

**A303 Sparkford to Ilchester Dualling Scheme
TR010036
6.3 Environmental Statement
Appendix 9.1 Preliminary Sources Study Report
(August 2016)**

APFP Regulation 5(2)(a)
Planning Act 2008

Infrastructure Planning (Applications: Prescribed
Forms and Procedure) Regulations 2009



Infrastructure Planning

Planning Act 2008

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(Applications: Prescribed Forms
and Procedure) Regulations
2009**

**A303 Sparkford to Ilchester Dualling
Scheme**

Development Consent Order 201[X]

**6.3 Environmental Statement
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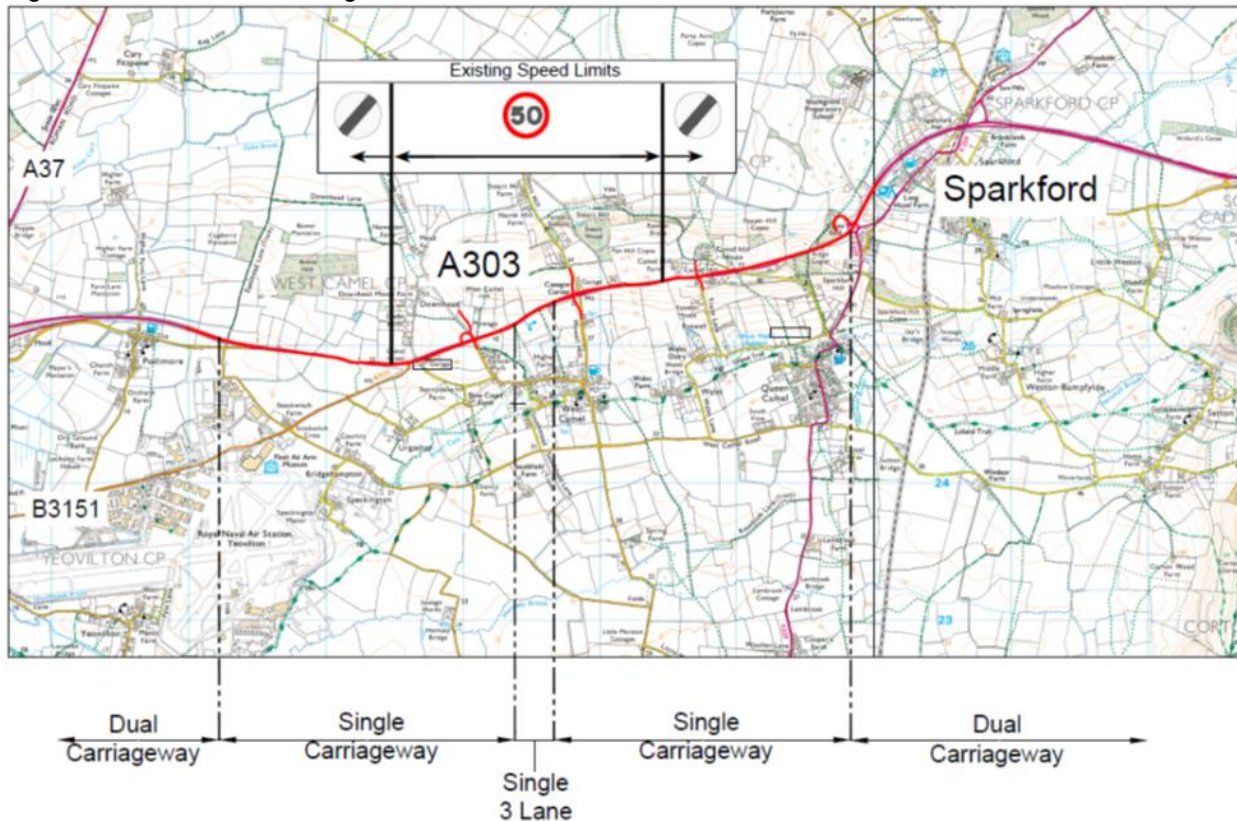
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1 Introduction

1.1 Scheme description

- 1.1.1 The A303/A30 forms part of the Strategic Road Network (SRN) and a strategic link between the south west peninsula (SWP) and the rest of the south, south east and London. The route is comprised of multiple road standards, including; dual 2 lane All Purpose (D2AP) and single carriageway 2 lane (S2) and single carriageway sections with overtaking lanes (S2+1) together with associated varying speed limits (from 40mph to 70mph). A Statement of Intent is available as HA GDMS Report Number 28567.
- 1.1.2 The section of the A303 between Sparkford and Ilchester includes Hazlegrove Roundabout which has 5 arms and forms a junction with the A359 including access to a service station located at the western end of the existing dual carriageway standard Sparkford bypass. Continuing westwards from the roundabout the A303 is a 2+1 arrangement in the westbound direction subject to a 50mph speed limit. This section continues up to the vicinity of Ridge Copse prior to a petrol filling station.
- 1.1.3 The remaining length of the Sparkford-Ilchester section is characterised by a single 2-lane road, with double white lines negating overtaking and subject to a 50mph speed limit. There are a number of priority junctions along the route giving access to the settlements of Queen Camel and West Camel to the south, as well as a number of farm accesses and parking laybys. The road continues until it becomes a dual 2-lane carriageway road just west of the eastbound off slip to Podimore. Overall this section is in the region of 5km in length.
- 1.1.4 The project is to provide a dual carriageway on the A303 between Sparkford and Ilchester in Somerset. Four route options (A2, E4, F1 and B4) have been proposed for the scheme. Option A2 links existing sections of dual carriageway and is likely to include grade separated interchanges and the removal of at-grade junctions and direct accesses. Route Option E4 climbs up Camel Hill sooner than Option A2, it then follows the flatter ground on the crest of the hill before descending the hill at Ch. 4500m, it then joins the existing route approximately 200m to the east of Hazlegrove Roundabout. The other two options (F1, and B4) take an alternative route to the north of Camel Hill. They leave the A303 at Eastmead Lane and re-join the existing route in a similar location to route E4.

Figure 1.1 Plan of the existing A303



Source: SOBC Report, CH2MHill, January 2015

1.2 Objectives and scope of the report

- 1.2.1 A Preferred Option has not been identified at this stage. The principal objectives of this Preliminary Sources Study Report (PSSR) are to identify, assess and manage potential geotechnical and geo-environmental risks associated with each of the four route options.
- 1.2.2 The study is based on readily available desk-top data (refer to section 2), as well as a site walkover, in order to provide preliminary geotechnical and geo-environmental input into Feasibility Design.
- 1.2.3 The PSSR supports the investigation and design stages including the following:
- Annex A: Proposals for scheme specific ground investigation.
 - Ground Investigation design for the Preferred Option.
 - Ground investigation reporting: development of a ground model for the site and geotechnical assessment to inform design parameters for the Scheme.
 - Geotechnical design reporting: earthwork and foundation design where necessary and inputs to pavement and structural designs.

2 Sources of information and desk study

2.1 Geology sheets and memoirs

2.1.1 The area of interest is covered by the British Geological Survey (BGS) (1973) Map Sheet 296 – Glastonbury, 1:50,000, Solid and Drift. A sheet memoir is not available but relevant information is contained in a BGS regional memoir. There is no published 1:10,000 geology map coverage of the routes.

2.1.2 Additionally the BGS GeoIndex online viewer was accessed (www.bgs.ac.uk) on the 20th March 2016. Historical borehole logs are available along the route and are summarised in Table 3.1.

2.2 Historical maps

2.2.1 Envirocheck Report No. 79579301_1_1 was obtained for this PSSR. This included historical Ordnance Survey (OS) maps from the period 1887 to 1996 (Appendix C). The Envirocheck Report No. 79579301_1_1 is included as Appendix B. Order No. 79295009_1_1 from Envirocheck, included further historical Ordnance Survey (OS) maps covering the alternate route options (Appendix C).

2.3 Previous reports

2.3.1 The following available data along the route has been identified from HAGDMS website and is summarised in Table 2.1.

Table 2.1 Summary of existing reports along the route

Title	Date	Author	HAGDMS number
A303 Sparkford Bypass Volume 1 Factual Report	1970	Exploration associates limited	3507
A303 Sparkford Bypass Geotechnical Report	1985	N/A	14075
Ground Investigation for A303 Sparkford to Ilchester Improvement, Second Geotechnical Procedural Statement	1991	Veryard and Partners	16413
A303 Sparkford to Ilchester Road Improvement, Public Inquiry – archaeological proof of evidence	1993	N/A	23728
A303 Sparkford to Ilchester Road Improvement, Archaeological Evaluation	April 1993	N/A	23729
A303 Sparkford to Ilchester Road Improvement, Archaeological Assessment	May 1993	N/A	23730
A303 Sparkford to Ilchester Road Improvement, Cultural Heritage Assessment	June 1993	RPS	23727
A303 Sparkford to Ilchester Improvement, Environmental Statement and Archaeological Assessment	September 1993	N/A	22669
A303 Sparkford to Ilchester Road Improvement, Archaeological Assessment	September 1993	N/A	23723

Title	Date	Author	HAGDMS number
A303 Sparkford to Ilchester Improvement, Archaeological Assessment - Section C	September 1993	N/A	23726
A303 Sparkford to Ilchester, Interpretive Report	September 1993	N/A	2358
A303 Sparkford to Ilchester, Factual Ground Investigation Report	January 1994	Exploration Associates	2360
A303 Sparkford – Ilchester Improvement Supplementary Ground Investigation for Traits Land Underpass, Volume A draft Interpretive Report	February 1994	Veryard Limited	2359
A303 Sparkford to Ilchester Improvement, Somerset, Archaeological Appraisal	April 2002	Wessex Archaeology	23725
A303 Sparkford-Ilchester Improvement Project Somerset, Geophysical Survey report 2003/80	2003	GSB Proscpection Ltd	23724
A303 Sparkford to Ilchester Preliminary Sources Study Report	March 2003	Mott MacDonald	17766
A303 Sparkford to Ilchester, Factual Report on Supplementary Ground Investigation	May 2003	Soil Mechanics	17482
A303 Sparkford to Ilchester Improvement, Environmental Statement and Archaeological Assessment	September 1993	Veryard and Partners	22669
A303 Sparkford - Ilchester Improvement, Ground Investigation for the Preferred Route, Volume A and Volume B Interpretive Report, draft	September 1993	Veryard and Partners	2358
A303 Sparkford to Ilchester Geotechnical Report	June 2004	Mott MacDonald	18946
A303 Sparkford to Ilchester, Geotechnical Certification Procedures Geotechnical Report Volume 1 and Volume 2	June 2004	Mott MacDonald	18349 and 20091
A303 Sparkford to Ilchester Strategic Outline Business Case	January 2015	CH2MHill	n/a
A303/A30/A358 Corridor Feasibility Study, Stage 3 Summary Report	February 2015	CH2MHill	n/a
A303 Sparkford to Ilchester Environmental Constraints Plan, Preliminary Drawing	June 2015	MMGJV	n/a

2.3.2 In addition, the BGS and Highways England hold records of historical exploratory hole logs along the route. These have been utilised to provide information on the anticipated ground conditions at the site.

2.4 Other sources

2.4.1 The following sources of online/published information have been utilised:

- BGS GeoIndex (Available at: <http://mapapps2.bgs.ac.uk>)
- Engineering Geology of British Rocks and Soils – Lias Group, BGS Technical Report 2012¹⁴

- Environment Agency, What's in Your Backyard (Available at: <http://maps.environment-agency.gov.uk>)
- Zetica 3D Mapping and Site Investigation Services (Available at: <http://www.zetica.com>)
- Magic Interactive Mapping (Available at: <http://www.magic.gov.uk>)
- [Somerset County Council Local Mineral Plan \(no relevant data obtained\)](#)
- Coal Authority Interactive Map Viewer (Available at: <http://coal.decc.gov.uk>)
- Historical Ordnance Survey maps (provided by Landmark –Appendix C)

2.4.2 Several sources have not been examined at this stage. It is considered appropriate to review the sources listed below once the Preferred Option has been determined.

- Aerial Photographs (where available) to obtain further information about features within the study area.
- Liaison with, and records from local authorities

2.4.3 Observations from the site walkover completed by Sweco on 22nd and 23rd of March 2016 have also been incorporated into this study.

3 Field Studies

3.1 Walkover survey

- 3.1.1 A walkover survey was undertaken on the 22nd and 23rd of March 2016 by an engineering geologist. The weather was cloudy and the ground was generally dry.
- 3.1.2 The walkover was limited to areas accessible by public footpaths, the road network and/or where vegetation cover allowed. However, as the majority of the planned routes go through private land, observations were made from public right of access points (PROA), without direct access onto the land. As there are still four options under consideration at this stage, it was considered this approach was sufficient until a preferred option is selected.
- 3.1.3 The survey focused on the proposed locations of structures as these areas were generally accessible from the tracks or roads that the structures will cross. The observations are presented below.

Route Option A2

- 3.1.4 The A2 route option primarily follows the course of the existing A303 and is shown on the drawing in Appendix A.2.

Ch. 0m to Ch. 1500m

- 3.1.5 The road is currently dual carriageway constructed on an approximately 1.5m high embankment on generally flat-lying terrain above the surrounding agricultural farmland.
- 3.1.6 A single lane bridge crosses the road (Eastmead Lane) which appears to be used for access to a number of farm buildings and the surrounding fields.

Ch. 1500m to 2000m

- 3.1.7 Agricultural land is present to the north of the A303. The road is constructed on an approximately 2m high embankment with a 1m high vegetated verge running parallel to the road.
- 3.1.8 Three large stone buildings with hardstanding areas for parking on the side of the road are present at the junction with the B3151. The buildings include Bistro and Hawk House B&B. On the south side of the road a pavement extends to Howell Hill road. The road begins to ascend up Camel Hill at approximate Ch. 2000m.

Ch. 2000m to Ch. 3000m

- 3.1.9 The next structure on the A2 route is Downhead Lane Overbridge at Ch. 2500m to Ch. 3000m. The proposed route is to the north of the existing route across agricultural farmland which slopes at an approximate 10° angle up to a tree line 100m away, on the ridge of a hill.
- 3.1.10 The slope on the south of the road appears to be steeper and drops down to flat-lying ground. The existing road has parking laybys on both sides and the pavement runs on the south side.

Ch. 3000m to Ch. 4000m

- 3.1.11 Steart Hill Overbridge is located at Ch. 3300m. Multiple stone buildings with smaller outbuildings are situated on the south side, including a bakery and a Methodist church. A gravel track runs parallel to the road providing access to these buildings. A shallow water filled ditch, approximately 1.5m deep is present between the track and the road.
- 3.1.12 Overhead powerlines run parallel to the road around 20m to the south. At Ch. 4000m there is a small gated entrance to a limestone quarry (Photo 1). This appears to be operational but no access could be gained to confirm this.

Ch. 4000m to Ch. 5000m

- 3.1.13 Ministry of Defence (MOD) property is present directly next to the road at the proposed Traits Lane Underbridge at Ch. 4300. Details of the site are unknown, and the area is shown in Photo 2 and Photo 3. Hazard signs for asbestos are displayed, possibly forming the roofs of the older buildings on the site. Adjacent to the MOD site is an approximately 25m tall communication tower located 30m from the edge of the road.
- 3.1.14 Gason Lane currently joins the A303 at Ch. 4500m which is a single lane road. On the north side of the A303 (Photo 4) the road leads to a large stone farmhouse with surrounding grassland that appears to be grazed by horses. The slope from the farm house to the road is approximately 20°. No evidence of instability was noted. Between Gason Lane and the A303 is an area of dense vegetation on land sloping at approximately 40°.
- 3.1.15 On the south side of the A303 Gason Lane climbs up the side of a hill on to a ridge where it meets the trig point of Camel Hill. A large steel drum / tank that appears to be concreted in place (Photo 5 and Photo 6) is present in proximity to the trig point. Overhead powerlines run through the field, roughly parallel to the existing A303. The ground at the top of the hill is rough with some areas of hydrophilic vegetation that may suggest change in the water regime and potential ponding of water.

3.1.16 At Ch. 4800m a Shell Garage (fuel filling station) is present at the base of the slope surrounded by a large area of hardstanding (Photo 7 and Photo 8). A large gas tank and a service station restaurant are also present. An approximately 1m high retaining wall is present at the base of the slope.

Ch. 5000m to Ch. 6000m

3.1.17 Sparkford Junction Overbridge at Ch. 5500m is the final proposed structure. The route is through an area of densely vegetated ground with some large trees to the north of the existing A303. The route is then in an area of tended grassland surrounding the tarmac drive to Hazlegrove Preparatory School approximately 600m to the north. There are some very large, old trees in the grounds of the school and the hill drops gradually in a northwest direction.

Route Option F1

3.1.18 The route is shown in the drawing in Appendix A.3.

Ch. 0m to Ch. 1000m

3.1.19 The area is flat-lying arable farm land. There are a series of breeze block clad, steel framed structures located at Ch. 750m (Photo 9 and Photo 10). The buildings appear to be used to shelter animals and for storage of farming equipment. There are overhead powerlines in the field that run parallel to the existing A303. To the south of the proposed route, at Ch.600m is a bridge over the existing dual carriageway. The proposed route then passes through arable farmland remaining at approximately 20m AoD.

Ch. 1000m to Ch. 2500m

3.1.20 The proposed Downhead Lane Junction at Ch. 2000 was not accessible as the lane entered private farmland as an unsurfaced track. The route appears to stay in the flat vale and is surrounded by farmland.

Ch. 2500m to Ch. 3500m

3.1.21 At Ch. 3200m is Steart Hill Overbridge; this area is mainly flat arable farmland. To the south of the proposed route is a large concrete works approximately 100m x 40m. This is a steel framed, block and clad warehouse (Photo 11). Alongside Steart Hill road run water filled drainage ditches on both sides, which cross the path of the proposed route.

Ch. 3500m to 4500m

3.1.22 Vale Farm Overbridge is between Ch. 4000m and 4500m. This area is private farmland so was not accessible. It appears to be flat arable farm land.

Ch. 4500 to Ch. 6400m

3.1.23 At approximately Ch. 5000m the route ascends gradually uphill but remains in open farmland. Sparkford Junction Overbridge at Ch. 5500m crosses a heavily vegetated area of land containing many tall trees, and also crosses the entrance road to Hazlegrove Preparatory School. At Ch. 6000m the route joins the existing dual carriageway near beyond Hazlegrove Roundabout.

Route Option B4

3.1.24 This route is shown in the drawing in Appendix A.4. The route is largely similar to Route Option F1 and could not be viewed during the walkover from PROA except at the chainages shown below.

Ch. 0m to 1000m

3.1.25 This section is located entirely within flat, arable farmland (Photo 12). The existing farm buildings that pose obstructions to Route Option F1 are avoided. Overhead powerlines cross the proposed route running parallel to the existing A303.

Ch. 3000m to 3500m

3.1.26 The proposed route is to the south of the large concrete works and the north of a number of houses constructed along Steart Hill Road. The surrounding area is predominantly flat farmland.

Route Option E4

3.1.27 The route is shown in Drawing HE551507- MMGJV- HGN (Appendix A.5).

Ch. 0m to Ch. 2000m

3.1.28 The route runs parallel to Route Option A2 until Ch. 2000m. The route is in fairly flat agricultural fields with no evidence of impeded drainage or ground instability (Photo 13).

Ch. 2000m to Ch. 2500m

3.1.29 Here the route crosses a tarmac turning circle surrounded by tall trees (Photo 14). Beyond this the road climbs the lower slopes of Camel Hill through multiple agricultural fields growing oil seed rape (Photo 15 - the proposed route is through the centre of the field).

Ch. 2500m to Ch. 3000m

3.1.30 The route passes through the fields shown in Photo 16. The ground slopes upwards towards the tree line at the crest of a hill.

Ch. 3000m to Ch. 5000m

The proposed route crosses Steart Road approximately 30m north of an old petrol filling station (Photo 17). There are overhead electricity and telephone lines that run parallel along Steart Road.

3.1.31 Photo 18 shows the field at Ch. 3500m where a bridge is proposed to cross the route. Beyond approximate Ch. 4000m the route cannot be observed from public rights of access, and it is anticipated that the route remains largely in agricultural fields.

Ch. 5000m to Ch. 6000m

3.1.32 The proposed route can be seen again from the eastern end where it joins the existing A303. Hazlegrove Junction Overbridge at Ch. 5500 is within the tended grounds of Hazlegrove Preparatory School. This ground is predominantly grass covered with some large mature deciduous trees (Photo 19).

3.2 Previous ground investigations

3.2.1 A series of reports has been prepared on the area as listed in Section 2.3. A summary of the previous site investigations and assessments, including three intrusive ground investigations, is shown below. The relevant exploratory holes are listed within Table 3.1. The exploratory holes are broadly located along the route of the A2 alignment as this is most similar to the existing road.

Table 3.1 Historical exploratory holes

Type	Exploratory hole number	Investigation
Cable Percussive Boreholes	B602, B604, B606, B608, B609, B622, B629, B633, B634, B634a, B635, B636, B637, B638, B639, B640	Department of Transport, 1986
Cable Percussive Boreholes	45No. boreholes	Department of Transport, 1994
Rotary Boreholes	39No. boreholes	Department of Transport, 1994
Trial Pits	57No. of trial pits	Department of Transport, 1994
Trial Pits	TPS1-TPS29	Mott MacDonald, Supplementary Investigation, 2004
Cable Percussion/ Rotary Core Boreholes	BHS1-BHS12	Mott MacDonald, Supplementary Investigation 2004

3.3 Aerial photographs

3.3.1 Aerial photography from Google Earth has been used to give a wider understanding of the site topography and geomorphology. Historical aerial photographs have not been examined.

4 Site description

4.1 Geography

Route Option A2

4.1.1 The existing road layout is shown in Figure 1.1. The section of road is approximately 6km long and includes Camel Cross Junction, Canegore Corner and Sparkford Junction. Route option A2 closely follows the alignment of the highway. The area is dominated by the east west trending ridge of Camel Hill formed by the relatively resistant beds of the White Lias and the Blue Lias. Surrounding Camel Hill are the relatively flat, low lying Vales of Sparkford and Ilchester. A plan of the route is presented in Appendix A.2.

Route Option F1

4.1.2 This proposed route is located to the north of the A303 between Sparkford and Ilchester. The area is dominated by the east west trending ridge of Camel Hill formed by the relatively resistant beds of the White Lias and the Blue Lias. Surrounding Camel Hill are the relatively flat, low lying Vales of Sparkford and Ilchester. The proposed route starts from Eastmead Lane junction and will run in a north easterly direction towards the northern west end of Camel Hill; here the road will bend round the northern end of Camel Hill and head ESE towards Sparkford Junction Overbridge, where it will re-join the existing A303 road. The total length of this proposed route is 6.4km and a plan of the route is available in Appendix A.3.

Route Option B4

4.1.3 Route Option B4 follows a broadly similar route alignment to Option F1 but it passes to the South of Steart Hill Farm, and then re-joins the same route alignment as Option F1. The plan for this route is shown in Appendix A.4.

Route Option E4

4.1.4 Route Option E4 follows a very similar line to Route Option A2 until Ch. 2500m. The route then takes a more northerly line to Camel Hill, at a height of approximately 62m AOD, then descends the summit and before re-joining the existing road. The plan for the route is presented in Appendix A.5.

4.2 Historical development

Route Option A2

4.2.1 The historical development of the area has been determined from historical OS maps dating from the late 1880's to the present day. These are presented in

Appendix C although it should be noted that the boundary shown is from an earlier route option which is no longer under consideration. A summary is detailed in Table 4.1 to Table 4.7. The features directly within the proposed route corridor are referred to as 'on-site'. For ease of reporting this route option has been divided into seven different sections by chainage.

4.2.2 The associated potential geo-environmental hazards identified by the review are listed in Table 4.8.

Table 4.1: Ch. 0m to Ch. 700m

Date	On-site observations	Off-site observations
1887	Undeveloped agricultural land.	Agricultural land. A small road runs to the south. Lower Farm 50m to the south.
1962	No significant change.	Two additional structures next to Lower Farm.
1979	A303 road constructed within former agricultural land.	Drain runs 50m to the north. Mast 200m to the south.

Table 4.2: Ch. 700m to Ch. 1500m

Date	On-site observations	Off-site observations
1887	Land occupied by an orchard Ch.700 to 850 Two small roads cross the site boundary. A small road runs along the site with trees on either side.	Agricultural land with many trees around the field boundaries.
1903	Trees no longer marked along roadside.	Fewer trees around the fields.
1962	Small road running along site now labelled as the A372.	Ponds marked in fields, 100m to the north and 100m to the south. Construction of a caravan park and electricity substation 300m to the south. One small pond is present 200m to the south. Yeovilton Airfield is 500m to the south.
1975	Orchard no longer shown.	No significant change.
1979	A303 road constructed within the former orchard	Pond to the south is no longer marked.

Table 4.3: Ch. 1500m to Ch. 2100m

Date	On-site observations	Off-site observations
1887	Small road following same line as the site. Trees present along the roadside. At Ch. 2000 there is a junction and a small road crosses.	Many trees around the site. Small forested area approximately 200m to the North.
1903	Trees no longer marked along the roadside.	No trees marked in fields. Small pond 50m to the south.
1975	Garage built next to the road at Camel Cross Ch.2050m. Road is labelled as the A372 joining the A303 at Ch. 2000m, significant cuttings at both sides of the A303 beyond garage.	Deforestation of the woodland to the North. Farm shown 300m to the north.
1996	No significant change	Structures to the north, running along the adjoining small road that leads to a farm.

Table 4.4: Ch. 2100 to Ch. 3300m

Date	On-site observations	Off-site observations
1887	Undeveloped agricultural fields. Plowage lane crosses at Ch. 2500m.	Small road runs just to the south of the proposed route. Many wooded areas in the south; three minor roads labelled, Plowage Lane, Cottis Lane and Keep Street with associated network of tracks. Higher Farm present 400m to the south. Lower Flour Mill (disused) 500m to the South. Area of woodland approximately 200m to the north. Slate Lane (track) runs off parallel to the site 300m to the north. Small quarry 500m to the north
1903	Trees no longer marked.	Limekiln marked on map next to Slate lane, 200m north of the site.
1975	At Ch.3200m the A303 and a lay-by shown on the road. Methodist church south of road with other unnamed buildings.	Caravan site shown 150m south of the site. Extensive removal of trees south of the road. Limekiln is no longer marked. Much of the woodland no longer shown.
1995	No significant change	Orchard Park mobile site 150m to south. 400m south of the road many residential buildings are shown.

Table 4.5: Ch. 3300m to Ch. 4000m

Date	On-site observations	Off-site observations
1887	Road crossing at Canegore Corner Ch. 3400m. Small road runs along the route. Spring present on the site boundary to the south. Road has trees alongside.	Woods and rough pasture area present to the south. Two small quarries 100m north of the site, a larger quarry is present 400m to the north. Pen Hill copse 200m to the north.
1903	No significant change	The quarries are no longer labelled, although the features are mapped. Fewer trees shown in fields to the north
1975	The spring is no longer shown. Road now wider and labelled as the A303.	Issues and a spring marked on the map approximately 100m south of the site. Pump station constructed along Howell Hill road 100m to the south. Stear Wood is marked to the north. Small (covered) reservoir is shown 100m to the north. Springs marked 500m to the north. Buildings along Steart Hill, around the junction at Canegore Corner adjacent to the north side of the site.

Table 4.6: Ch. 4000m to Ch. 5000m

Date	On-site observations	Off-site observations
1887	Small road along the route. Traits Lane joins the route at Ch.4250m. Access road to a quarry. Trees present along the side of the road.	Two large quarries approximately 50m to the south of the site. Camel Hill Farm is 200m to the north. Two small quarries around Traits Lane. Pepper Hill Copse 200m to the north.
1903	No significant change	Small quarries around Traits Lane no longer labelled, although the features are mapped.
1975	A303 on route, road widened and some small cuttings around the road.	Filling station 20m south of the site with access from the road. Quarry within Ridge Copse is not shown. The large quarry adjacent to south side of site is labelled as disused. A settlement is shown 200m to the South off Gason Lane. Spring and issues present 100m north of the site.
1990	No significant change.	The layout of the filling station has changed.

Table 4.7: Ch. 5000m to Ch. 6100m

Date	On-site observations	Off-site observations
1887	Fields with trees; two small ponds marked. Track to Hazlegrove House crosses the route at Ch. 5400m.	Quarry 250m south of the site. Sparkford repository is located to the north east of the site close to a smithy. A kennel and a lodge are shown to the south. Hazlegrove House is 800m to the north.
1903	Three small ponds present.	Limekiln 200m south of the site. A large pond is shown 100m to the north.
1975	Two ponds shown but the central pond is no longer present.	Highstreet (A303) approximately 200m to the south east runs parallel, many buildings are along this road. The repository is no longer marked. Other buildings are shown including a timber yard, caravan park and Long Hazel farm. In the north a new issues can be seen 150m north of the site.
1990	The A303 relocated and intersects the site at the eastern end. Cuttings shown on both sides of the A303 and a layby is marked.	Roads constructed off Hazlegrove roundabout approximately 50m to the south. Numerous ponds are shown 200m to the north. More buildings are shown in the south east, mainly residential and the farm is now labelled as Long Hazel Dairy farm. Timber yard no longer present and area redeveloped by the A303.

Date	On-site observations	Off-site observations
1995	No significant change	The quarry 20m south of the site is no longer marked on the map, now labelled as Sparkford Hill Copse. Additional hardstanding around the garage at Hazlegrove Roundabout.

- 4.2.3 The available maps indicate the western extent of the route comprised agricultural land and an orchard prior to construction of the A303 (T) circa 1979. The route east of Eastmeade Lane to Howle Hill (approximate Ch. 3800) lies within agricultural land, crossing several minor roads and tracks. The route then follows the existing A303 (T) to Ch. 4900 which has historically been a road way dating to before the earliest mapping reviewed. The remainder of the route lies within agricultural land before tying into the existing dual carriage way at Sparkford.
- 4.2.4 The area surrounding the site was mostly open fields with many woods and coppices. There are numerous quarries marked on the maps that tend to not be shown on more recent maps; suggesting they have been filled-in. The quarries and associated limekilns indicate limestone is present in the Camel Hill area.
- 4.2.5 The surrounding settlements have grown. An increase in the number of ponds and springs present around the site is also noticeable.
- 4.2.6 The potential geotechnical hazards, from the observations of the site history, are listed in Table 4.8.

Table 4.8: Summary of the potential geotechnical hazards from site history

Hazard reference	Potential geotechnical hazards	Relevant maps
H1	Multiple ponds to the north and south, some no longer marked on current maps, indicating possible unmarked culverts and high water table.	1975
H2	Former quarry sites unlikely to have been filled to an engineering specification.	1975
H3	Industrial growth around Hazlegrove Roundabout including the services	1990
H4	Possible underground fuel storage around the filling station	1975
H5	Unnamed structures alongside the road	1996
H6	Drainage system for the A303	1986
H7	The eastern end of the road passes very close to the historical landfill site known as 'Land Adjacent to Hazlegrove Park'	Refer to section 4.1.11.

Route Option F1

- 4.2.7 The historical development of the area has been determined from the study of historical OS maps dating from the late 1880s to the present day. The historic maps are presented in Appendix C a summary of the route is detailed in Table

4.9 to Table 4.12. The features directly within the proposed route corridor are referred to as 'on-site'. For ease of reporting this route option has been divided into five different sections by chainage.

4.2.8 The associated potential geo-environmental hazards identified by the review are listed in Table 4.13.

Table 4.9: Ch. 0m to Ch. 2500m

Date	On-site observations	Off-site observations
1887	Predominantly undeveloped agricultural land; at Ch. 500m is an Orchard. Ch.1200m - mixed woodland at Annis Hill. Three lanes cross the route.	Open fields with many trees marked along the borders. A small pond is present 100m south of the proposed location. Mixed wood area around the site and over Annis Hill, a small pond is shown to the south of the woodland. Another small pond is present to the north of Newclose House.
1903	No significant change	Many trees alongside fields no longer shown.
1975	The woodland area is no longer shown and many small ponds can be seen to the north of the road.	A mast is shown 200m south of the route. Newclose House is now Newclose Farm, Mead Farm is shown to the south.
1982	No significant change	The A303 is now dual carriageway running to the south of the route. A drain is shown running through a field approximately 50m north of the site. The large pond to the south is no longer marked.
1995	The wood on Annis Hill is no longer shown.	No woodland is shown on the map.

Table 4.10: Ch. 2500 to Ch. 3500m

Date	On-site observations	Off-site observations
1887	The site is predominantly open agricultural land. Stear Lane crosses the route at Ch. 3200m.	Agricultural land with trees around field borders. A small pond is shown 20m to the north. Multiple ponds marked in the fields to the south of the site. Stear Bridge is 100m to the north, over Dyke Brook. Steart Hill Farm is approximately 300m to the south.
1975	No significant change	Ponds to the south are no longer shown. The footprint of Steart Hill Farm has changed.
1996	No significant change	Three silos shown near Steart Hill Farm, and a track is shown running from the farm roughly parallel to the proposed route 200m to the south.

Table 4.11: Ch. 3500 to Ch. 5000m

Date	On-site observations	Off-site observations
1887	Open agricultural land. Crosses a small orchard at Ch. 4600m.	Generally open agricultural land, Dyke Brook runs to the north in a SW direction approximately 150m north of the site. Yarcombe Wood is located 200m to the north. Vale Farm and Rewber Brake 200m to the south, surrounded by woodland.

Date	On-site observations	Off-site observations
		Ponds shown in surrounding fields. Quarry 300m to the south. Camel Hill Farm is 300m to the south.
1975	Orchard no longer shown. A track crosses the route at Ch. 4500m. Issues marked within the site boundary.	Larger woodland area 200m to the south. The footprint of Vale Farm has increased. The quarry is no longer labelled but the features are shown.
1975-1996	No significant change	Dyke Brook is still shown in the north a small pond is now shown on the northern side of the brook.

Table 4.12: Ch. 5000m to Ch. 6400m

Date	On-site observations	Off-site observations
1887	Open agricultural land with two small ponds.	Open agricultural land to the north with multiple small ponds marked in fields. Two unnamed buildings are shown in the north. Multiple ponds are present in the surrounding fields. Rewber Brake is shown 100m to the south this appears to be a strip of woodland and rough ground. Multiple ponds are shown in the fields that surround the site. Approximately 200m to the south a quarry is shown. Pepper Hill Copse is located 50m to the south. 150m to the south is a large quarry next to Ridge Copse Sparkford repository is located to the North-East of the site close by to the smithy. A kennel and a lodge are shown to the south
1903	Three ponds shown.	Tank shown 100m south of the site, adjacent to a building. The quarries in the south are no longer labelled but the features are shown. An old limekiln is shown next to the larger quarry close to Ridge Copse.
1975	No significant change.	Quarry near Ridge Copse is not shown. Filling station and A303 constructed 300m to south. Quarry adjacent to A303 is now labelled as disused. The repository is no longer shown. Timber yard in location of repository.
1990	Roads associated with Hazlegrove Roundabout cross the site. The A303 crosses on to the site at Ch. 6000m.	Hazlegrove Roundabout 200m to the south, associated roads lead off the roundabout. Numerous new ponds are shown 200m to the north. More buildings are shown in the south east, mainly residential. Long Hazel Dairy farm is 100m to the south. Timber yard no longer present and area redeveloped by the A303
1995	No significant change.	Quarry 20m south of the site is not shown; now labelled as Sparkford Hill Copse.

Date	On-site observations	Off-site observations
		Increased hardstanding around the garage at Hazlegrove roundabout.

- 4.2.9 The available maps indicate the route has remained predominantly agricultural land. A few small orchards and areas of woodland are on the proposed route, and the route crosses several minor roads and tracks. At Ch. 6000m the route joins a section of the A303 (T) constructed between 1975 and 1990, at the same time as Hazlegrove Roundabout.
- 4.2.10 The area surrounding the site is similarly open fields and coppices. Several small quarries are on the historical maps that tend not to be shown on the more recent maps. Many of the surrounding buildings have been extended and there has been development primarily along the smaller roads that cross the site.
- 4.2.11 The potential geotechnical hazards, from the observations of the site history, are listed in Table 4.13.

Table 4.13: Summary of the potential geotechnical hazards from the site history

Hazard reference	Potential geotechnical hazards	Relevant maps
H1	Multiple ponds around the route option, some no longer marked on current maps, indicating possible unknown culverts and high ground water level.	1975
H2	Former quarry sites unlikely to have been filled to an engineering specification.	1975
H3	Industrial growth around Hazlegrove Roundabout including the services.	1990
H6	Drainage system for the A303.	1986
H7	The eastern end of the road passes very close to the historical landfill site known as 'Land Adjacent to Hazlegrove Park'.	Refer to section 4.1.11

Route Option B4

- 4.2.12 The route is similarly aligned to route option F1 (Refer to Section 4.2 on Route Option F1).

Route Option E4

- 4.2.13 The historical development of the area has been determined from historical OS maps dating from the late 1880's to the present day. A summary is detailed in Table 4.14 to Table 4.19. The features directly within the proposed route corridor are referred to as 'on-site'. For ease of reporting this route option has been divided into seven different sections by chainage.
- 4.2.14 The associated potential geo-environmental hazards identified by the review are listed in Table 4.20.

Table 4.14: Ch. 0m to Ch. 700m

Date	On-site observations	Off-site observations
1887	Undeveloped agricultural land.	Agricultural land. A small road runs to the south. Lower Farm 50m to the south.
1962	No significant change.	Two additional structures next to Lower Farm.
1979	A303 road constructed within former agricultural land.	Drain runs 50m to the north. Mast 200m to the south.

Table 4.15: Ch. 700m to Ch. 1300m

Date	On-site observations	Off-site observations
1887	Land occupied by an orchard Ch.700m to 850m Two small roads cross the site boundary.	Agricultural land with many trees around the field boundaries. A small road runs adjacent to the south of the site with trees on either side.
1903	Trees no longer marked along roadside.	Fewer trees around the fields.
1962	No significant change.	Ponds marked in fields, 100m to the north and 100m to the south. Construction of a caravan park and electricity substation 300m to the south. One small pond is present 200m to the south. Yeovilton Airfield is 500m to the south.
1975	Orchard no longer shown.	Small road to the south now labelled as the A372.
1979		Pond to the south is no longer marked. A303 road constructed within the former orchard, adjacent to the southern boundary of the site.

Table 4.16: Ch. 1300m to Ch. 2000m

Date	On-site observations	Off-site observations
1887	The site is open farmland with numerous areas of woodland. There is a small pond situated roughly on the line of the proposed road. One road crosses the route heading in a north south direction towards a farm.	Approximately 100m to the south is an old road lined with trees on both sides. In the north is a large area of woodland.
1903	No significant change	Allotments marked on the south side of the old road, approximately 150m in the south.
1975	The trees and pond are no longer shown.	A garage and other buildings are south of the road 100m to the south. The road is now labelled as the A372 and the A303.

Table 4.17: Ch. 2000m to Ch. 3750m

Date	On-site observations	Off-site observations
1887	Open farmland, some springs marked around the proposed route. Large areas of woodland. The proposed line passes just south of Pen Hill Copse.	Slate Lane is approximately 50m to the north, 200m to the south is a small road. There are multiple springs to both the north and south of the proposed route. Large quarry 100m to the north, 100m to the south are two smaller quarries.
1903	Limekiln shown close to the position of the proposed route	Quarries no longer shown.
1975	The springs are no longer marked	Methodist church 200m to the south of the existing road.

Date	On-site observations	Off-site observations
		A covered reservoir is shown 50m north of the route surrounded by numerous buildings constructed along the road at Canegore Corner. Steart Wood. 100m to the north.

Table 4.18: Ch. 3750m to Ch. 4500m

Date	On-site observations	Off-site observations
1887	Generally open farmland; there is a quarry (100m x 30m) that intersects the proposed route at Ch. 4100m.	Camel Hill Farm is approximately 100m to the south. Two smaller quarries are present 200m to the south. Small pond on the hillside approximately 100m to the north.
1903	No significant change.	No significant change.
1975	The quarry is not shown.	Further expansion of Camel Hill Farm 150m to the south of the road.
1990	No significant change.	No significant change.

Table 4.19: Ch. 4500m to 6000m

Date	On-site observations	Off-site observations
1887	Open farmland. Numerous small ponds roughly on the line of the route. Sparkford repository is at the eastern end of the route.	A road runs roughly parallel to the route approximately 400m to the south. South of the old road is a large quarry, 200m to the south is a lodge and kennel Many springs and small ponds north of the proposed line.
1903	No significant change.	No significant change.
1975	The repository is no longer marked. Instead there are cattle pens and a timber yard.	Drains constructed in the hillside running into nearby ponds approximately 50m north. Long Hazel Dairy Farm is 200m to the south constructed next to High Street. There are numerous terrace houses also constructed along the road. The quarry 400m to the south is now disused.
1990	The existing A303 which the proposed route will join is constructed with embankments on both sides. Timber yard no longer present and area redeveloped by the A303.	Caravan site shown directly south of the route.
1995	A small access track crosses below the A303 to allow access to the structures in the north.	Two unnamed structures are shown approximately 50m to the north.

4.2.15 Where the route leaves the line of Route Option A2 the earliest maps show the site to be open agricultural fields. This hasn't changed throughout the history of the site for much of the area. Historical upgrades to the existing A303 have affected connecting roads that cross this proposed line. There are also several developments that have occurred along these smaller roads. Around Ch.4100m the proposed line crosses the site of a historical quarry that is not thought to have been infilled.

4.2.16 The area surrounding the site is mostly open fields with many woods and coppices. There are several quarries marked on the maps that are not shown on more recent maps, suggesting they have been filled in. Over time the surrounding area appears to have become more developed as the size of the road has grown. There has been substantial clearance of woodland for agricultural land use in the north. The growth of settlements with some residential properties and businesses is apparent to the south. An increase in the number of ponds and springs shown on historical maps around the site is noticeable.

4.2.17 The potential geotechnical hazards, from the observations of the site history, are listed in Table 4.20.

Table 4.20: Summary of the Potential Geotechnical Hazards from Site History

Hazard reference	Potential geotechnical hazards	Relevant maps
H1	Multiple ponds to the north and south, some no longer marked on current maps, indicating possible unmarked culverts and high water table.	1975
H2	The route crosses a former quarry.	1887, 1975
H5	Unnamed structures alongside the road	1996
H6	Drainage system for the A303 is not known	1986
H7	The eastern end of the road passes very close to the historical landfill site known as 'Land Adjacent to Hazlegrove Park'.	Refer to section 4.1.11

4.3 Topography

Route Option A2

4.3.1 The route is at an existing elevation of 16.7m AoD in the west of the site at Podimore, gradually rising to 23m AoD at Ch.1900. The route begins to climb up Camel Hill to a maximum proposed elevation of approximately 72m AoD (existing elevation 73.97 m AoD) before decreasing to approximately 46m AoD in the east by Sparkford Junction.

Route Option F1

4.3.2 The route commences at Podimore at an elevation of 17.3m AOD and steadily rises to 30.26m AOD at Ch. 1700. The elevation gradually decreases to approximately 19m AOD and rises to 46m AOD from a chainage of approximately 3300m where it reaches the route of the existing A303.

Route Option B4

4.3.3 Refer to section 4.3.2 on Route Option F1.

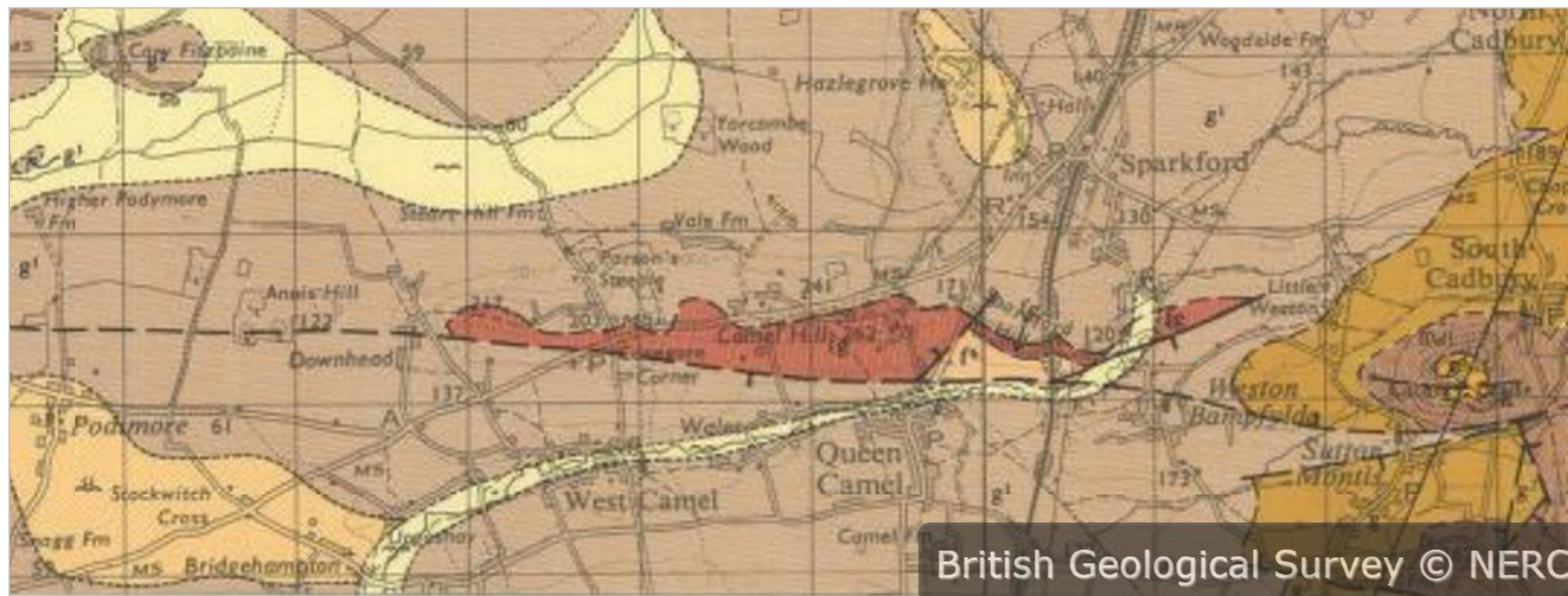
Route Option E4

4.3.4 The road is at an elevation of 17m AOD in the west of the site. At Ch.1800m the road climbs up the slope of Camel Hill to a height of approximately 60m AOD, the road remains at this elevation but the natural topography climbs to a height of 73m AOD at Ch. 3800m. From here the route drops down the side of Camel Hill to a height of approximately 32m AOD. Finally the route climbs back up to a height of 46m AOD in the east, by Hazlegrove Junction.

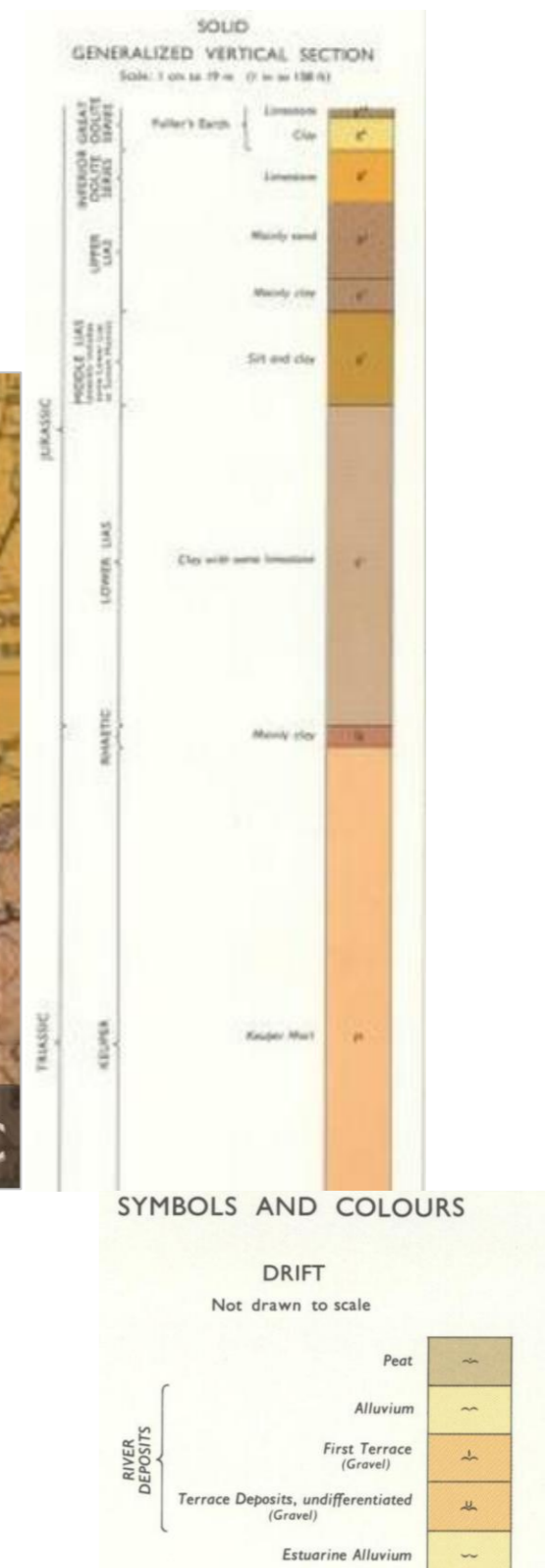
4.4 Geology

4.4.1 This section describes the geology of the area in the vicinity of all of the route options. The area is represented in the excerpt of the 1:50,000 scale BGS geological sheet as shown in Figure 4.1. Geological mapping at 1:10,000 scale is not available for the four route options. The 1:10,560 County Series map Somerset 74SW is available but only provides coverage of the route south of the existing A303 (T) between Podimore and West Camel. This map has not been referred to in this report.

Figure 4.1 1:50,000 BGS geological sheet 296 Glastonbury solid and drift edition, 1973



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Superficial deposits

- 4.4.2 BGS mapping indicates limited expanses of superficial deposits along the proposed routes. There is a broad east-west trending ribbon of alluvium (clay, silt, sand and gravel) to the north of the existing A303, the southern margin of which impinges on the central part of Routes F1 and B4 only. These deposits are indicated to be absent below the easternmost 1.5km of proposed routes F1 and B4 according to the geological sheet. However, BGS boreholes record alluvium (as well as 'Taele Gravel') at approximate Ch. 1200m on route F1 (refer to section 5.2).
- 4.4.3 A small area of River Terrace deposits (sand and gravel) is shown 500m west of Sparkford on the geological map. This is indicated to underlie the easternmost section of all routes (less than 0.5km) at the existing dual carriageway alignment.
- 4.4.4 River Terrace deposits are also indicated to be present at Podimore, extending some 300m to the east of the settlement and south of the existing A303. These deposits are not recorded as directly beneath any of the proposed routes but, given the scale and uncertainty of the geological mapping, it is possible they may be encountered during construction.

Solid geology

- 4.4.5 The BGS Geology of Britain Viewer indicates the area is principally underlain by solid strata of the Langport Member, Blue Lias Formation and the Charmouth Mudstone Formation (undifferentiated), of the Lias Group consisting of mudstones. These strata were previously referred to as the Lower Lias.
- 4.4.6 The BGS memoir states that exposures are scanty and poor, and the total thickness of the Lower Lias is uncertain but in the region of 600' to 800' (183m to 244m).
- 4.4.7 The Langport Member was previously referred to as the Langport Beds or the White Lias. These strata comprise a series of tough cream and buff calcite mudstones with thin interbedded pale grey and buff marls. The strata are 21' (~6.4m) thick at Sparkford.
- 4.4.8 The overlying Blue Lias comprises an interbedded sequence of grey and blue-grey limestones and mudstones /shales. The strata weather to a variable range of browns and buff but are cream near the base, and so difficult to distinguish from the White Lias. At Camel Hill the Blue Lias measures 25' (~7.6m)¹.
- 4.4.9 A small inlier crosses the route of the existing A303 at Camel Hill, indicated to underlie Route Options A2 and E4 only. This inlier consists of undifferentiated interbedded mudstone and limestone of the Westbury Formation and the

Cotham Member of the Penarth Group in the site vicinity. These strata were previously known as the Rhaetic Beds.

- 4.4.10 An east-west trending normal fault of unspecified throw bounds the inlier to the south. The fault passes directly below all of the route options, the locations of the intersection vary owing to the different alignments in relation to the trend of the linear feature.
- 4.4.11 The regional inclination of the strata is variable across the routes, but broadly inclined to the north.
- 4.4.12 Numerous site investigation boreholes situated along or adjacent to the existing A303 reveal the bedrock as an interbedded sequence of clays, claystone, mudstone, siltstone and limestone. These have been assigned to geological units based on the old nomenclature. Accordingly, the terms used in the previous investigations have been retained for consistency throughout this report.
- 4.4.13 Some of these boreholes reveal a few metres of superficial deposits overlying the bedrock, not recorded on the BGS sources referenced. Further details are presented in section 6.

4.5 Geomorphology

- 4.5.1 The geomorphology of the region is governed by the underlying geological structure and Quaternary geological history of the area. The geomorphology within the vicinity of all the route options is summarised below.
- 4.5.2 The slope morphology at the scheme is determined by the underlying geology and the weathering process. Camel Hill is formed by the more resistant beds of the White Lias and Blue Lias. The Lower Lias forms the low lying vales, where the slope angles are generally less than 3°. Slopes of up to 6° are measured in the transitional Camel Hill side slopes, with a generally concave slope pattern of decreasing slope angles with distance from the ridge.
- 4.5.3 The White Lias forms the main escarpment of the ridge and slopes are generally 8° or 9°. Back from the escarpment as the sequence moves up into the Blue Lias the slopes on top of Camel Hill are flatter, generally less than 5°. The north face of Camel Hill is formed by the dip slope of the Blue Lias, generally around 8 to 10°.
- 4.5.4 The east-west trending fault is associated with an elevated area between Plowage and Camel Cross. This has steep slopes on its flanks with a flatter top. According to the Mott MacDonald geotechnical report⁹, the area is thought to be underlain by a resistant block of Blue Lias strata up-thrown through subsidiary faulting.

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- 4.5.5 The walkover survey of the site showed no evidence of instability in the hillside around the road.

4.6 Hydrogeology

Route Option A2

- 4.6.1 At the location of the proposed routes, the underlying Blue Lias Formation was formerly classified as a 'Minor Aquifer' (BGS, 2000) but with limited and unreliable supplies and exhibiting a low range of transmissivity values.
- 4.6.2 Current BGS aquifer designations published on the EA website (available at: <http://apps.environment-agency.gov.uk>, accessed April 2016) show the Blue Lias Formation underlying the site as a "Secondary A" aquifer. "Secondary A" aquifer designation is defined as the presence of "permeable layers capable of supporting water supplies at local rather than strategic scale." The Blue Lias Formation is not thought to be currently utilised as a source of groundwater supply in the immediate vicinity of the proposed routes.
- 4.6.3 The overlying drift deposits, where present, are classified as "Secondary A". Superficial deposits, limited within the site area, do not provide any groundwater resource but may contain localised groundwater that could become a consideration in terms of construction, dewatering and impacts on surface water bodies.
- 4.6.4 With respect to Route Option A2, the presence of River Terrace deposits that are recorded immediately to the south of the western extent of the route should be taken into consideration. These deposits have been identified in borehole records available from the BGS near Podimore (2003, existing route of A303).
- 4.6.5 Groundwater vulnerability is indicated variously across the area encompassing the proposed routes. The greater part of the area is classified in terms of aquifer vulnerability as "Minor Aquifer Intermediate".
- 4.6.6 Whilst the aquifer and vulnerability classification relates to the solid and drift geology, a paucity of water supply from this aquifer is emphasised by the lack of abstraction boreholes in the area. A search of BGS records identified 6 borehole records within a 3km radius of Sparkford, of which 5 lie to the east of the proposed works. Extending the radius as a 3km wide corridor to the west of Podimore revealed a further two abstraction boreholes to the west of Sparkford.
- 4.6.7 A borehole is recorded at Hazlegrove House, situated 1.2km to the north of Sparkford, constructed in 1962 to a depth of 32m and with a reported yield of 1.2l/s. The two boreholes recorded to the west of Sparkford are adjacent to the existing route of the A303 and constructed in 1921 and 1931, with yields less than 1l/s. Neither of these are believed to be in existence today.
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- 4.6.8 The Dyrham Formation, outcropping some 2km to the east and 5km to the south of Sparkford, is defined as a minor aquifer (BGS, 2000) from which spring sources and shallow boreholes have provided both private and public supply. Further east and south, overlying Jurassic strata also provide modest supplies from minor aquifers including the Marlstone Rock Formation and the Cornbrash Formation. Thin limestones within these formations provide modest groundwater sources.
- 4.6.9 To the west, the closest major aquifer unit is the Otter Sandstone Formation (Permo-Triassic) at a distance of some 30km.
- 4.6.10 The nearest groundwater source protection zones (SPZ) published by the Environment Agency relate to:
- Thornton Waterworks, approximately 10km to the south of Sparkford. The outer zone (zone 2) extends to within about 7km of Sparkford.
 - Templecombe Waterworks, approximately 7.5km to the southeast of Sparkford. The outer zone (zone 2) extends to within about 3.5km of Sparkford.
- 4.6.11 Both of these are within the Inferior Oolite and neither of the sources have been allocated an SPZ 3.
- 4.6.12 The area lies within the South West River Basin District and is currently classified by the Environment Agency as “not assessed (unproductive strata)” for the purposes of the River Basin Management Plan.

Route Option F1

- 4.6.13 Hydrogeology in relation to Route F1 is similar to Route A2 (Section 4.6.1 above). There are minor differences as follows:
- Superficial deposits are recorded along the central part of the proposed route (Ch. 3000 – 3500 approximately) where the route is at its maximum distance from the existing A303. These deposits, recorded by the BGS as clay, silt, sand and gravel, may only marginally impact on the route. There are no borehole records held by the BGS that correspond to this part of the route.
 - River Terrace Deposits to the west of Sparkford may impact on the route at Sparkford Junction.
 - There are no proposed underbridges along the route.

Route Option B4

- 4.6.14 Route B4 is similarly aligned with Route F1 but the mid-section does not extend as far north. As a result, it is unlikely the route will encounter the superficial deposits to the north that extend in an east-west direction.
- 4.6.15 As the western end of the route has a more northerly alignment than A2, E4 and F1, the likelihood of encountering River Terrace Deposits near Podimore is reduced. Otherwise, the hydrogeological conditions remain the same as route F1.
- 4.6.16 There are no underbridges proposed for this route.

Route Option E4

- 4.6.17 Route E4 is slightly to the north of A2, resulting in some cutting earthworks in the eastern part of the route through Steart Hill and Camel Hill. As such, part of the route may coincide with the spring line recorded on Ordnance Survey maps and this increases the possibility of groundwater in relation to any excavation work.
- 4.6.18 Otherwise, the hydrogeology is broadly similar to Route A2. There is a slightly decreased likelihood of encountering River Terrace deposits at the western end of the route (Podimore) as the route is slightly further north than A2.
- 4.6.19 The single underpass at Downhead Lane is in area where alluvial deposits are not recorded. Three boreholes at this vicinity evidence the underlying strata as Blue Lias Formation with no alluvial deposits. Although water strikes were recorded at about 2 and 4mbgl, there is nothing to suggest significant inflows. One of the boreholes recorded very thin sand interbeds (1mm) within the mudstone, and with interbedded limestone at about 7.9mbgl. The possibility remains for inflow from this limestone to any excavation at a similar depth, although existing information recorded on the BGS website does not record any significant inflows.

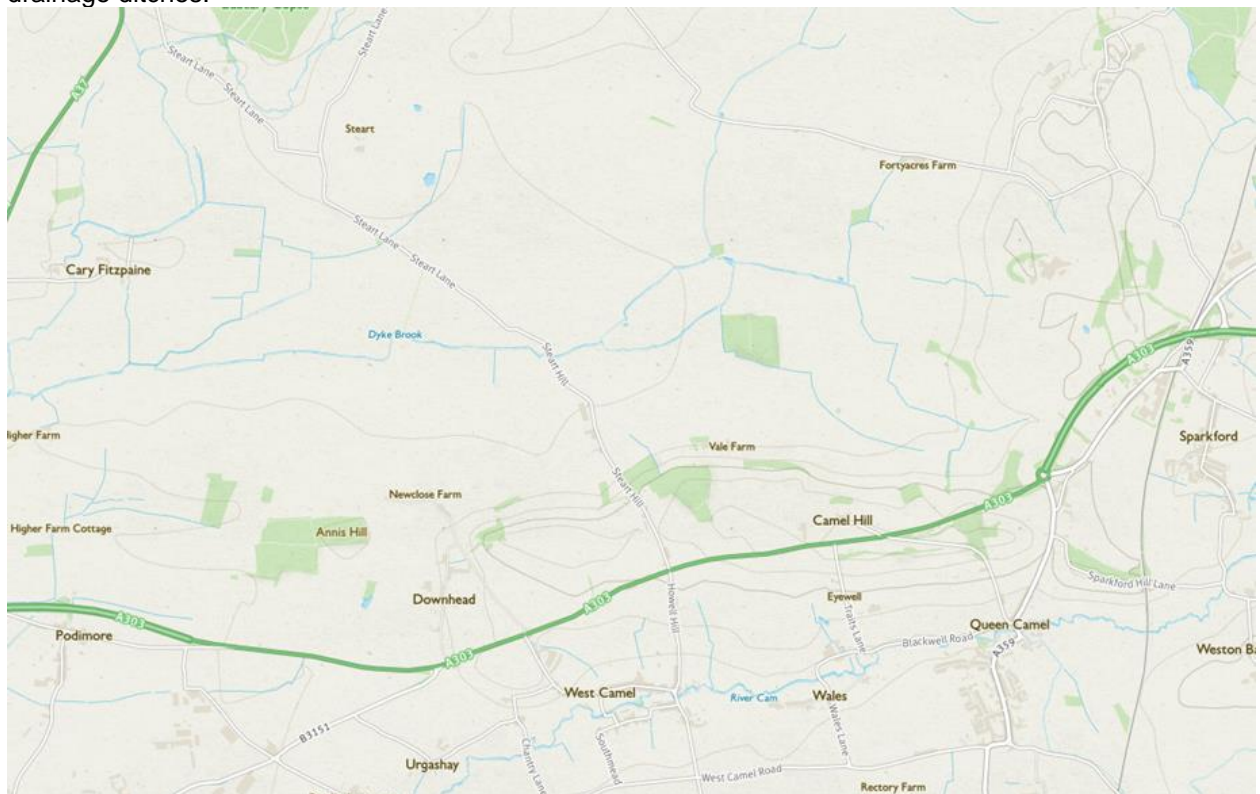
4.7 Hydrology

Route Option A2

- 4.7.1 The proposed route (refer to Appendix A.2) lies within the catchment of the River Cam to the south and the River Cary via Dyke Brook to the north. The River Cam runs approximately 500m south of the proposed route in a roughly parallel direction to the west before it joins the River Yeo at a confluence near Yeovilton. Dyke Brook ranges from being 1200m to 1650m north of the proposed route where it flows to the west in a roughly parallel direction and meets with the River Cary.

- 4.7.2 Closer to the proposed route numerous springs are shown, these are of lower elevation from the road and form tributaries to the River Cam. The springs are thought to form at the interface between the more permeable limestone and gravels and the less permeable Lower Lias.
- 4.7.3 Route option A2 follows closely the route of the existing road layout. Some of the fields near to the proposed route have linear drainage ditches which run along the boundaries of fields. The Ordnance Survey (OS) map of the area (Figure 4.2) indicate these drainage ditches appear to flow south into the River Cam. The proposed scheme does not cross any major existing water course, however there are eight existing culverts passing beneath the existing A303 carry drainage ditches⁹ and therefore would be similar for this proposed route.

Figure 4.2 The Ordnance Survey map showing the existing A303 and nearby watercourses, springs and drainage ditches.



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- 4.7.4 Information on hydrology and flood risk was obtained from the Environment Agency's 'interactive map' website. The Environment Agency surface water flood risk map (Figure 4.3) indicates a number of fields which lie close to the northern side of the proposed route show risk of surface water flooding from the drainage ditches. The Environment Agency define very low risk as 0.1% chance of flooding each year, low risk as 0.1 – 1% chance of flooding each year, medium risk as 1 – 3.3% chance of flooding each year and high risk as greater than 3.3% chance of flooding each year.

-
- 4.7.5 The proposed route is potentially at low risk of flooding approximately between Ch. 0m to 70m and there is medium and high risk of flooding approximately between Ch. 1300m to 1600m. In addition to this, the Environment Agency surface water flood risk map indicates there is a low and medium risk of surface water flooding in fields close to, and also on, the existing A303, between Steart Hill and Downhead Lane (Figure 4.3). The Environment Agency surface water flood risk map indicates there is very low risk of flooding along the rest of the proposed route.
- 4.7.6 Based on the Environment Agency river flood risk map there is very low risk of flooding on this proposed route from the River Cam. The Environment Agency indicate that this proposed route is in Flood Zone 1, which is defined as less than 0.1% chance of flooding occurring each year from rivers and sea. In addition to this, there is very low risk on the proposed route from reservoir flooding, based on the Environment Agency reservoir flood risk map³.
- 4.7.7 The 'lower River Cam' (Water body Id: GB108052015650), which lies south of the proposed route, has a 'moderate' overall water body classification in accordance with the Water Framework Directive. This classification is due to having moderate ecological and physicochemical quality elements. It is predicted to improve to 'good' ecological status, and therefore good overall water body classification for the 2021 Water Framework Directive.
- 4.7.8 The 'Cary – source to conf with KSD' (Water body Id: GB108052015140) currently has a 'moderate' overall water body classification in accordance with the Water Framework Directive. This classification is due to having moderate ecological, biological quality elements and physicochemical quality elements. The Cary is predicted to improve to 'good' overall water body classification by 2021. Dyke Brook is within the Cary water body.
- 4.7.9 This option follows closely the route of the existing road layout and overall, crosses fewer areas of lower risk from surface water flooding than other route options with the exception of route option B4 which shows a similar level of flood risk.

Figure 4.3 The Environment Agency surface water flood risk map showing the existing A303, Dyke Brook and the River Cam. Copyright of the Environment Agency.

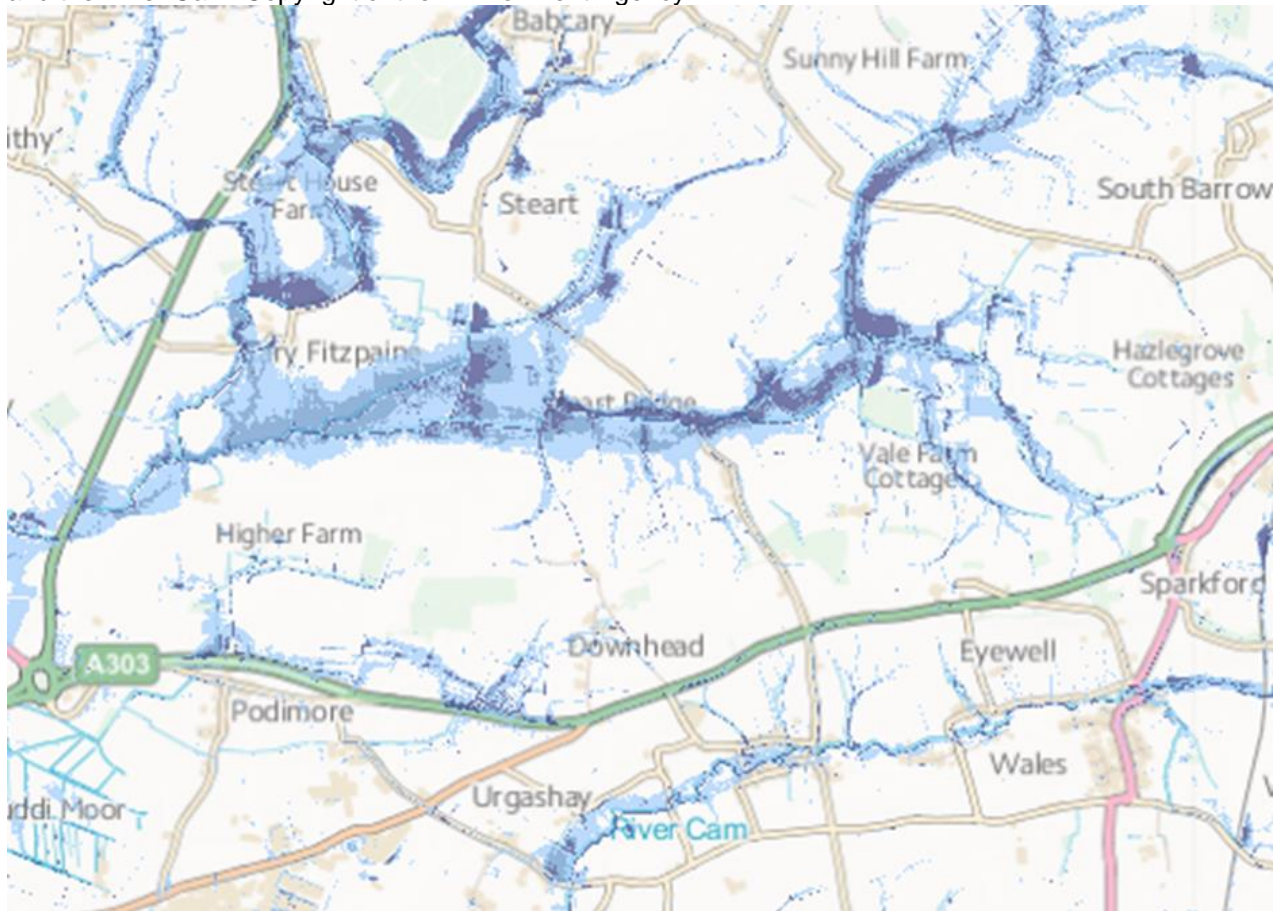


Figure 4.4 The Environment Agency surface water flood risk map showing flooding on the existing A303. Copyright of the Environment Agency.



Route Option F1

- 4.7.10 The proposed route (refer to Appendix A.3) lies within the catchment of the River Cam to the south and the River Cary via Dyke Brook to the north. The River Cam is approximately 1500m south of the proposed route and flows to the west before it joins the River Yeo at a confluence near Yeovilton. Dyke Brook ranges from being 250m to 1250m north of the proposed route where it flows to the west and meets with the River Cary, approximately 1200m north of where the proposed route joins the existing A303. Both watercourses run the length of the proposed route in a roughly parallel direction to the west.
- 4.7.11 There are eight culverts in place for the existing A303 that carry drainage ditches which drain into the brook and river. Dyke Brook and the River Cam are also fed by a number of springs that can be seen on the OS map of the area (Figure 4.1). There are three extended culverts within 5m of the proposed route, as identified in the Envirocheck report. Although the proposed route would not cross any major watercourses it would cross one tributary to Dyke Brook, which is spring fed, and one drainage ditch which lies along the boundary of a field near the existing A303. Culverts would need to be put in place in order for the proposed route to cross the watercourses. There are a large number of ponds

evident on the historical maps, which may suggest a high water table, or possibly due to the impeded drainage of the soil.

- 4.7.12 Information on hydrology and flood risk was obtained from the Environment Agency's 'interactive map' website³. The Environment Agency surface water flood risk map (Figure 4.2) indicates there is risk of flooding along the length of Dyke Brook. The Environment Agency define very low risk as 0.1% chance of flooding each year, low risk as 0.1 – 1% chance of flooding each year, medium risk as 1 – 3.3% chance of flooding each year and high risk as greater than 3.3% chance of flooding each year.
- 4.7.13 Although the topography of the land around the brook slopes down to the north, there are areas to the south of the brook with low to medium risk of surface water flooding. The area of surface water flooding originates from the brook and extends approximately 200m to the south, although this will not reach the proposed route, it will lie very close to it. There are a number of tributaries south of the brook that the proposed route crosses which show a low to medium risk of flooding that may impact upon the route. This is particularly evident between Ch. 900m and 1300m, 2500m and 3000m, and 4000m and 5000m. The Environment Agency surface water flood risk map indicates there is very low risk of flooding along the rest of the proposed route.
- 4.7.14 There is very low risk of fluvial flooding on this proposed route from the River Cam based on the Environment Agency river flood risk map. The Environment Agency indicate that this proposed route is in Flood Zone 1, which is defined as less than 0.1 % chance of flooding occurring each year from rivers and sea. In addition to this, there is very low risk on the proposed route from reservoir flooding, based on the Environment Agency reservoir flood risk map.
- 4.7.15 The 'lower River Cam' (Water body Id: GB108052015650), which lies south of the proposed route, has a 'moderate' overall water body classification in accordance with the Water Framework Directive. This classification is due to having moderate ecological and physicochemical quality elements. It is predicted to improve to 'good' ecological status, and therefore good overall water body classification by 2021.
- 4.7.16 The 'Cary – source to conf with KSD' (Water body Id: GB108052015140) currently has a 'moderate' overall water body classification in accordance with the Water Framework Directive. This classification is due to having moderate ecological, biological quality elements and physicochemical quality elements. The Cary is predicted to improve to 'good' overall water body classification by 2021. Dyke Brook is within the Cary water body.
- 4.7.17 This route crosses larger areas of low and medium flood risk, when compared to other route options.

Route Option B4

- 4.7.18 The proposed route (refer to Appendix A.4) lies within the catchment of the River Cam to the south and the River Cary via Dyke Brook to the north. The River Cam is approximately 1500m south of the proposed route and flows to the west before it joins the River Yeo at a confluence near Yeovilton. Dyke Brook ranges from being 500m to 1000m north of the proposed route, with the distance increasing towards the west. Dyke Brook flows to the west and joins the River Cary approximately 1200m north of where the proposed route is planned to join the existing A303. Both watercourses run the length of the proposed route in a roughly parallel direction to the west.
- 4.7.19 There are eight culverts in place for the existing A303 that convey drainage ditches into the brook and river. They are also fed by a number of springs that can be seen on the OS map of the area (Figure 4.1). Although the proposed route would not cross any major watercourses it would cross two tributaries to Dyke Brook, which are spring fed, and one drainage ditch, which lies along the boundary of a field near the existing A303. Culverts would need to be put in place in order for the proposed route to cross the watercourses. There are a large number of ponds evident on the historical maps, which may suggest a high water table, or possibly due to the impeded drainage of the soil.
- 4.7.20 The Environment Agency surface water flood risk map (Figure 4.2) indicates there is a risk of flooding in the fields that the proposed route would cross. The Environment Agency define very low risk as 0.1% chance of flooding each year, low risk as 0.1 – 1% chance of flooding each year, medium risk as 1 – 3.3% chance of flooding each year and high risk as greater than 3.3% chance of flooding each year. This is a result of drainage ditches that run along the boundary of the field and springs which flow north into Dyke Brook.
- 4.7.21 The main area at risk of flooding lies between Ch. 4500m and 5500m where four areas of the proposed route are at low risk of flooding. There is also low risk of flooding at Ch. 1700m to 2300m and Ch. 3000m to 3300m. At Ch. 0m to 300m there is high risk of surface water flooding around the drainage ditch which runs along the edge of the field and low risk of flooding extending from this into the field. These instances of low risk flooding could have some impact on the proposed route. The Environment Agency surface water flood risk map indicates there is very low risk of flooding along the rest of the proposed route.
- 4.7.22 Based on the Environment Agency river flood risk map there is very low risk of fluvial flooding on this proposed route from the River Cam. The Environment Agency indicate that this proposed route is in Flood Zone 1, which is defined as less than 0.1 % chance of flooding occurring each year from rivers and sea. In addition to this, there is very low risk on the proposed route from reservoir flooding, based on the Environment Agency reservoir flood risk map.
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- 4.7.23 The 'lower River Cam' (Water Body Id: GB108052015650), which lies south of the proposed route, has a 'moderate' overall water body classification in accordance with the Water Framework Directive. This classification is due to having moderate ecological and physicochemical quality elements. It is predicted to improve to 'good' ecological status, and therefore good overall water body classification by 2021.
- 4.7.24 The 'Cary – source to conf with KSD' (Water Body Id: GB108052015140) currently has a 'moderate' overall water body classification in accordance with the Water Framework Directive. This classification is due to having moderate ecological, biological quality elements and physicochemical quality elements. The Cary is predicted to improve to 'good' overall water body classification by 2021. Dyke Brook is within the Cary water body.
- 4.7.25 This route follows a similar route to F1 which runs north east towards Dyke Brook, but passes south of Steart Hill farm. As the route does not run as close to Dyke Brook as option F1, it does not pass through as many areas of flood risk. This route is subject to a similar level of flood risk to option A2.

Route Option E4

- 4.7.26 The proposed route (refer to Appendix A.5) lies within the catchment of the River Cam to the south and the River Cary via Dyke Brook to the north. The River Cam runs approximately 800m south of the proposed route in a roughly parallel direction to the west before it joins the River Yeo at a confluence near Yeovilton. Dyke Brook ranges from being 900m to 1500m north of the proposed route and flows to the west where it joins the River Cary. Both watercourses run the length of the proposed route in a roughly parallel direction to the west.
- 4.7.27 Although the proposed route would not cross any major watercourses it would cross a tributary to Dyke Brook, located to the east of the proposed route. Due to this, a culvert would need to be put in place in order for the proposed route to cross the watercourse. Drainage ditches lie at the boundary of a field near the existing A303 towards the west between Ch. 0m and 700m and 1500m and 2000m, which the proposed route will run alongside. The OS map of the area (Figure 4.1) indicates these drainage ditches appear to flow south into the River Cam. There are eight culverts in place for the existing A303 that convey drainage ditches into the brook and river. They are also fed by a number of springs that can be seen on the OS map of the area (Figure 4.1). There are a large number of ponds evident on the historical maps, which may suggest a high water table, or possibly due to the impeded drainage of the soil.
- 4.7.28 The Environment Agency surface water flood risk map (Figure 4.2) indicates there is a risk of flooding in the fields that the proposed route would cross. The Environment Agency define very low risk as 0.1% chance of flooding each year,

low risk as 0.1 – 1% chance of flooding each year, medium risk as 1 – 3.3% chance of flooding each year and high risk as greater than 3.3% chance of flooding each year. This is a result of drainage ditches that run along the boundary of the field and springs which flow north into Dyke Brook.

- 4.7.29 The Environment Agency surface water flood risk map indicates the proposed route is at low risk of flooding approximately between Ch. 0m to 70m and there is medium and high risk of flooding approximately between Ch. 1400m to 1800m due to the drainages ditches. Towards the east of the proposed route, between Ch. 4500m and 5500m, there are four areas which are at low risk of flooding due to the springs flowing to Dyke Brook. This risk of flooding could have an impact on the proposed route. The Environment Agency surface water flood risk map indicates there is very low risk of flooding along the rest of the proposed route.
- 4.7.30 Based on the Environment Agency river flood risk map there is very low risk of fluvial flooding on this proposed route from the River Cam. The Environment Agency indicate that this proposed route is in Flood Zone 1, which is defined as less than 0.1% chance of flooding occurring each year from rivers and sea. In addition to this, there is very low risk on the proposed route from reservoir flooding, based on the Environment Agency reservoir flood risk map.
- 4.7.31 The lower River Cam (Water Body Id: GB108052015650), which lies south of the proposed route, has a 'moderate' overall water body classification in accordance with the Water Framework Directive. This classification is due to having moderate ecological and physicochemical quality elements. It is predicted to improve to 'good' ecological status, and therefore good overall water body classification by 2021.
- 4.7.32 The Cary – source to conf with KSD (Water Body Id: GB108052015140) currently has a 'moderate' overall water body classification in accordance with the Water Framework Directive. This classification is due to having moderate ecological, biological quality elements and physicochemical quality elements. The Cary is predicted to improve to 'good' overall water body classification by 2021. Dyke Brook is within the Cary water body.
- 4.7.33 This proposed route follows a similar route to the existing A303 but is situated between 100 and 300m north of the A303 after Ch. 1500m. Due to this it passes through a larger area that is at low to medium risk of flooding from surface water. To the east of the proposed route it follows a similar path to B4 from Ch. 4700m. This route is subject to slightly higher level of flood risk to option A2 and B4.

4.8 Soil survey

4.8.1 The MAGIC online map viewer (available at: <http://www.magic.gov.uk/>, accessed March 2015) shows a map of the soil types present along the proposed route.

Route Option A2

4.8.2 Two different soil types are shown along route A2. At Ch. 0m to 2000m the soil is described as slightly acid, loamy and clayey soils with impeded drainage. From Ch. 2000m to the eastern end of the route the soil is described as lime-rich loamy and clayey soils with impeded drainage. The lime rich soils suggest the soil could be derived from the Blue Lias Formation.

Route Option F1

4.8.3 Two different soil types are shown along the route F1. At Ch. 0m to 2000m the soils are described as lime-rich loamy and clayey soils with impeded drainage. The lime rich soil suggest the soil could be derived from the Blue Lias Formation. From a Ch. 2000m to 2700m the soil is described as slightly acid, loamy and clayey soils with impeded drainage. Ch. 2700m to 4200m is described as loamy and clayey floodplain soils with naturally high groundwater. Ch. 4200m to 600m is composed of the lime-rich soils again.

Route Option B4

4.8.4 Refer to section 4.8.3 on Route Option F1.

Route Option E4

4.8.5 Two different soil types are shown along the route E4. At a chainage of approximately 0-2000m the soils are described as slightly acid, loamy and clayey soils with impeded drainage. From Ch. 2000m to the eastern end of the road the soil is described as Lime-rich loamy and clayey soils with impeded drainage. The lime rich soils suggest the soil could be derived from the Blue Lias Formation.

4.9 Land use

Route Option A2

4.9.1 The principal land use throughout the area of interest is agriculture. The agriculture is varied including arable farming and pasture for dairy farming.

Route Option F1

4.9.2 The principal land use throughout the area of interest is agriculture. The land has mainly been put to pasture and is used for dairy cattle. In some areas around the proposed route the area is used for residential and commercial properties.

Route Option B4

4.9.3 Refer to section 4.9.2 on Route Option F1.

Route Option E4

4.9.4 The principal land use throughout the area of interest is agriculture. The MAGIC Online map viewer identifies that much of the land has been put to pasture and is used for dairy cattle, while some is used for arable farming.

4.10 Man-made features

Route Option A2

4.10.1 The principal man-made feature for route option A2 is the existing highway network. Also important are the towns of Sparkford and Podimore at either end of the proposed route and the numerous smaller settlements including Downhead, Camel Hill and West Camel.

4.10.2 Several disused quarry sites are present in the area of the scheme, however, these are generally shallow, with the exception of the marked landfill (refer to Section 4.11). These features are not shown located directly on this proposed route alignment.

4.10.3 Made ground is encountered within boreholes to a maximum depth of 1.4m. The material is variable, generally described as, sandy clay with fragments of brick, concrete and hardcore. Made ground is anticipated with the existing road construction, generally comprising asphalt over DoT Type 1 sub-base.

Route Option F1

4.10.4 The principal man-made feature for this route option is the existing highway network. Also important are the towns of Sparkford and Podimore at either end of the proposed route and the numerous smaller settlements including Downhead and Camel Hill.

4.10.5 No quarry sites are directly within the alignment although the proposed route just passes the corner of the landfill 'Land Adjacent to Hazlegrove Park' (refer to Section 4.11).

Route Option B4

4.10.6 Refer to section 4.10.2 on Route Option F1.

Route Option E4

4.10.7 The principal man-made feature for this route option is the existing highway network, this is on the route up to Ch.1300m and then runs roughly parallel to the route 200-400m to the north. Also important are the towns of Sparkford and Podimore at either end of the proposed route and the numerous smaller settlements including Downhead, Camel Hill and West Camel.

4.10.8 Several quarry sites are present in the area of the scheme. One quarry is indicated to be located on the line of the route. It is unknown whether this quarry is infilled, and may require further investigation.

4.11 Geo-environmental and possible contamination issues

Route Option A2

4.11.1 Two registered landfill sites have been identified which are no longer operational.

4.11.2 Camel Hill Quarry is situated between the A303 Services and Gason Lane. The EA website (*What's in Your Backyard*) states the site was operational between 29/11/1989 and 5/06/1992 and waste streams may include industrial and inert materials. The indicated location is approximately 200m south east of the existing A303. All of the four proposed routes are to the north of the existing alignment in this area (Ch. 5000m). This site is also referenced in the Envirocheck report (Appendix B).

4.11.3 The second site is Land Adjacent to Hazlegrove Park, Sparkford Bypass. This is situated immediately north of the A303 and is traversed by the proposed routes between Ch.5600m and 5900m. The EA website (*What's in Your Backyard*) states the site was operational between 22/06/1989 and 20/06/1990 and waste streams may include household and inert materials. The OS maps reviewed do not indicate the presence of a refuse heap in this area.

4.11.4 The historical landfill sites are potential sources of ground gas and leachate which may present risks to the proposed scheme. The close proximity of the latter site to the proposed route presents an increased level of risk.

4.11.5 The presence of Made Ground is otherwise generally likely to be associated with the existing road construction and the immediate environs of the route corridor. In addition, Made Ground is likely to exist in the vicinity of the disused quarries in the Howle Hill - Camel Hill Farm area (Ch.3200m to 4200m). The

composition of the material within the former quarries is unknown and may present potential sources of soil and groundwater contamination.

- 4.11.6 Consultation has been made with DEFRA regarding the location of Foot and Mouth burial sites within the scheme area. The State Veterinary Services reports that there were no Foot and Mouth cases within the district and that the nearest burial site is to the west of Taunton.
- 4.11.7 An unexploded ordnance (UXO) pre-desk study assessment of the route by Zetica (Appendix C) has identified a likely low UXO hazard level. The report refers to a WWII aircraft crash site at Camel Cross (no further location details provided). It is possible that the site of a military aircraft crash may present a constraint e.g. Home Office permit to excavate, possible localised presence of contamination from fuel residues etc.
- 4.11.8 Bulk fuel storage and vehicle repair and maintenance at the Corngore Corner and Gason Lane filling station are potential sources of contamination. Leaks and accidental releases may have given rise to localised pollution of groundwater and soils in the vicinity.
- 4.11.9 The land at the former timber yard at Sparkford was redeveloped during construction of the A303. This area is not indicated to form part of the proposed construction scheme.

Route Option F1

- 4.11.10 One registered landfill site has been identified. The site at Hazlegrove Park lies in close proximity to the proposed route at Ch. 6000m. Please refer to comments presented in section 4.11.
- 4.11.11 The Envirocheck report identifies a Licensed Waste Management Facility at Steart Hill Farm. This relates to the use of waste in construction, dated 8/2/2012. No further details are available. Steart Hill Farm lies in proximity to the route alignment at Ch.3250m.
- 4.11.12 No significant quantities of Made Ground are expected at the scheme, other than that associated with the existing road construction.
- 4.11.13 Consultation has been made with DEFRA regarding the location of Foot and Mouth burial sites within the scheme area. The State Veterinary Services reports that there were no Foot and Mouth cases within the district and that the nearest burial site in to the west of Taunton.
- 4.11.14 A UXO pre-desk study assessment by Zetica has identified that the site is likely to have a low Unexploded Ordnance hazard level, therefore no further UXO investigation is required.

Route Option B4

4.11.15 Refer to section 4.11 on Route Option F1.

Route Option E4

4.11.16 Two registered landfill sites have been identified at the scheme which are no longer operational.

4.11.17 Camel Hill Quarry is situated between the A303 Services and Gason Lane. The EA website (What's in Your Backyard)³ states the site was operational between 29/11/1989 and 5/06/1992 and waste streams may include industrial and inert materials. The indicated location is approximately 200m south east of the existing A303 and 500m south of the proposed alignment in this area (Ch.5000m). This site is also referenced in the Envirocheck report (Appendix B).

4.11.18 The second site is Land Adjacent to Hazlegrove Park, Sparkford Bypass. This is situated immediately north of the A303 and is traversed by the proposed route between Ch.5600m and 5900m. The EA website (What's in Your Backyard) states the site was operational between 22/06/1989 and 20/06/1990 and waste streams may include household and inert materials. The OS maps reviewed do not indicate the presence of a refuse heap in this area.

4.11.19 The historical landfill sites are potential sources of ground gas and leachate which may present risks to the proposed scheme. The close proximity of the latter site to the proposed route presents an increased level of risk.

4.11.20 The presence of Made Ground is otherwise generally likely to be associated with the existing road construction and the immediate environs of the route corridor. In addition, Made Ground is likely to exist in the vicinity of the disused quarries in the Howle Hill - Camel Hill Farm area (Ch.3200m to Ch.4200m). The composition of the material within the former quarries is unknown and may present potential sources of soil and groundwater contamination.

4.11.21 Consultation has been made with DEFRA regarding the location of Foot and Mouth burial sites within the scheme area. The State Veterinary Services reports that there were no Foot and Mouth cases within the district and that the nearest burial site is to the west of Taunton.

4.11.22 A UXO pre-desk study assessment by Zetica has identified that the site is likely to have a low Unexploded Ordnance hazard level, therefore no further UXO investigation is required.

4.12 Statutory service providers

- 4.12.1 No specific enquiries have been made to statutory service providers as part of the Preliminary Sources Study.

5 Ground conditions

5.1 General

5.1.1 The following sections outline the anticipated geology along each of the proposed routes. Ground conditions have been inferred from study of the published geological information (Section 4.4) and the information contained within the reports from previous investigations (Section 3.2).

5.1.2 The weathered Lower Lias argillaceous strata are generally described as engineering soils (clay of variable consistency) at shallow depth. Highly weathered strata may be described as ‘destructured’ and also ‘reworked’ if evidence of transport is noted. With increasing depth the weathering grade tends to decrease and the material fabric and structure are more apparent, therefore, descriptive terms in accordance with BS5930:2015, Approach 4 are presented in Table 5.1 and they are used under this cover.

Table 5.1: Classification of material and mass features

Approach 4, classification incorporating material and mass features		
Class	Classifier	Typical Characteristics
A	Unweathered	Original strength, colour, fracture spacing.
B	Partially Weathered	Slightly reduced strength, slightly closer fracture spacing, weathering penetrating in from fractures, brown oxidation.
C	Distinctly Weathered	Further weakened, much closed fracture spacing grey reduction.
D	Destructured	Greatly weakened, mottled, ordered lithographic in matrix becoming weakened and disordered bedding disturbed.
E	Residual or Reworked	Matrix with occasional altered random or “apparent” lithorelics, bedding destroyed. Classed as reworked when foreign inclusions are present as result of transportation.

5.1.3 In addition, the terms ‘Lower Lias Clay’, ‘Lower Lias Mudstone’, ‘Lower Lias Siltstone’, and ‘Lower Lias Limestone’ are included in rock descriptions. Further differentiation into ‘White Lias’ and ‘Blue Lias’ is also apparent.

5.1.4 Analysis of the likely geotechnical design parameters will be included in the Ground Investigation Report (GIR) which will follow this submission. Some preliminary assessment has been included in Section 5.3.

5.2 Anticipated strata

5.2.1 The majority of the previous boreholes along or near the line of the existing road are generally shallow, to depths of less than 5m. However there are some deeper boreholes that give an indication of the underlying geology.

- 5.2.2 Limited information has been obtained concerning the disused quarries discussed in section 4. The quarries became disused in the late 1800's and are unlikely to be filled to an engineering specification.
- 5.2.3 The information reviewed indicates the general sequence of deposits in the region of the scheme comprises:
- Topsoil / Made Ground
 - Alluvium / Taelle Gravel (Routes F1 and B4)
 - Terrace Deposits (All Routes near Podimore and Sparkford)
 - Lower Lias Clay/Mudstone/Siltstone/Limestone (Generic)
 - Blue Lias Clay/Mudstone/Limestone (Routes A2 and E4 at Camel Hill)
 - White Lias Clay/Mudstone/Limestone (Routes A2 and E4 at Camel Hill)
 - Westbury Formation and Cotham Member Limestone (Routes A2 and E4 at Camel Hill).

Route Option A2

- 5.2.4 There are approximately 80 No. relevant exploratory boreholes along the route of the existing road. These boreholes provide information on the ground conditions for Route Option A2.

Podimore to Eastmead Lane chainage 0-2000m

- 5.2.5 There are 17 borehole records available for this area. The boreholes generally show a thin layer of topsoil up to 0.5m thick, underlain by predominantly firm to very stiff, light grey to grey clay. Some layers contain calcareous material (shells and concretions). There are occasional thin beds of slightly laminated mudstone these strata are thought to comprise the Lower Lias.

Downhead Lane Junction Overbridge chainage 2000-3500m

- 5.2.6 There are 23 boreholes on or close to the line of the proposed route. This chainage shows the transition from the flat vale into the lower slopes of Camel Hill. Around Ch. 2000m the boreholes record generally stiff to very hard, grey, silty clay, sometimes containing shells. A thin layer of topsoil around 0.3m thick overlays variable thickness deposits of sand and gravel superficial deposits. Rockhead is recorded at a maximum depth of 8m bgl.
- 5.2.7 The Camel Hill fault crosses the proposed route at a chainage of approximately 3200m. Approximately 100m east of the fault line borehole records show the presence of the Westbury Formation and Cotham Member limestone beds, approximately 5m thick, at 9m bgl. The limestone is described as very strong, light grey and fine grained. Weathering is described as occasional brown surface staining on fracture surfaces, the fractures are variable but most

commonly are vertical fractures, irregular, stepped and rough. The Blue Lias Formation is above the Westbury Formation and is approximately 6m thick, it is thought to have been up-thrown between two subsidiary faults.

Traits Lane Underbridge chainage 3500-5000m

- 5.2.8 Available boreholes show a thin layer of superficial deposits to a max depth of 1.45m, generally described as brown sand and gravel. Below this limestone is proved to a depth of 15m bgl (base of exploratory holes). The limestone has been identified as the Blue Lias Formation, described as strong to very strong, light to dark grey micritic limestone; the fractures are generally closely spaced.
- 5.2.9 To the south of the road up to 1m thick deposits of gravel are recorded. These represent River Terrace deposits and are described as very dense, orange to brown, slightly clayey, sandy gravel. *Gravel deposits are not identified within the boreholes on the line of the road.*

Sparkford Junction Overbridge chainage 5000-6000m

- 5.2.10 There are 14 boreholes along the existing road within this chainage. A layer of topsoil is logged to an average depth of approximately 0.3m below ground level. This is occasionally underlain by moderately dense gravel to a maximum of 0.7m thick, identified as River Terrace deposits. In some boreholes the gravel is not present and the site is underlain by Lower Lias clay and mudstone. *The clay is generally described as firm to stiff increasing in strength with depth.*

Route Options F1 and B4

- 5.2.11 The borehole records available for these routes are limited to those sections which tie-in with the existing highway alignment. No borehole information is available for the proposed route B4 east of Eastmead Lane between Ch. 600m and 5000m. This is also the case for route F1 east of Ch. 1200m. The BGS geological map and BGS Geology of Britain Viewer data for these parts of the routes is presented in section 4.4.

Sparkford Junction Overbridge, chainage 5000m-6000m

- 5.2.12 Refer to section 5.2

Route Option E4

- 5.2.13 This route option primarily follows a line approximately 200m north of route option A2 in a roughly parallel direction. There are few boreholes on the alignment of the route. The anticipated ground conditions may be approximated to those described above for route A2 with the following exception.

Howle Hill, chainage 3500m

5.2.14 A trial pit to the north of the alignment excavated to a depth of 1.5m bgl recorded quarry waste to a depth of 1.0m underlain by limestone. The quarry waste is described as firm silty sandy clay and limestone rubble.

5.3 Material properties

5.3.1 The material properties shown in Table 5.2 are taken directly from the Mott MacDonald 2004 geotechnical report⁹. The report was produced for a single option (generally along the Route Option A2), therefore the parameters should not be considered as site wide across the four options. They are presented for information purpose only.

Table 5.2: Summary of geotechnical material properties (provided in the 2004 Mott MacDonald Report).

Stratum	Material properties	Characteristic value	Rationale	Reference
Sand and Gravel Terrace Deposits	Unit weight (KN/m ³)	19	Published value	Mott MacDonald, 2004
	Angle of friction, ϕ (°)	33	Published value	Mott MacDonald, 2004
Lower Lias (Cohesive)	Unit weight (KN/m ³)	19	Published value	Mott MacDonald, 2004
	Undrained shear strength, c_u (KN/m ²)	40, Increases with depth to 200 at 10m's depth	From SPT data	Mott MacDonald, 2004
	Angle of friction, ϕ (°)	23	Published value	Mott MacDonald, 2004
Blue Lias Clay/ Mudstone (Cohesive)	Unit weight (KN/m ³)	19	Published value	Mott MacDonald, 2004
	Undrained shear strength, c_u (KN/m ²)	40	Published value	Mott MacDonald, 2004
	Angle of friction, ϕ (°)	23	Published value	Mott MacDonald, 2004
Blue Lias Limestone (Granular)	Unit weight (KN/m ³)	24	Published value	Mott MacDonald, 2004
	UCS (MPa)	20	Published value	Mott MacDonald, 2004
White Lias Limestone (Granular)	Unit weight (KN/m ³)	24	Published value	Mott MacDonald, 2004
	UCS (MPa)	50	Published value	Mott MacDonald, 2004
Westbury Beds Mudstone	Unit weight (KN/m ³)	19	Published value	Mott MacDonald, 2004
	Undrained shear strength, c_u (KN/m ²)	150	Published value	Mott MacDonald, 2004
	Angle of friction, ϕ (°)	25	Published value	Mott MacDonald, 2004

5.4 Significant geological formations

5.4.1 The BGS provides the following observations on the Lias Group strata which underlie the majority of each proposed route alignment:

- Much of the Lias has high pyrite and sulphate content and is responsible for high levels of thaumasite concrete attack.
- Lias clays contain the clay mineral smectite, and are hence prone to swelling and shrinking. The smectite content of the Lias Group is variable, and whilst the Lias overall has a 'medium' volume change potential rating, some formations contain smectite-rich layers which have a 'high' rating.
- The Lias Group rocks are recorded as having the highest incidence of landsliding in the UK. The Upper Lias (Whitby Mudstone Formation) having as many as 42 landslides per 100 km² of outcrop.

5.4.2 The Camel Hill Fault is the most significant fault in the area and strikes roughly east-west. The fault bounds the southern edge of Camel Hill, down-throwing the strata to the south by an unspecified amount.

5.5 Groundwater conditions

5.5.1 Expected groundwater conditions will be influenced by the depth of the Blue Lias Formation and the presence and composition of the overlying superficial deposits. Where superficial deposits are present, typically along the western part of routes F1 and B4, any granular deposits will have the potential to hold moderate quantities of groundwater above impermeable bedrock. There are, however, thin limestone interbeds within the Blue Lias Formation that have the potential to provide some groundwater.

5.5.2 Site investigation boreholes constructed by the BGS for Mott MacDonald (Supplementary Investigation in 2003, for example, S1, S3, S4, S5, S7, S8) close to the existing route of the A303 showed either no shallow groundwater strikes or water strikes in thin limestone interbeds in the Blue Lias Formation between about 2 and 5m in depth. With no rise in levels after 20 mins, large inflows are not expected but heavy rainfall may have an immediate effect. These boreholes were constructed where superficial deposits were virtually absent. On the southern slopes of Camel Hill, groundwater strikes are at elevations around and above 40m AOD and reflect groundwater in granular deposits resting on underlying impermeable beds within the Blue Lias Formation. A corresponding series of springs is recorded on the O.S 1:25,000 map of the area.

5.5.3 Further boreholes to the west of the route options (2003, for example, R3, R6 and R8) revealed superficial deposits overlying the Blue Lias Formation with water strikes within both gravel deposits and limestone interbeds.

5.6 Coal mining and brine excavation

- 5.6.1 According to records on the Coal Authority Interactive Viewer it is unlikely that any coal mine workings present or past are on the site. Brine excavation is not anticipated within the vicinity of the site based on the geology of the surrounding area.

6 Preliminary engineering assessment

- 6.1.1 A general preliminary engineering assessment is covered in the 2003 Preliminary Source Study Report (PSSR) and the 2004 Geotechnical Report⁹, both undertaken by Mott MacDonald. These reports are related to a specific route previously proposed by Mott MacDonald, which is now considered as a superseded alignment. However, the superseded route is broadly similar to the proposed route A2.
- 6.1.2 Mott MacDonald Sweco Joint Venture has independently assessed the engineering geology and geotechnical consideration of the proposed scheme based on the current geotechnical information where relevant.

6.2 General

- 6.2.1 The relevant earthworks along the route of the four proposed options (A2, B4, F1 and E4) are discussed separately within sections 6.2 and 6.3. Proposed structures are discussed in section 6.4.
- 6.2.2 The assessments consider the anticipated ground conditions based on previous site investigation work as far as practicable. However, there is a paucity of exploratory excavations along the full extent of each route option. The general anticipated geological sequence underlying the site is presented in section 5. This also describes the weathering profile of the strata and the associated descriptive terms which are used in the exploratory hole logs.
- 6.2.3 With regard to generic engineering properties of the weathered Lias mudrocks, relict shear planes have been previously identified. These are of importance to the proposed earthworks and structures in consideration of both short and long-term stability risks. They present potential zones of instability within proposed cuttings dependent on their elevation and orientation in the soil profile. Loadings and increases in pore pressure associated with new structures and embankments may give rise to remobilisation of any extant underlying relict shear planes.

6.3 Cuttings

- 6.3.1 The locations and details of the proposed cuttings along the proposed routes and the underlying geology are summarised in Table 6.1 by reference to chainage.
- 6.3.2 The geology of the cuttings along route A2 has been determined from the historical site investigation information where available (refer to the 2004 Sparkford to Ilchester Geotechnical Report⁹ and the Online British Geological Survey (BGS) map). This data relates to a superseded route alignment, which is shown to be broadly similar to the route option A2. Therefore, with exception of

a few localised areas, the information determined is not appropriate for the proposed route options B4, E4 and F1.

- 6.3.3 In the absence of specific site investigation data across broad sections of the route options B4, F1 and E4, the geology of the cuttings along these routes has been locally determined from the exploratory holes in close proximity to each section. No geological information is provided for those locations where no exploratory holes have been undertaken in close proximity to the routes.
- 6.3.4 The Lower Lias is predominantly encountered as firm to very stiff slightly sandy gravelly clay with a weathering grading of destructured to weathered at depths varying between 1.5m and 3.0m. This stratum is generally underlain by a layer of partially weathered to unweathered Lower Lias predominantly described as very weak to weak thinly laminated Mudstone. This layer is considered as the potential competent layer of Lower Lias and it is generally encountered at 0.9m to 3.0m.
- 6.3.5 The Blue/White Lias is predominantly described as strong to very strong fine-grained limestone with occasional interbeds of weak Mudstone. This layer is anticipated to have higher strength compared to the Lower Lias deposits.
- 6.3.6 The Blue/White Lias is generally recorded to have a dip angle of between 10 to 20°. The latter are likely to present a controlling influence on the rock mass properties and it is anticipated that any slope failures are likely to occur as blocks along the potential joints and beddings with respect to the orientation of the cut slope. Therefore, steeper cut slope angles of 1V:2H may be achievable within this stratum. However, further slope stabilising design solutions may be required where this stratum is considered unstable due to presence of joints and beddings. This extends to excavation as well as structural integrity considerations including the propensity for translational (planar) failure where kinematic conditions are feasible or may be instigated during the works. Geotechnical constraints are discussed in section 6.11.
- 6.3.7 The proposed cutting slope gradient across each route option is anticipated to vary according to the location, the underlying geology, groundwater conditions and the geometry of each slope.
- 6.3.8 For cutting slopes in the Lower Lias greater than 5m high, the Mott MacDonald geotechnical report⁹ recommended that slopes as shallow as 1V:5H would be more economical over 10 years in comparison to steeper slopes, based on work undertaken by Reid & Clark (2000) on maintenance costs. However, at this stage and in the absence of site specific geotechnical data, this slope angle is considered conservative and slopes of up to 1V:3H should be used for preliminary design. Where relict shear surfaces are identified during investigative works, shallower slopes to 1V:5H will likely be required. Where

shallower slopes are not achievable, design solutions such as reinforced soil or soil nailed slopes can be adopted. The White Lias and Blue Lias have higher material strength than the Lower Lias and can be constructed at steeper slope angles.

- 6.3.9 Considering the anticipated rock strength of the White Lias and Blue Lias it is likely that excavation by ripping would be required.
- 6.3.10 The management of the excavation arisings and their re-use criteria are discussed in section 6.4 under this cover.
- 6.3.11 Shallow water levels were encountered at various chainages across the proposed routes. The proposed design should consider these when analysing the stability of the slopes.
- 6.3.12 Further site investigation of the preferred route option is recommended and this is discussed in detail in Annex A.

Table 6.1: Summary of proposed cuttings

Option A2 cuttings				
Chainage (m)¹	Max depth (m)	Min depth (m)	Solid geology	Superficial geology
440-540	0.6	0.3	Lower Lias comprising: 2.1m of engineering soil overlaying the competent unweathered rock	No superficial deposits encountered.
800-1160	2.2	0.5	Lower Lias Comprising: 1.4m of reworked material over 1.0m weathered rock overlaying partially weathered rock to a depth of 2.6m	No superficial deposits encountered.
1,880-3,180	10.5	0.3	Typically, 2.0m Reworked Lower Lias over destructured to weathered rock to 3.0m bgl over partially weathered rock to 7m.	Localised Possible Reworked Colluvium (Ch. 2300m to 2500m) Localised Sand and Gravel (Ch. 3000m to 3200m) Localised made ground (Ch. 2400m)
3,760-3,900	1.179	0.3	Blue and White Lias dipping at 10° to 20° ¹	No superficial deposits encountered
4,220-4,460	2.0	0.4	Blue/White Lias ⁴	No superficial deposits encountered
5,340-5,920	6.908	0.4	Lower Lias comprising 0.6m destructured rock over 2m of weathered to partially weathered rock overlaying unweathered rock at approximately 2.5m.	Made Ground (Possible landfill) ²

				River Terrace Deposits of Sand and Gravel at (Ch. 5600m) Localised Made Ground (Ch. 5700m to 6000m)
Option B4 cuttings				
Chainage (m)¹	Max depth (m)	Min depth (m)	Solid geology	Superficial geology
920-1900	3.685	0.3	No data available	No data available
3,940-5,900	6.433	0.266	Blue/White Lias and Lower Lias from Ch.4500m to 5900m comprising 0.6m destructured rock over 2m of weathered to partially weathered rock overlaying unweathered rock at approximately 2.5m.	Made Ground (Possible landfill) ²
Option F1 cuttings				
Chainage (m)¹	Max depth (m)	Min depth (m)	Solid geology	Superficial geology
1,460-1,980	5.124	0.1	No data available	Possible alluvium and Teale gravel
2,020-2,240	0.493	0.1	No data available	No data available
4,460-4,560	0.394	0.2	No data available	No data available
4,620-4,640	0.2	0.2	No data available	No data available
4,760-5,320	1.485	0.5	No data available	No data available
5,440-6,020	6.407	0.244	No data available	No data available
Option E4 cuttings				
Chainage (m)¹	Max depth (m)	Min depth (m)	Solid geology	Superficial geology
500-1100	2.0	0.6	Lower Lias comprising: 2.1m of engineering soil overlaying the competent unweathered rock.	No superficial deposits encountered.
2,800-4,300	11.2	0.9	Lower Lias to Ch. 3200m ⁴ Blue/ White Lias from Ch. 3200m ⁴	No superficial deposits encountered.
5,200-5800	6.398	0.2	Blue/White Lias and Lower Lias comprising 0.6m destructured rock over 2m of weathered to partially weathered rock overlaying unweathered rock at approximately 2.5m.	Made Ground (Possible landfill) ²

Notes:

- 1 Chainages not covered in Tables 6-1 and 6-2 are at grade.
- 2 Not encountered during the 2003 investigations. Anticipated to be present due to presence of the landfill in close proximity.
- 3 Ch. 0.0 to 40m lies over the existing A303 road.

- 4 Sufficient information about the weathering estate not available, however, it is anticipated likely that weathered rock of different grading (Refer to Table 5.1) will be encountered.

6.4 Embankments

- 6.4.1 The information about the underlying geology of the embankments along option route A2 is determined from the historical site investigation undertaken in 2003 (refer to Sparkford to Ilchester Geotechnical Report, 2004⁹). The underlying geology of the embankments along other routes are determined from the exploratory holes undertaken during the site investigation at close proximity, where present. Where no exploratory holes are present along the proposed routes, no information about the geology is provided.
- 6.4.2 It is suggested that further site investigation is undertaken along the route of the preferred option.
- 6.4.3 The Lower Lias is predominantly encountered as firm to very stiff slightly sandy gravelly clay with a weathering grading of weathered at depths varying between 3.0m and 3.6m. This stratum is generally underlain by a layer of partially weathered Lower Lias predominantly described as very weak to weak thinly laminated Mudstone. This layer is considered as the potential competent layer of Lower Lias.
- 6.4.4 The Blue/White Lias is predominantly described as strong to very strong fine-grained limestone with occasional interbeds of weak Mudstone. This layer is generally recorded to have a dip angle of between 10 to 20°. The latter are likely to present a controlling influence on the rock mass properties. This extends to excavation as well as structural integrity considerations including the propensity for translational (planar) failure where kinematic conditions are feasible or may be instigated during the works. Geotechnical constraints are discussed in section 6.11.
- 6.4.5 Embankments and their underlying geology along the route of the proposed options are summarised in Table 6.2.

Table 6.2: Summary of the embankments

Option A2 embankments				
Chainage (m)¹	Max height (m)	Min height (m)	Solid geology	Superficial geology
580-740	1.0	0.4	Lower Lias comprising: 2.1m of engineering soil overlaying the competent unweathered rock	No superficial deposits encountered.
1,500-1,800	0.4	0.4	Typically, 2.0m Reworked Lower Lias over destructured to weathered rock to 3.0m bgl over	Localised Possible Reworked Colluvium (Ch. 2300-2500m) Localised Sand and Gravel (Ch. 3000m to 3200m)

			partially weathered rock to 7m.	Localised made ground (Ch. 2400m)
3,280-3,720	3.278	0.66	Blue/White Lias with 2 to 5mm spacing with interbedded layers of Mudstone and Limestone	No superficial deposits encountered.
3,940-4,100	2.353	0.3	Blue/White Lias with 2 to 5mm spacing with interbedded layers of Mudstone and Limestone At chainages 4000m to 4100m Westbury Formation of 2 to 3mm vertical fractions	Sand and Gravel (Blue and White Lias) with 5 to 10mm discontinuities
4,520-5,320	10.45	0.032	Lower Lias comprising 1m of clay overlaying 1.85 to 2.25m of weathered to partially weathered rock overlaying unweathered rock.	No superficial deposits encountered.
Option B4 embankments				
Chainage (m) ¹	Max height (m)	Min height (m)	Solid geology	Superficial geology
200-820	1.102	0.063	No data Available	No data Available
1,940-2,080	0.556	0.149	No data Available	No data Available
2,280-,2640	0.881	0.022	No data Available	No data Available
2800-3,940	2.893	0.054	No data available from Ch. 2760m to 3000m Blue/White Lias from Ch. 3000m to 3900m ²	No superficial deposits encountered.
Option F1 embankments				
Chainage (m) ¹	Max height (m)	Min height (m)	Solid geology	Superficial geology
0.0-1460	2.525	0.143	Lower Lias comprising: 2.1m of engineering soil overlaying the competent unweathered rock	No superficial deposits encountered.
2,280-4,460	2.0	0.2	No data Available	No data Available
4,640-4,760	0.5	0.1	No data Available	No data Available
5,340-5,440	0.4	0.1	Lower Lias comprising 1m of clay overlaying 1.85 to 2.25m of weathered to partially weathered rock overlaying unweathered rock.	No superficial deposits encountered.
6,040-6,120	0.1	0.47	Lower Lias comprising 1m of clay overlaying 1.85 to 2.25m of weathered to	No superficial deposits encountered.

			partially weathered rock overlaying unweathered rock.	
Option E4 embankments				
Chainage (m)¹	Max height (m)	Min height (m)	Solid geology	Superficial geology
600-800	0.6	1.0	Lower Lias comprising: 2.1m of engineering soil overlaying the competent unweathered rock	No superficial deposits encountered.
1,400-2,100	5.0	1.8	Lower Lias comprising: 2.1m of engineering soil overlaying the competent unweathered rock	No superficial deposits encountered.
2,300-2,750	2.7	1.2	Typically, 2.0m Reworked Lower Lias over destructured to weathered rock to 3.0m bgl over partially weathered rock to 7m.	Localised Possible Reworked Colluvium (Ch. 2300-2500m) Localised made ground (Ch. 2400m)
4,400-5,000	11.1	0.4	Lower Lias comprising 1m of clay overlaying 1.85 to 2.25m of weathered to partially weathered rock overlaying unweathered rock.	No superficial deposits encountered.

Notes:

- ¹ Chainages not covered in Table 6.1 and Table 6.2 are at grade.
- ² Sufficient information about the weathering estate not available, however, it is anticipated likely that weathered rock of different grading (Refer to table 5.1) will be encountered.

6.5 Structures

6.5.1 Proposed structures along the proposed route options are summarised in Table 6.3 by chainage. The underlying geology of the structures along the route of option A2 is determined from the historical site investigation, 2003 and the available historical boreholes on BGS GeoIndex online map viewer. However, the historical data is generally relevant to option A2, but locally some of the exploratory holes are encountered to be in close proximity to the other proposed routes. The underlying geology of the structures across the proposed routes, B4, F1 and E4, are determined from these historical exploratory holes. In the absence of exploratory holes in close proximity to a structure, no information about their underlying geology is provided. It is recommended that the further site investigation is undertaken along the route of the preferred option.

6.5.2 The Lower Lias is predominantly encountered as firm to very stiff slightly sandy gravelly clay with a weathering grading of destructured to weathered at depths varying between 1.5m and 3.0m. This stratum is generally underlain by a layer of partially weathered to unweathered Lower Lias predominantly described as very weak to weak thinly laminated Mudstone. This layer is considered as the potential competent layer of Lower Lias and it is generally encountered at 0.9m to 3.0m.

6.5.3 The Blue/White Lias is predominantly described as strong to very strong fine-grained limestone with occasional interbeds of weak Mudstone. This layer is generally recorded to have a dip angle of between 10 to 20°. The latter are likely to present a controlling influence on the rock mass properties. This extends to excavation as well as structural integrity considerations including the propensity for translational (planar) failure where kinematic conditions are feasible or may be instigated during the works.

6.5.4 Geotechnical constraints are discussed in section 6.11.

Table 6.3: Summary of Structures

Option A2			
Mainline chainage	Name	Solid geology	Superficial deposits
2,700	Downhead Lane Junction Overbridge	East of the structure: Blue/White Lias West of the structure: Lower Lias	No superficial deposits
3,250	Stear Hill Underbridge	North of the structure: Blue/White Lias overlaying Westbury Beds South of the structure: Blue and White Lias and Lower Lias	No superficial deposits
4,150	Traits Lane Underbridge	Blue/White Lias (Sand and Gravel)	No superficial deposits
5,300	Sparkford Junction Overbridge	Lower Lias (occasional interbeds of Limestone)	Made Ground (Possible landfill) ²
Option B4			
Mainline chainage	Name	Solid geology	Superficial deposits
2,000	Downhead Lane Overbridge	No data available.	No data available.
3,300	Stear Hill Overbridge	No data available.	No data available.
4,250	Vale Farm Overbridge	No data available.	No data available.
5,550	Sparkford Junction Overbridge	Lower Lias (occasional interbeds of Limestone)	Made Ground (Possible landfill) ²
Option F1			
Mainline chainage	Name	Solid geology	Superficial deposits
1,900	Downhead Lane Overbridge	No data available.	No data available.
3,200	Stear Hill Overbridge	No data available.	No data available.
4,100	Vale Farm Overbridge	No data available.	No data available.
5,500	Sparkford Junction Overbridge	Lower Lias (occasional interbeds of Limestone)	Made Ground (Possible landfill) ¹

Option E4			
Mainline chainage	Name	Solid geology	Superficial deposits
2,500	Downhead Lane Underbridge	Reworked Lower Lias or Lower Lias	No superficial deposits
3,500	Stear Hill Overbridge	North: Blue/White Lias overlaying Westbury Beds South: Blue/ White Lias and Lower Lias	No superficial deposits
4,150	Camel Hill Overbridge	Blue/White Lias (Sand and Gravel)	No superficial deposits
5,300	Hazel grove Junction Overbridge	Lower Lias (occasional interbeds of Limestone)	Made Ground (Possible landfill) ¹

Notes

- ¹ Not encountered during the 2003 investigations. Anticipated to be present due to presence of the landfill in close proximity.

Fill material and earthworks acceptability

- 6.5.5 With reference to Sparkford to Ilchester Geotechnical Report, 2004⁹ and in accordance with Series 600 Specification for Highways Works (SHW), it is anticipated likely that the majority of the material excavated from the site can be used as capping or fill material where required.
- 6.5.6 It is anticipated that the Lower Lias would be suitable to be used as Class 2A or Class 2B deposits and the White Lias deposits are likely be suitable as Class 1A or 1B. However extensive crushing to a specific grading may be required for production of a suitable Class 6 fill from the White Lias deposits. Blue Lias encountered in form of Sand and Gravel could be used as a suitable Class 2C due to presence of high proportion of fines. The predominantly cohesive terrace material, where present, could be used as Class 2A, 2B or 2C due to its variable grading.
- 6.5.7 Given the interbedded nature of the White and Blue Lias deposits, it is likely that extensive sorting of the material may be required to achieve the required grading for each class of fill material.
- 6.5.8 It is recommended that classification testing of the excavated material from across the site is undertaken to confirm their suitability to be used as a fill.

Foundations

- 6.5.9 The geology across the site is determined to vary both laterally and vertically, therefore it is anticipated that the bearing capacity and settlement characteristics of the underlying ground vary significantly across the scheme.

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- 6.5.10 The reworked upper layer of the Lower Lias, predominantly recorded to depths between 0.7m and 2.8m between Ch. 2300m to 3500m, is likely to have medium to high compressibility. This layer is interpreted as Lower Lias and potential colluvium reworked by solifluction. The material has low to medium compressibility at increasing depth.
- 6.5.11 Suitable solutions for reducing intolerable movements due to compressibility of the ground comprise removal and replacement of the compressible stratum with suitable fill in accordance with Series 600 SHW, or preloading / surcharging embankments - possibly with vertical drains - to accelerate the settlement.
- 6.5.12 It is anticipated that the embankments founded on the Blue and White Lias will be subject to significantly less settlement than those on the Lower Lias. However, it must be noted that within this layer closure of joints or compression of any small solution features may cause some settlement.

6.6 Subgrade

- 6.6.1 At locations across the preferred route option, where a new line of road is constructed upon embankments, subgrade and capping layers are required. Capping is not likely to be required where the pavement is directly constructed upon White Lias or Sand and Gravel deposits. A minimum CBR value of 2.5% is required to minimise the requirement for maintenance works, in accordance with Interim Advice Note 73/06.
- 6.6.2 It is likely that the excavated Lower Lias material throughout the cuttings would provide a suitable subgrade material. However, use of limestone aggregate for sub-base or capping must be restricted due to the potential presence of pyritic ground conditions.

6.7 Structure foundations

- 6.7.1 It is anticipated that due to the compressibility of the weathered Lower Lias, piled foundations may be considered a suitable option for the structures constructed upon this stratum. However, it is likely that pad footings would be sufficient for the structures constructed upon White and Blue Lias.
- 6.7.2 Further ground investigation and assessment of the underlying geology and ground conditions of each structure is necessary to inform the most appropriate design solution.

6.8 Contaminated land

- 6.8.1 Owing to the principally agricultural historical land use of the area, it is considered unlikely that there is any significant, extensive contamination at the scheme. However, the limited information reviewed for this study has

highlighted the potential for land affected by contamination to be present at discrete locations. These include: a former timber yard; two former landfill sites; a waste management facility; a fuel filling station; a garage; and former quarries (some infilled).

- 6.8.2 These former and current land uses may have given rise to the presence of hazardous ground gases, vapours and contamination of soil and groundwater. It is also possible that leaks and spillages of fuel at farms and works where stored in bulk tanks may have impacted soil and groundwater.
- 6.8.3 The significance or otherwise of these features in connection with the proposed works can only be determined once site specific data has been obtained. In order to minimise the risk of abortive costs, it is advisable to consider the issues once the route has been confirmed.
- 6.8.4 Further examination of the associated potential risks to the proposed scheme (once the preferred route alignment has been confirmed) is recommended in accordance with good practice¹³. This will require more detailed initial desk-based assessment including liaison with the local authority and the Environment Agency. Further work comprising site reconnaissance, intrusive investigation, sampling and analysis is also likely to be necessary to support an environmental risk assessment of each relevant feature. Where appropriate, this may be incorporated into any proposed ground investigation to supplement the existing geotechnical data for design purposes. This would potentially provide benefits of economies of scale.
- 6.8.5 The findings of the environmental risk assessment would identify the requirement and scope of any necessary remediation works. The remediation strategy should examine feasible and sustainable options to manage, remove or treat identified contaminated material where it is cost effective and practicable to do so. These techniques could include a range of biological, chemical and physical treatments such as biopiles, air sparging or soil washing. The strategy should also address any regulatory requirements under development control, and include proposals for managing any previously unknown contamination encountered during the works.
- 6.8.6 Where practicable, material should be re-used on site provided performance criteria are met with respect to chemical composition and geotechnical parameters. This may be established and managed under the CL:AIRE Code of Practice.
- 6.8.7 A related potential hazard concerns the site of a WWII aircraft crash at Camel Cross (refer to section 4.11). Further desk top research is necessary to establish an accurate location, to confirm whether it is actually within proximity of the route options.

- 6.8.8 According to the BRE Special Digest guidance⁴ and noted in the Sparkford to Ilchester Geotechnical Report, 20049, the Lower Lias is determined to contain 5 – 8% pyrite and therefore imposes a risk of an aggressive chemical environment for concrete. Selenite crystals (hydrated calcium sulphate) have been identified in the weathered strata.
- 6.8.9 Historical assessment undertaken on this stratum indicates a Design Sulphate Class DS - 5 and ACEC Class AC-5 assuming mobile groundwater, in accordance with BRE Special Digest 1, therefore it is anticipated that protective measures for concrete foundation are required. Additionally, it must be noted that limestone aggregate is not a suitable option as a drainage media.
- 6.8.10 It is highly recommended that further testing is undertaken along the route of the preferred option to confirm the requirement for protective measures over the concrete foundations.

6.9 Drainage

- 6.9.1 Drainage is required at the following locations:
- Roadside, particularly in cuttings
 - Crest drainage in cuttings where the fall of the land is towards the cutting, these should be deep enough to intercept any field drains present
 - Crest drainage on embankments to prevent over the edge flows causing saturation and erosion of the embankment material.
 - Starters layers where embankments are constructed of Class 2 material over a low permeability sub grade.
 - An increased capping thickness acting as a drainage layer where the route is not directly constructed upon White Lias or Sand and Gravel deposits.
 - Where berms are required an open channel or drain is required on the berm to collect seepages from the material above.
- 6.9.2 Use of limestone sourced from within the scheme or local limestone gravels, would be unsuitable as these would react chemically with the groundwater and disintegrate over time. Similar consideration must be made for filter drains across the entire scheme if they are to carry groundwater.

6.10 Atmospheric pollution

- 6.10.1 It is believed that atmospheric pollution from the construction works will be mainly from dust generation, noise pollution and construction traffic. There are many mitigation approaches that the contractors may take for these aspects and their consideration is felt to lie outside the scope of this report.

6.11 Existing geotechnical issues

6.11.1 The key geotechnical risks for the proposed routes are:

- Solifluction shear surfaces and propensity for slope instability;
- Chemically aggressive ground conditions;
- Construction of Steart Lane Underpass across Camel Hill Fault;
- High groundwater levels;
- Limestone bands causing obstructions and creating permeable pathways;
- Potential solution features within the White Lias limestone;
- Localised infilled former limestone quarries;
- Compressible Ground causing intolerable movements;
- Variable geology across structures;
- Undiscovered geology across the preferred route option; and
- Extensive Made Ground (potential compressible and contaminated ground) at the historical landfill at Sparkford. Effects of Previous Development

6.11.2 The route options B4 and F1 run mainly over previously undeveloped agricultural areas according to the available records. A network of land drains is anticipated to be present below cultivated land.

6.11.3 Localised expanses of hardstanding are anticipated to be present along the route where they intersect existing minor roads or structures.

6.11.4 Route option A2 passes directly through the existing roads and comprises widening of the existing road structure, therefore hardstanding is anticipated to be present along the whole route of the road. In addition below ground services may be present which will require relocation.

6.11.5 The existing filling station at Gason Lane is likely to present a constraint to route option A2. Decommissioning and reinstatement of the ground housing the fuel storage tanks will be necessary. Potential extant soil and groundwater contamination may also require prior remediation. Option E4 is proposed to run at close proximity to the existing highway and it may cross over hardstanding from existing structures.

6.11.6 Services information has not been obtained for this study. Other potential in-ground structures such as oil and gas transmission mains may also traverse the proposed routes. A comprehensive assessment of local and strategic infrastructure in the region should be completed.

6.11.7 RNAS Yeovilton is within proximity to the scheme. There may be a requirement to consider potential constraints on any construction activities which present

potential for security risks e.g. insecure site access, disruption of communications and other secure utilities.

7 Geotechnical risk register

7.1 Risk register

7.1.1 A geotechnical risk register is included in the following pages. A risk matrix identifies potential risks to the scheme during the feasibility, design and construction stages (refer to Table 7.2). For each potential hazard / risk identified, a risk rating is assigned before control, risk consequences are identified and risk control measures suggested. The risk rating is obtained from:

$$\text{Risk rating (RR)} = \text{Probability (P)} \times \text{Impact (I)}$$

7.1.2 P and I values are assigned in accordance with the values in the Table 7.1. 'I' values involve a subjective assessment of how the implied risk may impact on the project timeframe with an indicative non-quantified order of cost assigned.

Table 7.1: Risk rating summary

PROBABILITY (P)	IMPACT (I)	CONSEQUENCES OF RISK			
			Time	Cost	
Very Likely	5	Very High	5	>10 weeks on completion	£££££
Likely	4	High	4	>1 week on completion	££££
Probable	3	Medium	3	>4 weeks: <1 week on completion	£££
Unlikely	2	Low	2	1 to 4 weeks: none on completion	££
Negligible	1	Very Low	1	<1 week to activity: none on completion	£

Table 7.2 Geotechnical risk register

Reference	Hazard/risk description	Risk rating before control			Consequence	Risk control measures (RCM)	Residual risk (following application of RCM)		
		P	I	RR			P	I	RR
1	Buried Services.	3	3	9	Health and Safety/ remedial costs/ delays.	Services are anticipated adjacent to the existing A303 highway and adjoining smaller roads. Services search required before ground investigation and construction.	2	3	6
2	Unforeseen ground conditions.	4	3	12	Excessive settlements, excavation and temporary support difficulties.	Further ground investigation to fill data gaps. Particularly around options B4 and F1 to the north of Camel Hill.	3	3	9
3	Existing drainage ditches	5	3	15	Differential settlement/ cost	Existing drains to be diverted.	2	2	4
4	Excessive settlement particularly around areas of past quarries that have been infilled.	4	4	16	Structural Defects.	Further ground investigation to fill the data gaps. Soft materials to be removed/ replaced where possible. Detailed design to incorporate mitigation measures e.g. band drains, surcharging, dig and replace.	To be assessed following ground investigation and confirmation of final alignment.		
5a	Groundwater during construction/ temporary works.	5	3	15	Excavation flooding collapse/ delays	Monitor groundwater. Ensure excavations are battered as a minimum. Excavation for attenuation tank should be retained using robust sheet piled solution. Appropriate groundwater control measures.	2	3	6
5b	Incremental groundwater during heavy rainfall	3	2	6	Excavation flooding collapse/ delays	Monitor groundwater, anticipate rainfall, appropriate control measures.	2	1	2
6a	Groundwater effects of hydrostatic uplift during and post construction.	2	2	4	Structural damage/ delays	Mitigations required against groundwater uplift pressure in the short and long term.	2	1	2
6b	Spring inflow to completed works, flooding.	3	2	6	Localised flooding	Drainage system design.	2	1	2

Reference	Hazard/risk description	Risk rating before control			Consequence	Risk control measures (RCM)	Residual risk (following application of RCM)		
		P	I	RR			P	I	RR
7	Embankment instability within the Lower Lias.	4	4	16	Structural defects	Detailed design to take into account findings from future ground investigation.	To be assessed following further ground investigation		
8	Insufficient/ Unsuitable embankment fill material.	4	2	8	Potential for fill to need to be imported from an off-site source/ cost increase	Ground investigation required. Material management plan to be in place	To be assessed following ground investigation		
9	Buried obstructions – man made.	2	2	4	Hard spots and obstructions/ differential settlements	Much of the site is generally undeveloped, where hard standing is present on the existing highway this could be removed.	1	1	1
10	Differential settlement of pipelines and road at the interface to the existing highway.	4	3	12	Structural defects/ loss of serviceability	Ensure formation layer for the pipe is uniform without soft spots.	1	3	3
11	Land contamination potentially present at fuel storage sites, former quarries, garage, and landfills. Deleterious ground conditions and / or excessive total and differential settlement.	4	5	20	Cost/ delays/ environmental impact/Health and Safety	Further ground investigation to determine the risk of soil and groundwater contamination, vapour and ground gas. A range of remediation options may be appropriate including excavation and replacement, containment or prior in-situ treatment depending on the site-specific conditions.	To be assessed following ground investigation		
12	Sensitive Sites (includes archaeology and aircraft crash site)	3	3	9	Delays/ cost increase	Research of issues, carry out geotechnical study of options, allow for delays due to archaeological finds, and employ a specialist.	2	2	4
13	Variability in the properties of the clay (potential founding material)	4	4	16	Potential overestimation of material strength/ structural defects/ cost	Ensure adequate ground investigation to fully characterise the material and determine variability	1	3	3
14	Weather during site operations	3	3	9	Delays/ cost increase	Programming of works, allow contingencies for time and cost.	3	1	3

Reference	Hazard/risk description	Risk rating before control			Consequence	Risk control measures (RCM)	Residual risk (following application of RCM)		
		P	I	RR			P	I	RR
15	Camel Hill Fault crosses the proposed route options.	3	4	12	Structural Defects/ loss of serviceability	Design to accommodate variable ground conditions and temporary and permanent removal of groundwater	2	2	4
16	Piling might be required through the limestone and limestone bands.	4	3	12	Reduced productivity/ cost increase/ delays	Constructability to be integrated into the design process. Construction technique to take into account ground conditions presented in this report.	To be assessed following ground investigation		
17	High concentration of pyrites in Lower Lias Clay and sulphates in made ground and natural strata	4	5	20	Sulphate attack on buried concrete.	Ensure Concrete is designed in accordance with BRE Special Digest 1 ⁴ . Lime stabilisation an unsuitable method of treatment due to high sulphate content,	1	5	5
18	Relict shear planes present potential zones of instability	3	4	12	Structural defects	Ensure that relict shear planes are recorded during the ground investigation.	1	4	4

8 References

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7. Highways England (2015), A303 Sparkford to Ilchester, Statement of Intent.
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14. Hobbs R B N, Engineering Geology of British Rocks and Soils - Lias Group, British Geological Survey, 2012

Annex A

A1 Introduction

The A303/A30 forms part of the Strategic Road Network (SRN) and a strategic link between the south west peninsula (SWP) and the rest of the south, south east and London. The route is comprised of multiple road standards, including; dual 2 lane All Purpose and single carriageway 2 lane and single carriageway sections with overtaking lanes together with associated varying speed limits (from 40mph to 70mph). A Statement of Intent is available as HA GDMS Report Number 28567.

The project is to provide a dual carriageway on the A303 between Sparkford and Ilchester in Somerset. Four route options (A2, E4, F1 and B4) have been proposed for the scheme.

This document is to be read in conjunction with the A303 Sparkford to Ilchester, Preliminary Sources Study (PSSR). Further information regarding the layout of the existing road alignment and the four proposed road alignments can be found within this report.

A2 Objectives and format of any investigation

A2.1 General

A PSSR for a proposed route broadly similar to that of the option A2 was undertaken in 2003 by Mott MacDonald. Two known ground investigations were carried out prior to this in 1992 and 1993, and have provided a significant amount of geotechnical data along the Route Option A2. The site investigations undertaken in 1992, 1993 and 2003 are hereafter called the Mott MacDonald site investigations (MM-SI) for the purposes of this report.

In addition, several historical exploratory hole records were obtained from the British Geological Survey online GeoIndex website. The exploratory holes are recorded to be predominantly related to a site investigation undertaken in 1985 (hereafter called 'historical exploratory holes' for the purposes of this report).

Additional supplementary ground investigation is proposed to complement the existing data (refer to section A2.1.1) and detailed ground investigation is proposed in areas where existing ground investigation information is absent (refer to Section A2.1.2). These are discussed in sections A2.1.1 and A2.1.2 under this cover.

A2.1.1 Proposed supplementary exploratory hole locations

The 4 proposed route options overlap with the existing route at the start of each route at Ilchester and at the end of the route near Sparkford at chainages provided in Table A2-1.

Table A2-1 - Areas of overlap between existing and proposed routes

Route options	Location	Chainage [m]
Route A2	West	0 – 800
	East	5800-6200
Route B4	West	0-300
	East	5800-6216
Route E4	West	0-850
	East	5700-6200
Route F1	West	0-800
	East	5900-6320

The MM-SI does not provide any geotechnical data between the chainages presented in Table A2-1, however several exploratory holes related to the Historical Site Investigation were recorded to be present.

The exploratory holes obtained from the MM-SI are only relevant to the proposed route options at Mainline (ML) chainages provided in Table A2.2.

Table A2-2 Chainages with relevant existing site investigation information

Route option	ML chainage [m]	Comments
Route Option A2	850-1600 & 1900-5600	Only around the Southbound Slip Road and Roundabout between Ch. 5000m to 5700m
Route Option B4	5400-5800	Only around the Southbound Slip Road and Roundabout
Route Option E4	850-2200 & 5300-5700	Only around the Southbound Slip Road and Roundabout
Route Option F1	5500-5900	Only around the Southbound Slip Road and Roundabout

Supplementary exploratory holes are proposed around the Northern Slip Road and Roundabout at Sparkford Junction Overbridge for all four proposed routes. In addition, supplementary exploratory holes are proposed around proposed structures across Route Option A2.

A2.1.2 Proposed details exploratory hole locations

Detailed site investigation is proposed along chainages presented in Table A2-3 to provide geological, geotechnical and geo-environmental information at each proposed route, in the absence of any existing exploratory holes.

Table A2-3 - Locations of Further Proposed Site Investigation

Route option	ML chainage [m]
Route Option A2 ¹	-
Route Option B4	250-5950
Route Option E4	500-5700
Route Option F1	400-5950

¹ Detailed exploratory holes are not anticipated to be required at this stage (refer to Table A2-2 for the supplementary exploratory hole locations for Route Option A2).

Further site investigation may be required for any additional structures such as gantries and where works relevant to diversion/protection of the underlying services is projected.

A2.2 Route Option A2

A2.2.1 Objectives and format of investigation

The 1992 and the 1993 ground investigations undertaken by Exploration Associates and Oakley Soils and Concrete Engineering Limited respectively provided information in the following areas:

- Determination of ground conditions along the route of the scheme through 125 exploratory hole locations
- 21 No. cable percussion boreholes
- 15 No. rotary boreholes

- 22 No. cable percussion boreholes with rotary follow on
- 57 No. trial pits
- 8 No. cores through the existing pavement
- 2 No. rotary boreholes at Traits Lane underpass
- In situ permeability testing at 3 locations adjacent to the fault
- In situ redox and resistivity testing in 6 No. trial pots in the Lower Lias Clay (now known as Charmouth Mudstone Formation) and made ground
- Installation and monitoring

Of 49 No. piezometers over a period of between one month (EA, 1992) and 1 year (Veryard & Partners, 1993);

- Laboratory testing on soil and rock samples;
- 165 No. natural moisture content tests on samples of the Lower Lias Clay;
- 105 No. Atterberg limits determination on samples of Lower Lias Clay;
- 116 No. particle size distribution tests, principally on samples of Lower Lias Clay;
- 103 No. bulk density determinations on samples of the Lower Lias Clay, White Lias and Blue Lias;
- 37 No. one dimensional consolidation tests on samples of the Lower Lias Clay;
- 5 No. suites of moisture condition value tests at different moisture contents and 35 No. tests at single moisture contents, all on samples of the Lower Lias Clay;
- 70 No. moisture content / dry density relationship tests on samples of the Lower Lias Clay;
- 69 No. CBR tests on samples of Lower Lias Clay;
- 25 No. unconsolidated undrained triaxial tests on samples of Lower Lias Clay;
- 19 No. consolidated undrained triaxial tests on samples of Lower Lias Clay, the White Lias and the Blue Lias;
- 74 No. unconfined compressive strength on samples of limestone and mudstone from the undrained triaxial tests on samples of Lower Lias Clay;
- 392 No. point load determinations on samples from all strata; and
- 136 Hoek shear box tests on rock joints from all strata.

However, the 2003 PSSR concludes that the existing ground investigation data was insufficient in a number of areas and therefore, a supplementary ground investigation was proposed.

The supplementary investigation was commissioned by Mott MacDonald and undertaken by Soil Mechanics in 2003. The supplementary investigation included:

- 5 No. cable percussion boreholes;
- 4 No. rotary boreholes;
- 3 No. cable percussion boreholes with rotary follow on;
- 28 No. trial pits;
- Installation and monitoring of 6 No. 19mm standpipe piezometers;

- 10 No. suites of earthworks relationship tests comprising multi-point CBR, compaction and MCV test suites.
- 13 No. suites of chemical testing on soil samples and 5 No. suites of chemical testing on water samples in accordance with BRE Special Digest 1.
- 6 No. particle size distribution analyses on samples of granular material.
- 4 No. UCS tests and 7 No. Point Load Tests (based on the maximum number of suitably dimensioned core sub-samples).
- 4 No. sets of three small shear box tests on samples of shear surfaces taken during the investigation.
- One four stage ring shear test carried out on a sample of gleying collected from a solifluction shear surface.

However, whilst the MM-SI and the historical site investigations cover the large part of the proposed Route Option A2 (Refer to Table A2-2, under this cover), many of the exploratory holes are located along the westbound portion of the proposed route and do not sufficiently provide data along the eastbound boundary of the route. Therefore, further supplementary site investigation is required and is therefore proposed at locations presented in Table A2-4.

Table A2-4- Proposed site investigation along Route Option A2

ML chainage [m]	Supplementary / detailed	Comments
0-600	Not anticipated to be required at this stage as existing carriageway to be maintained	-
800-3600	Supplementary	Includes Steart Hill Underbridge and Downhead Lane Junction Overbridge Shallow groundwater is anticipated along Ch. 2000m to 3200m
3600-4080	Not anticipated to be required at this stage as covered by MM-SI	-
4080-4200	Supplementary	Traits Lane Underbridge
4200-5000	Not anticipated to be required at this stage as covered by MM-SI	-
5000-5900	Supplementary	Includes Sparkford Junction Overbridge and the historical landfill
5900-6200	Not anticipated to be required at this stage as existing carriageway to be maintained	-

The ground investigations proposed will be more comprehensive at locations where geological, geo-environmental and/or hydrogeological constraints are present. Refer to Section A3, under this cover for further information about these constraints.

A2.2.2 Route Option A2 proposed investigation

The position of the proposed supplementary exploratory holes is shown on drawings HE551507-MMSJV-HGT-00-DR-GE-0501 to HE551507-MMSJV-HGT-00-DR-GE-0502 (Appendix A.2) and is detailed in Table A2-5.

It is anticipated likely that the existing standpipe and standpipe piezometers on site along the route of the existing road, where they can be detected, can be used in addition to the proposed standpipe and standpipe piezometers.

Abbreviations used in subsequent tables are shown in Table A2-6.

Table A2-5 -Proposed Exploratory Holes – Option A2

ML chainage [m]	Type	No. of exploratory hole	Suggested depth [m]***	Reason	Suggested lab testing**	Installation
10-100		0	-	-	-	-
100-120		0	-	-	-	-
120-280		0	-	-	-	-
280-300		0	-	-	-	-
300-360		0	-	-	-	-
360-540		0	-	Cutting	-	-
500-540		0	-	Cutting Shallow groundwater	-	-
540-720	BH	1	10	Embankment Shallow groundwater	Clss, UU, Oed	S
720-1250	BH	2	Rockhead	Cutting	Clss, CBR, MCV, UU, CU, 2.5kg, Chem	S
	TP	1	4.5			-
1250-1850	BH	1	Rockhead	Cutting EB, Embankment WB, shallow groundwater	Clss, CBR, MCV, MC, UU, CU, Oed, 2.5kg, Pt.Ld, RMC, Uni, Chem	P
	TP	2	4.5			-
1,850-2400	BH	4	Rockhead	Cutting	Clss, CBR, MCV, MC, UU, CU, 2.5kg, Pt.Ld, RMC, Uni	P
				Shallow groundwater		
2400-3000	BH+RC*	8	Rockhead + 10	Cutting Shallow groundwater Solifluction surfaces	Clss, CBR, MCV, UU, CU, 2.5kg, Pt.Ld, RMC, Uni, Chem	P
	TP	1	4.5	-		

ML chainage [m]	Type	No. of exploratory hole	Suggested depth [m]**	Reason	Suggested lab testing**	Installation
				Downhead Lane Junction Overbridge		
3000-3200	TP	1	4.5	Pavement design Local Access Road from Downmead Jn to Steart Hill Shallow groundwater Solifluction Surfaces	Clss, CBR, MCV, UU, CU, 2.5kg, Chem	-
3200-3760	BH+RC	2	Rockhead + 10	Cutting / underbridge at Steart Hill Shallow groundwater Solifluction Surfaces	Clss, CBR, UU, Oed, Pt.Ld, RMC, Uni, Chem	S
	TP	2	4.5	Embankment ML		-
3,760-3,920	-	0	-	-	-	-
3920-4180	BH+RC	3		Embankment Solifluction surfaces	Clss, CBR, Oed, Chem	S
	TP	1	4.5	Traits Lane Underbridge Historical Quarry		-
4,180-5000		0	-	Cutting Solifluction surfaces Historical quarry	-	-

ML chainage [m]	Type	No. of exploratory hole	Suggested depth [m]**	Reason	Suggested lab testing**	Installation
5000-5340	BH+RC	8	Rockhead + 10	MoD property Embankment to Sparkford Junction Shallow Water Levels Sparkford Junction Overbridge Historical Quarry	Clss, UU, Oed, Pt.Ld, RMC, Uni, Chem	P
5,340-5,980	BH+RC	6	Rockhead + 10	Cutting (ML), Embankment at Sparkford Junction Sparkford Junction Overbridge Historical Landfill Timber Yard	Clss, MCV, UU, CU, 2.5kg, Pt.Ld, RMC, Uni, Chem	P
5980-6020		0	-	Embankment Sparkford Junction Overbridge	-	-

*Solifluction surfaces not currently identified.

** .5kg for where material is anticipated to be reused.

***Suggested depths have been made without a detailed 3D-model or cut sections, to be revised prior to Stage 3.

Table A2-6 -Table of Abbreviation

Abbreviation	Definition
BH	Cable Percussive Borehole
RC	Rotary Core Follow On
TP	Trial Pit
Clss	Moisture Content, Plastic Limit, Liquid Limit, Grading
CBR	Californian Bearing Ratio
MCV	Moisture Conditions Value
MC	Moisture Content
UU	Uniaxial Undrained Shear Strength
CU	Consolidated Undrained Shear Strength
Oed –	Oedometer
2.5kg	Compaction Test
Pt. Ld	Point Load
RMC	Rock Moisture Content
Uni	Uniaxial Compressive Strength
Chem	Contamination Suites and pH, Sulphates and Chlorides

As ground investigation work is by nature exploratory, it must be noted that the location and depth and type of the exploratory holes are likely to evolve on site, depending on the geometry of the site and the ground conditions encountered during the site investigations. The sampling techniques, frequency and the testing proposed may vary during the site investigations depending on the encountered ground conditions on site.

A2.3 Route Option B4

A2.3.1 Objectives and Format of Investigation

The existing site investigation information obtained from the MM-SI and the historical site investigations are only relevant to Route Option B4 across Ch. 0m to 800m and Ch. 5400m to 6215m. Locations where supplementary and detailed site investigation are proposed are presented in Table A2-7.

Table A2-7 - Proposed site investigation along Route Option B4

Chainage [m]	Supplementary / detailed	Comments
0-250	Not anticipated to be required at this stage as existing carriageway to be maintained	-
250-5400	Detailed	Includes Steart Hill Underbridge and Downhead Lane Junction Overbridge and Vale Farm Overbridge Shallow groundwater is anticipated along Ch. 2000m to 3200m
5400-5950	Supplementary	Includes Sparkford Junction Overbridge and the historical landfill
5950-6205	Not anticipated to be required at this stage as existing carriageway to be maintained	-

The ground investigations proposed will be more comprehensive at locations where geological, geo-environmental and/or hydrogeological constraints are present. Refer to Section A3, under this cover for further information about these constraints.

A2.3.2 Proposed investigation

The position of proposed new exploratory holes is shown in drawings HE551507-MMGJV-HGT-00-DR-GE-0601 to HE551507-MMGJV-HGT-00-DR-GE-0602 (Appendix A.4) and is detailed in Table A2-8

Table A2-8 - Proposed exploratory holes – Route Option B4

ML chainage [m]	Type	No. of exploratory hole	Suggested depth [m]**	Reason*	Suggested lab testing**	Installation
0-200	-	0	-	-	-	-
200-700	BH	2	10	Embankment	Clss, Oed, Chem	-
	TP	3	4.5			-
700-8900	BH	1	10	Cutting EB, Embankment WB	Clss, Oed, Chem	S
	TP	1	4.5			-
900-19200	BH+RC	10	Rockhead + 10	Cutting, Shallow groundwater	Clss, CBR, MCV, UU, CUPt.Ld, RMC, Uni, Chem	P
	TP	10	4.5			-
1920-2000	BH+RC	5	Rockhead + 15	Embankment	Clss, CBR, MCV, MC, UU, CU, Oed, 2.5kg, Pt.Ld, RMC, Uni, Chem	P
	TP	2	4.5	Shallow groundwater Downhead Lane Overbridge		
2000-3200	BH+RC	9	Rockhead + 10	Embankment, at grade	Clss, Oed, Chem Pt.Ld, RMC, Uni	
	TP	8	4.5	Shallow water levels		
3200-3500	BH+RC	6	Rockhead + 10	Embankment	Clss, UU, Oed, Chem	S
	TP	3	4.5	Shallow water levels Steart Hill Overbridge		
3500-3920	BH	3	10	Embankment EB, Cutting WB	Clss, , Oed	P
	TP	4	4.5	Shallow groundwater		

ML chainage [m]	Type	No. of exploratory hole	Suggested depth [m]**	Reason*	Suggested lab testing**	Installation
3,920-4500	BH	10	Rockhead+10	Cutting	Clss, CBR, MCV, UU, CU, 2.5kg, Pt.Ld, RMC, Uni, Chem	P
	TP	10	4.5	Vale Farm Overbridge		-
4500-5200	BH	5	Rockhead+10	Cutting	Clss, CBR, MCV, UU, CU, 2.5kg, Pt.Ld, RMC, Uni, Chem	P
	TP	5	4.5	Shallow groundwater		-
5200-6000	BH	16	Rockhead+20	Cutting	Clss, CBR, MCV, UU, CU2.5kg, , Pt.Ld, RMC, Uni, Chem	P
	TP	11	4.5	Sparkford Junction Overbridge Historical Landfill		-
6000-6200	-	0	-	Cutting Historical Landfill Historical Timber Yard	-	-

As ground investigation work is by nature exploratory, the location and depth of the exploratory holes may be modified on site, depending on the geometry of the site and the ground conditions encountered during the site investigations. The sampling techniques, frequency and the testing proposed may vary during the site investigations depending on the encountered ground conditions on site.

A2.4 Route Option E4

A2.4.1 Objectives and format of investigation

The existing site investigation information obtained from the MM-SI and the historical site investigations are only relevant to route option E4 across Ch. 0m to 850m and Ch. 5300m to 6200m. Locations where supplementary and detailed site investigation are proposed are presented in Table A2-9.

Table A2-9 - Proposed Site Investigation along Route Option E4

Chainage [m]	Supplementary / detailed	Comments
0-500	Not anticipated to be required at this stage as existing carriageway to be maintained	-
500-1700	Supplementary	-
1700-5300	Detailed	Includes Downhead Lane Overbridge, Steart Hill Overbridge, an historical landfill and Traits Lane Underbridge
5300-5750	Supplementary	Comprises Sparkford / Hazlegrove Junction Overbridge
5750-6200	Not anticipated to be required at this stage as existing carriageway to be maintained	-

The ground investigations proposed will be more comprehensive at locations where geological, geo-environmental and/or hydrogeological constraints are present. Refer to Section A3, under this cover for further information about these constraints.

A2.4.2 Proposed investigation

The position of proposed new exploratory holes is shown in drawings HE551507-MMSJV-HGT-00-DR-GE-0701 to HE551507-MMSJV-HGT-00-DR-GE-0702 (Appendix A.5) and is detailed in Table A2-11.

Table A2-10 - Proposed Exploratory Holes – Option E4

ML chainage [m]	Type	No. of exploratory hole	Suggested depth [m]**	Reason*	Suggested lab testing**	Installation
0-500	-	0	-	Existing Road	Clss, CBR	-
50-1550	BH	6	10	At grade / cutting	Clss, CBR, MCV, MC, UU, CU, Oed, 2.5kg, Pt.Ld, Uni	P
	TP	8	4.5			-
1550-2200	BH	5	10	Embankment	Clss, Oed, Pt.Ld, RMC, Uni, Chem	P
				Shallow groundwater		
2,200-2,750	BH	7	Rockhead + 10	Embankment	Clss, CBR, MCV, MC, UU, CU, Oed, 2.5kg, Pt.Ld, Uni	P
	TP	6	4.5	Downhead Lane Overbridge Solifluction Surfaces Shallow groundwater		-
2,750-3300	BH+RC	9	Rockhead + 10	Cutting	Clss, CBR, MCV, MC, UU, CU, Oed, 2.5kg, Pt.Ld, RMC, Uni, Chem	p
				Solifluction surfaces		-
3300-3500	BH+RC	3	Rockhead + 15	Cutting	Clss, CBR, MCV, MC, UU, CU, Oed, 2.5kg, Pt.Ld, RMC, Uni, Chem	S
				Stear Hill Overbridge Solifluction surfaces Historical quarry		
3500-4300	BH+RC	14	Rockhead + 15	Cutting	Clss, CBR, MCV, UU, CU, 2.5kg, Pt.Ld, Uni, Chem	P
	TP	7	4.5	Camel Hill Overbridge Solifluction surfaces Historical Quarry		-
4300-5000	BH	8	10	Embankment	Clss, Oed, Pt.Ld, RMC, Uni	P
	TP	3	4.5	Solifluction surfaces		-

ML chainage [m]	Type	No. of exploratory hole	Suggested depth [m]**	Reason*	Suggested lab testing**	Installation
				Shallow groundwater		
5000-5200	BH+RC	3	Rockhead + 15	Embankment	Clss, Oed, Pt.Ld, RMC, Uni	S
	TP	1	4.5	Hazlegrove Junction Overbridge Historical saw pit		-
5,200-6,200	BH+RC	13	Rockhead + 20	Cutting Hazlegrove Junction overbridge	Clss, CBR, UU2.5kg, Pt.Ld, RMC, Uni, Chem	P
	TP	7	4.5	Historical landfill Historical timber Yard		-

*Solifluction surfaces not currently identified.

** 2.5kg for where material is anticipated to be reused.

***Suggested depths have been made without a detailed 3D-model or cut sections, to be revised prior to Stage 3.

A2.5 Route Option F1

A2.5.1 Objectives and format of investigation

The existing site investigation information obtained from the MM-SI and the historical site investigation are only relevant to route option F1 across Ch. 0m to 800m and Ch. 5500m to 6320m. Locations where supplementary and detailed site investigation are proposed are presented in Table A2-11.

Table A2-11 - Proposed site investigation along Route Option B4

Chainage [m]	Supplementary / detailed	Comments
0-400	Not anticipated to be required at this stage as existing carriageway to be maintained	-
400-800	Supplementary	-
800-5500	Detailed	Includes Steart Hill Underbridge and Downhead Lane Junction Overbridge and Vale Farm Overbridge and the Saw Pit
5500-5800	Supplementary	Sparkford Junction Overbridge
5800-5900	Detailed	Comprise historical landfill
5900-6320	Not anticipated to be required at this stage as existing carriageway to be maintained	-

The ground investigations proposed will be more comprehensive at locations where geological, geo-environmental and/or hydrogeological constraints are present. Refer to Section A.3, under this cover for further information about these constraints.

A2.5.2 Proposed investigation

The position of proposed new exploratory holes is shown in drawings HE551507-MMSJV-HGT-00-DR-GE-1201 to HE551507-MMSJV-HGT-00-DR-GE-1202 (Appendix A.3) and is detailed in Tables A2-12

Table A2-12 - Proposed exploratory holes – Route Option F1

ML chainage [m]	Type	No. of exploratory hole	Suggested depth [m]**	Reason*	Suggested lab testing**	Installation
0-500	TP	1	4.5	Embankment	Clss, Oed	-
500-1400	BH	4	10	Embankment	Clss, Oed MCV, UU, CU, 2.5kg, Chem	P
	TP	3	4.5			-
1400-1950	BH+RC	4	Rockhead + 10	Cutting	Clss, CBR, MCV, UU, CU, 2.5kg, Pt.Ld, RMC, Uni, Chem	P
				Shallow groundwater		-
1950-2100	TP	4	4.5	Downhead Lane Overbridge	Clss, CBR, MCV, UU, CU, 2.5kg, Pt.Ld, Uni	-
	BH+RC	3	Rockhead + 10	Embankment		P
2100-2250	BH+RC	1	10	Cutting	Clss, CBR, MCV, UU, CU, 2.5kg	P
	TP	1	4.5	Shallow groundwater		-
2250-2500	BH	2	10	Embankment	Clss, Oed	S
	TP	2	4.5	Shallow groundwater		-
2500-3300	BH	9	10	Embankment	Clss, Oed, Chem	p
				Shallow groundwater		-
3300-3900	TP	5	4.5	Solifluction surfaces	Clss, Oed	-
				Stear Hill Overbridge		-
3900-4100	BH	6	10	Embankment	Clss, Oed	-
				Shallow groundwater		-
	TP	4	4.5	Solifluction surfaces		-
3900-4100	BH	4	10	Embankment	Clss, Oed	S

ML chainage [m]	Type	No. of exploratory hole	Suggested depth [m]***	Reason*	Suggested lab testing**	Installation
	TP	4	4.5	Vale Farm Overbridge Solifluction Surfaces		-
4100-4580	BH+RC	4	Rockhead + 10	Embankment	CBR, Clss, Oed, Pt.Ld, Uni, Chem	-
	TP	7	4.5	Vale Farm Overbridge access roads		-
4580-4760	BH	1	10	Embankment	Clss, Oed	S
	TP	1	4.5	Shallow groundwater		-
4,760-5000	BH+RC	3	Rockhead+10	Cutting Shallow Water Level	Clss, CBR, MCV, MC, UU, 2.5kg, Pt.Ld, Uni, Chem	p
5000-52340	BH+RC	2	Rockhead+10	Cutting	Clss, CBR, UU, CU, 2.5kg, Pt.Ld, RMC, Uni	-
	TP	3	4.5	Shallow groundwater		-
						-
5340-5440	BH+RC	2	Rockhead+10	Embankment	Clss, CBR, Oed, Pt.Ld, RMC, Uni, Chem	-
	TP	2	4.5	Sparkford Junction Overbridge		-
5,440-6,040	BH+RC	11	Rockhead+10	Cutting	Clss, CBR, MCV, UU, CU, 2.5kg, Pt.Ld, RMC, Uni, Chem	-
	TP	3	4.5	Sparkford Junction Overbridge		-
6040-6120	-	0	-	-	-	-
6,120-6,160	-	0	-	-	-	-

*Solifluction surfaces not currently identified.

** 2.5kg for where material is anticipated to be reused.

***Suggested depths have been made without a detailed 3D-model or cut sections, to be revised prior to Stage 3.

As ground investigation work is by nature exploratory, the location and depth of the exploratory holes may be modified on site, depending on the geometry of the site and the ground conditions encountered during the site investigations. The sampling techniques, frequency and the testing proposed may vary during the site investigations depending on the encountered ground conditions on site.

A3 Special problems to be investigated

The geotechnical, geo-environmental and hydrogeological constraints anticipated across the site that are considered to require a more comprehensive investigation are listed in Table A3-1.

Table A3-1- Critical areas of Investigation (not including proposed bridges and other structures)

Critical locations	Special measures
Across Camel Hill Fault	Geological mapping within Trial Pits Deep exploratory holes around Downhead Lane Junction Overbridge and Steart Hill Underbridge/Overbridge across all four routes
Westbury Formation	Geological Mapping within Trial Pits Deep exploratory holes around structures proposed to overlay this stratum

Further site specific ground investigations may be proposed during the site investigations, where specific problems (e.g. historical undiscovered mining works, Voids etc.) are encountered.

Potential sources of contamination have been identified (refer to the Envirocheck Report in Appendix B) and are listed in Table A3-2.

Table A3-2 - Potential Sources of Contamination

Potential source of contamination	Location
Historical Timber Yard	Approximate Ch. 6000m along every route
Historical Saw Pit	Approximate Ch. 5000m along every route
Historical Camel Hill Quarry Landfill	Approximately 200m to the south of South-eastern Slip road at Sparkford Junction Overbridge
Current Filling Station	Approximately at Ch. 4750m of the existing alignment
Historical Quarry	Approximately between Ch. 4600m and 4820m of the existing alignment adjacent to the westbound carriageway
Historical MOD property	Approximately between Ch. 4240m to 4490m of the existing alignment, adjacent to the westbound carriageway
Historical Quarry	Approximately between Ch. 4190m and 4230m of the existing alignment, adjacent to the westbound carriageway
Historical Quarry	Approximately between Ch. 4050m and 4100m of the existing alignment, adjacent to the eastbound carriageway
Historical Quarry	Approximately between Ch. 4000m and 4120m of the existing alignment, approximately 500m eastbound carriageway
Fuel station	Approximately at Ch. 100m to 150m of the local access road at Downhead lane overbridge
Historical Quarry	Approximately between Ch. 3300m and 3400m of the existing alignment, approximately 500m away from the eastbound carriageway
Waste Management Licensed Site	Approximately between Ch. 3000m and 3100m of the existing alignment, approximately 700m away from the eastbound carriageway

A4 General notes on all proposed investigation

All site investigation related data is to be supplied in AGS Format.

In general, the following standard sampling sequences shall be adopted in cable percussive boreholes:

In granular strata a standard penetration test (SPT) with recovered small disturbed sample at 1m intervals, with bulk samples also at 1m intervals over the same depth range as the SPT, for the first 5m depth. The interval can be increased to every 1.5m thereafter. Water is to be added to the borehole to keep the water level topped up above standing water level when boring in silt, sand and gravel.

In cohesive strata an undisturbed U100 sample at alternating 1m intervals with a SPT test for the first 5m depth, intervals increasing to 1.5m thereafter. A small disturbed sample shall be retrieved from the SPT split spoon. Additional small disturbed samples shall be taken on any change of strata.

Rotary coring will be carried out using triple tube coring techniques with semi-rigid core-liner and polymer mud flush to provide cores of a 100mm minimum diameter.

A5 Site and working restriction

Along Route Option A2, the majority of the investigations will be undertaken near to the existing A303 highway and local access roads. Therefore, consultation with Highways England, the relevant Managing Agent Contractor (MAC) and the local authority is necessary and agreement of any works and permits will be required prior to commencing any site works.

The proposed borehole locations for the Route Option A2 have been selected to minimise the requirement for traffic management and disruption to drivers using the existing A303. However, some boreholes and trial holes may require traffic management to allow the equipment to gain access onto the position. It is likely that traffic management will also be required at junctions with existing local authority roads at Downhead, Steart Hill, Traits Lane and Vale Farm. The required permissions should be obtained prior to commencement of the works.

Along the Route Options B4, F1, E4 and part of A1, the majority of the works will be undertaken within open farmlands and thus, liaison with landowners/farmers is required prior to commencement of the works. This may cause restrictions on access and method of investigation. If the Client wishes, statutory powers may be imposed under the Highways Act, 1980.

For areas along Route Options B4, F1 and E4 where the proposed route will cross the existing roads and pathways, appropriate permissions to investigate these areas should be obtained from the relevant statutory authorities.

It is likely that traffic management will be required at junctions with existing roads at Downhead, Steart Hill, Traits Lane, Vale Farm and the existing roundabout at Sparkford Junction.

Services may be present along the route of the proposed options. The location of the existing services along the preferred route option should be identified and appropriate specialist groundworks contractor must be used to identify the exact location of the services prior to commencement of the works. Permissions and liaison with service holders will be required prior to works.

Agreement on working hours / days should be made with the relevant authorities prior to commencement of the works and work area should be secure during and outside of the site hours.

It is understood that there is a summer moratorium on works directly affecting the A303 (i.e. those requiring traffic management) between early July and early September.

Environmental restrictions, particularly those to safeguard any protected species present, on works associated with the ground investigation will be highlighted to the Contractor.

Land quality investigation may be required involving ground investigation by trial pits and boreholes at the identified areas of potential soil and groundwater contamination, and areas of former unregistered historical quarries. In the first instance additional desk study information is required comprising further Envirocheck data. Information requests to the Environment Agency and the Local Authority are also recommended regarding Waste Management Licenses, and Environmental permits. In addition liaison with the Petroleum Officer may be required with regard to the fuel filling stations. The results of the further data searches will inform the requirement for and scope of any necessary intrusive investigations and environmental risk assessments.

A UXO pre-desk study assessment of the route by Zetica has identified a likely low Unexploded Ordnance hazard level. The report refers to a WWII aircraft crash site at Camel Cross (no further location details provided). It is possible that the site of a military aircraft crash may present a constraint should it lie within the route alignment e.g. Home Office / MOD permit to excavate or possible localised presence of contamination from fuel residues etc.

A6 Specialist consultation

A6.1 Ecology

It is not known whether any protected species exist on the site however, given the large number of water features on or in close proximity to the route, the presence of such species cannot be discounted. It is recommended that an ecological walkover survey is carried out prior to the ground investigation works to determine whether there are any ecological restrictions on working practices.

A6.2 Archaeology

It is recommended that an archaeology survey is undertaken when the preferred route option is selected.

A6.3 Unexploded Ordnance

A UXO pre-desk study assessment of the route by Zetica has identified a likely low Unexploded Ordnance hazard level.

A7 Programme, cost and contract agreement

Predictions for the cost of the ground investigation and interpretation will be undertaken once a final option has been selected.

A8 Reporting

The appointed ground investigation contractor will produce a Factual Report presenting the final findings of the ground investigation. The final version of the report will be provided both as an electronic and a hard copy format.

The appointed Ground Investigation Contractor will provide all fieldwork, monitoring and laboratory data in digital form in accordance with the current revision of the Association of Geotechnical and Geo-environmental Specialists (AGS) publication 'Electronic transfer of geotechnical and geo-environmental data AGS4 edition 4.0'.

All drawings shall be prepared in AutoCAD format and are to be provided in both hard copy and electronic format.

A Ground Investigation Report will be produced by Mott MacDonald Sweco Joint Venture in accordance with Appendix D of DMRB HD22/08 and Eurocode 7 standards. Upon completion of the report it will be provided to the client in both hard copy and electronic format.

A9 Bill of quantity

Bills of quantity will be prepared once a final option has been selected.

Appendix A: Drawings

A.1 Options overview plan and the existing exploratory hole plan

Potential Sources of Contamination

Number	Name
1	Historical Landfill
2	Timber Yarm
3	Saw Pit
4	Camel Hill Quarry Landfill
5	Historical Quarry
6	Filling Station
7	MOD Property
8	Historical Quarry
9	Historical Quarry
10	Historical Quarry
11	Fuel Station
12	Historical Quarry
13	Waste Management Licensed Site, Possible Fuel Tanks and Bulk Storage Tanks



Key to symbols

--- BOUNDARY OF POTENTIAL SOURCES OF CONTAMINATION

Reference drawings

Drawing Status

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S0

A303 SPARKFORD TO ILCHESTER

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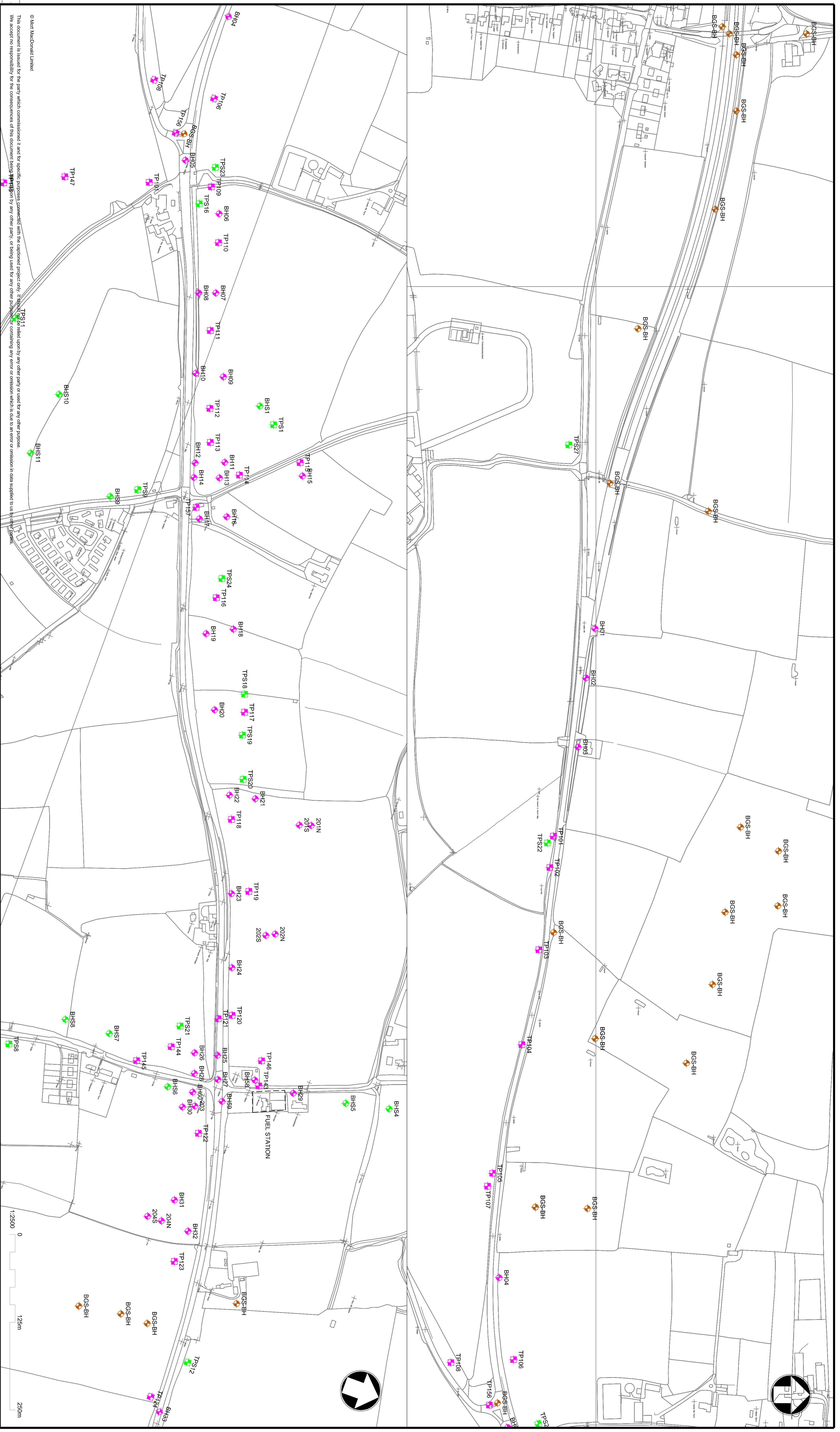
PROPOSED OPTIONS PLAN

Scale	Designed	Drawn	Checked	Approved
1:10,000	RA	SF	RA	DT
Original Size	Date	Date	Date	Date
A1	MAY 2016	MAY 2016	MAY 2016	MAY 2016

Ordering Number	Originator	Volume	Project Ref. No.
HE551507 - MMSJV	- HGT -		117274
Client	Revision	Date	Location
00	- DR - GE - 0001		P01

REV.	DATE	AMENDMENT DETAILS	ORIG. CHK'D APP'D
P01	MAY 2016		

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Notes
 TRS11

Key to symbols

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- TP
- BH
- BGS-BH
- BGS BOREHOLE
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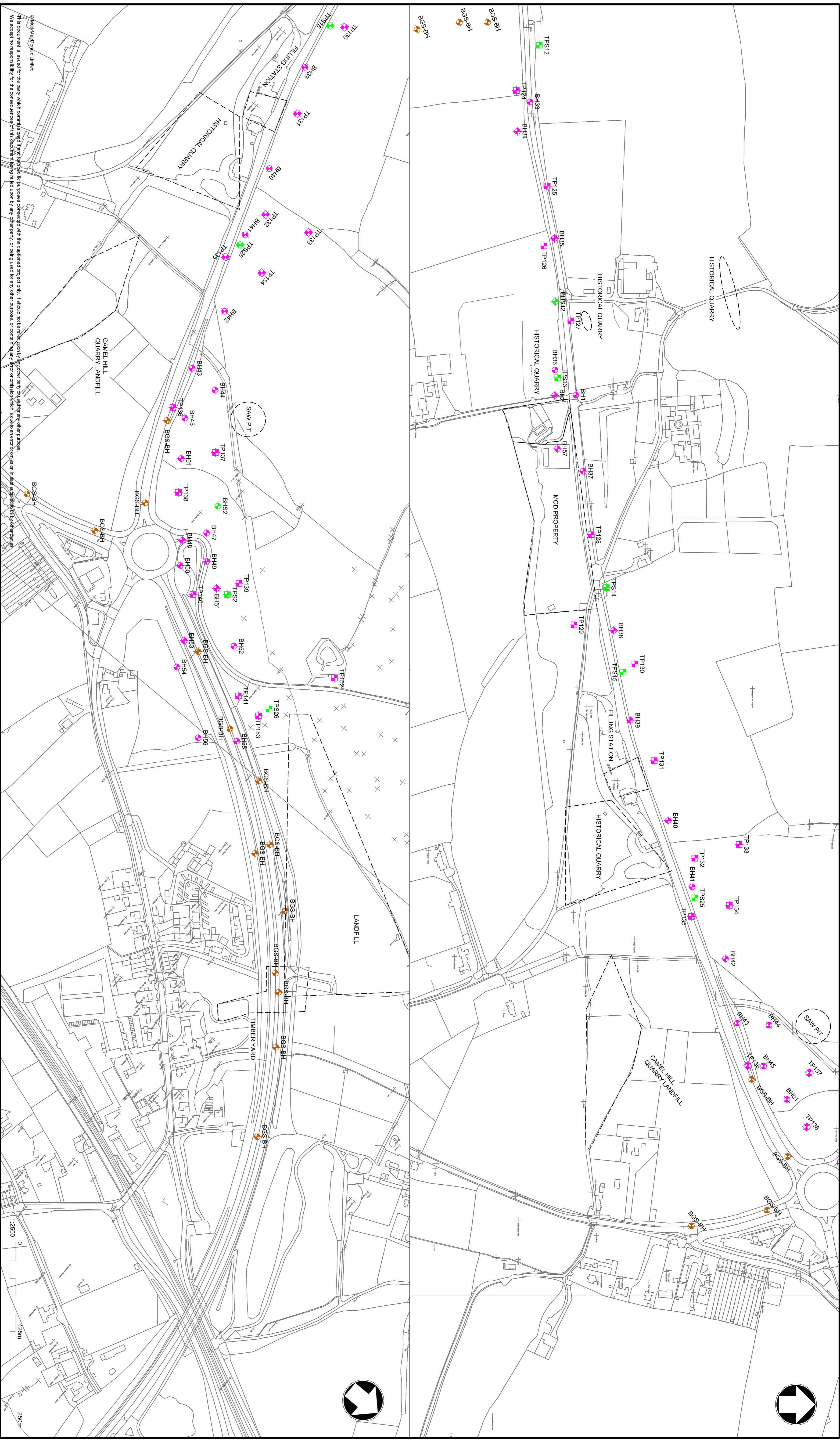
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- BHS
- EXISTING BOREHOLE SUPPLEMENTARY 2003
- EXISTING TRIAL PIT SUPPLEMENTARY 2003
- EXISTING BOREHOLE
- EXISTING TRIAL PIT
- BGS BOREHOLE
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Client	Drawn	Date	Checked
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Reference drawings

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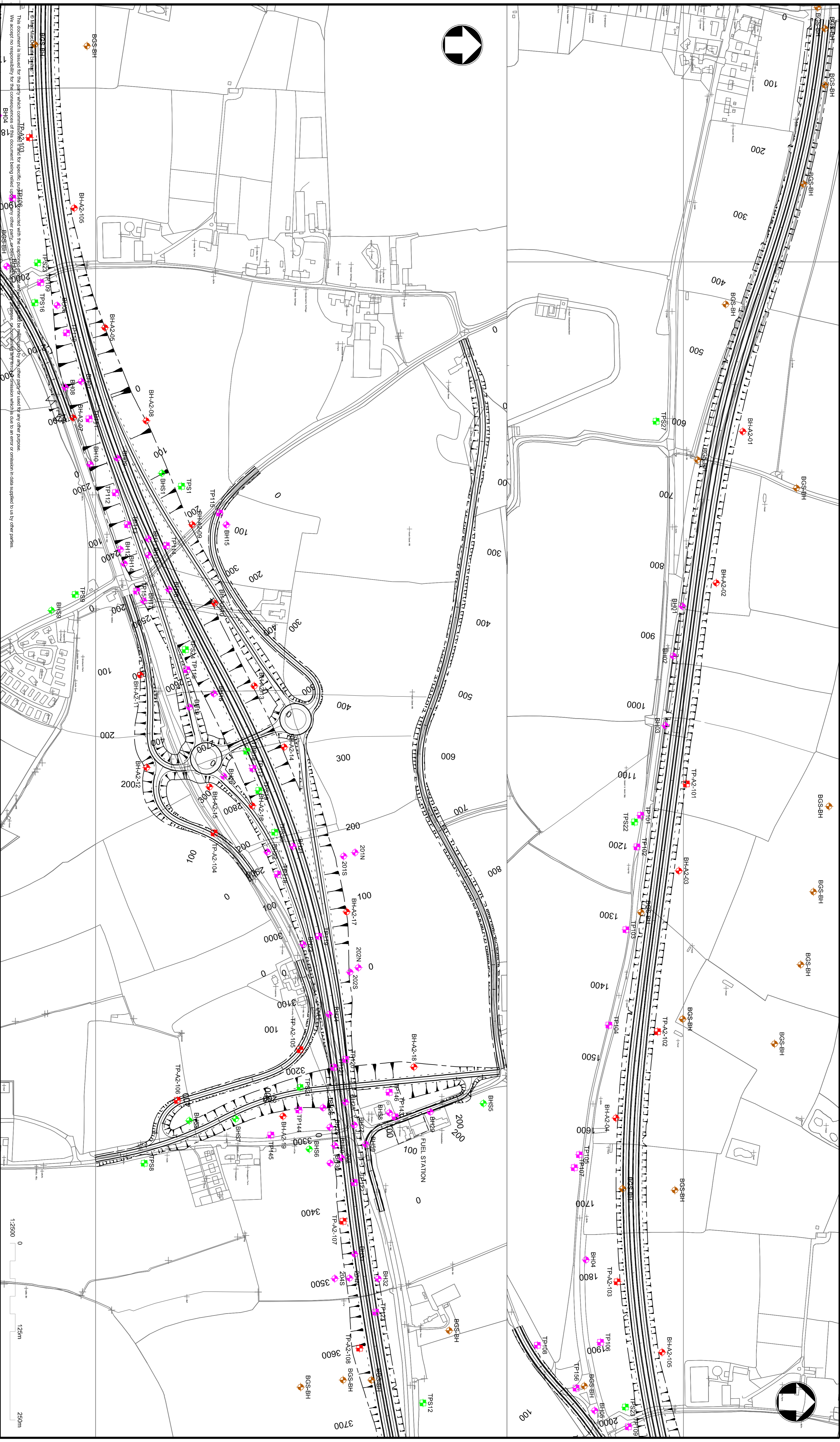
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BGS-BH	BGS BOREHOLE
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Design	RA	Date	MAY 2016	Date	MAY 2016
Project Ref No.	117274	Revision	P01		

A.2 Route Option A2



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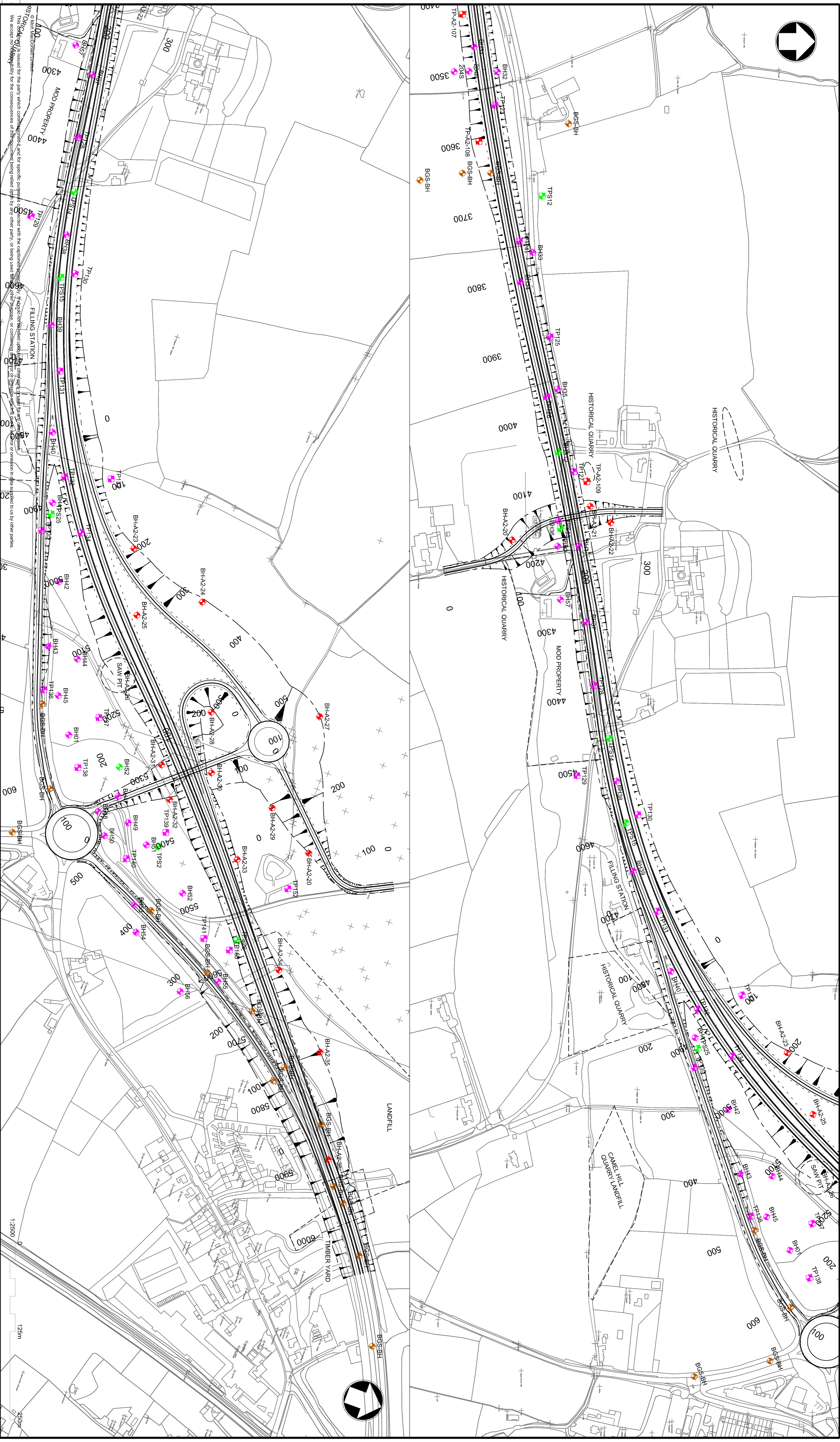
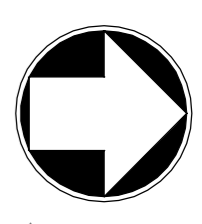
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TP	EXISTING TRIAL PIT
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BH	PROPOSED BOREHOLE OPTION A2
TP	PROPOSED TRIAL PIT OPTION A2
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ROUTE OPTION A2		- DR - GE - 0501	
EXPLORATORY HOLE LOCATION PLAN		00	
Scale	1:2500	Original Size	A1
Design	RA	Date	MAY 2016
Drawn	SF	Date	MAY 2016
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Approved	DT	Date	MAY 2016
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- TPS EXISTING TRIAL PIT SUPPLEMENTARY 2003
- BH EXISTING BOREHOLE
- TP EXISTING TRIAL PIT
- BGS-BH BGS BOREHOLE
- BH PROPOSED BOREHOLE OPTION A2
- TP PROPOSED TRIAL PIT OPTION A2
- BOUNDARY OF POTENTIAL SOURCES OF CONTAMINATION

Reference drawings

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P01	MAY 2016		

Revision	Date	By	Check	Appr
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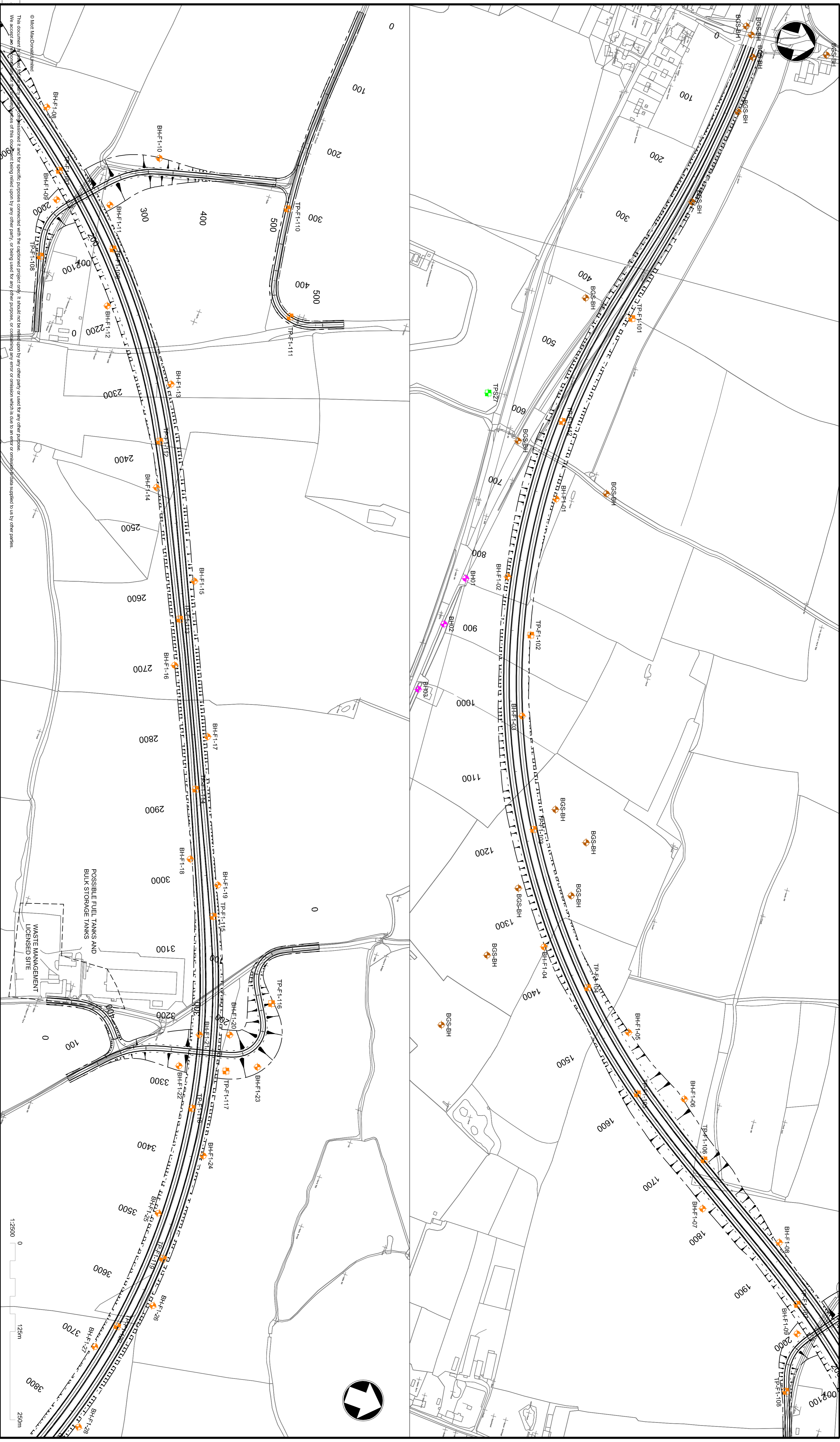
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A.3 Route Option F1



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TP	EXISTING TRIAL PIT
BGS-BH	BGS BOREHOLE
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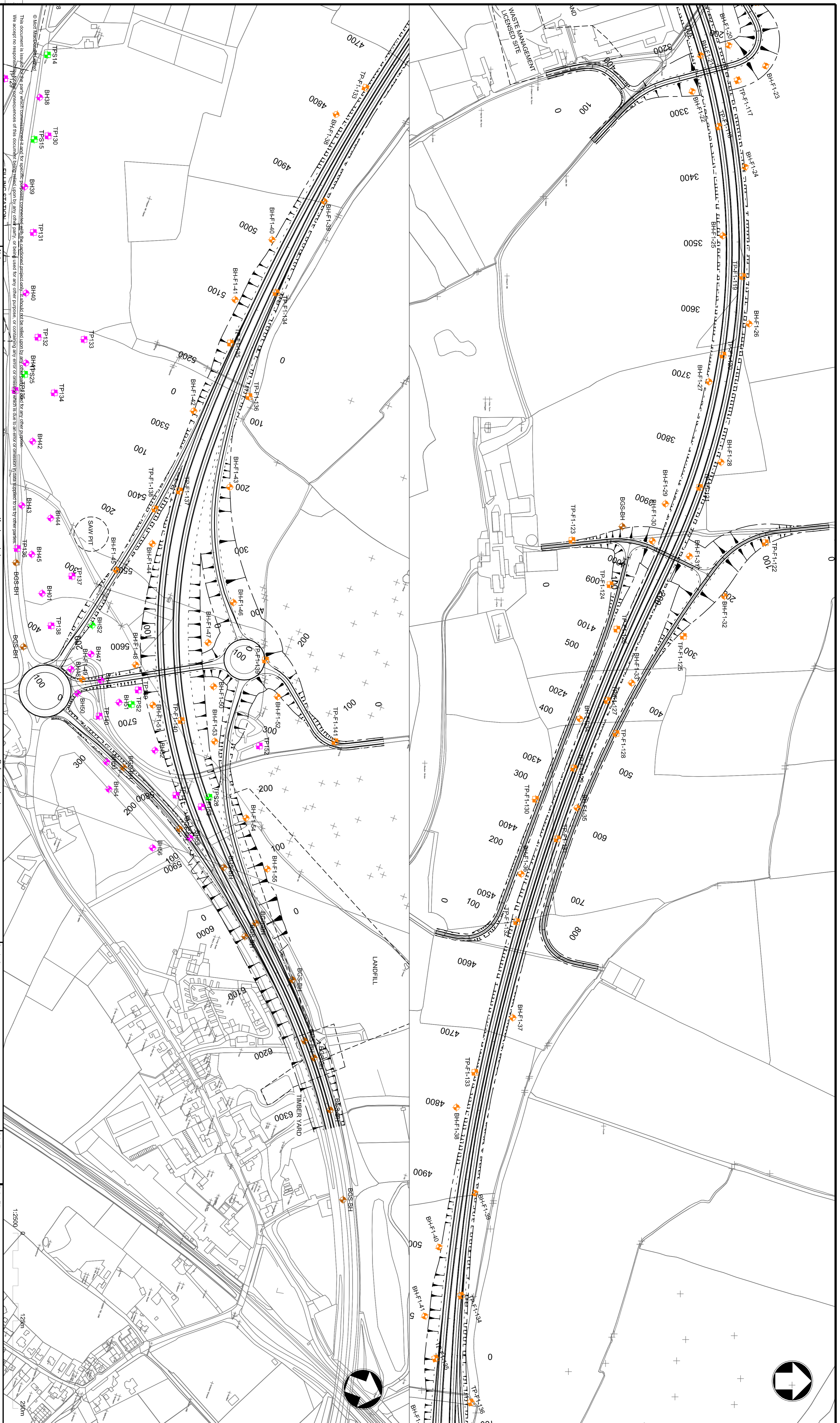
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ROUTE OPTION F1 EXPLORATORY HOLE LOCATION PLAN	
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Original Size: A1	Checked: RA
Date: MAY 2016	Date: MAY 2016
Order Number: HES51507 - MMSUV - HGT - DR - GE - 1201	Project Ref. No: 117274
Revision: P01	Date: MAY 2016



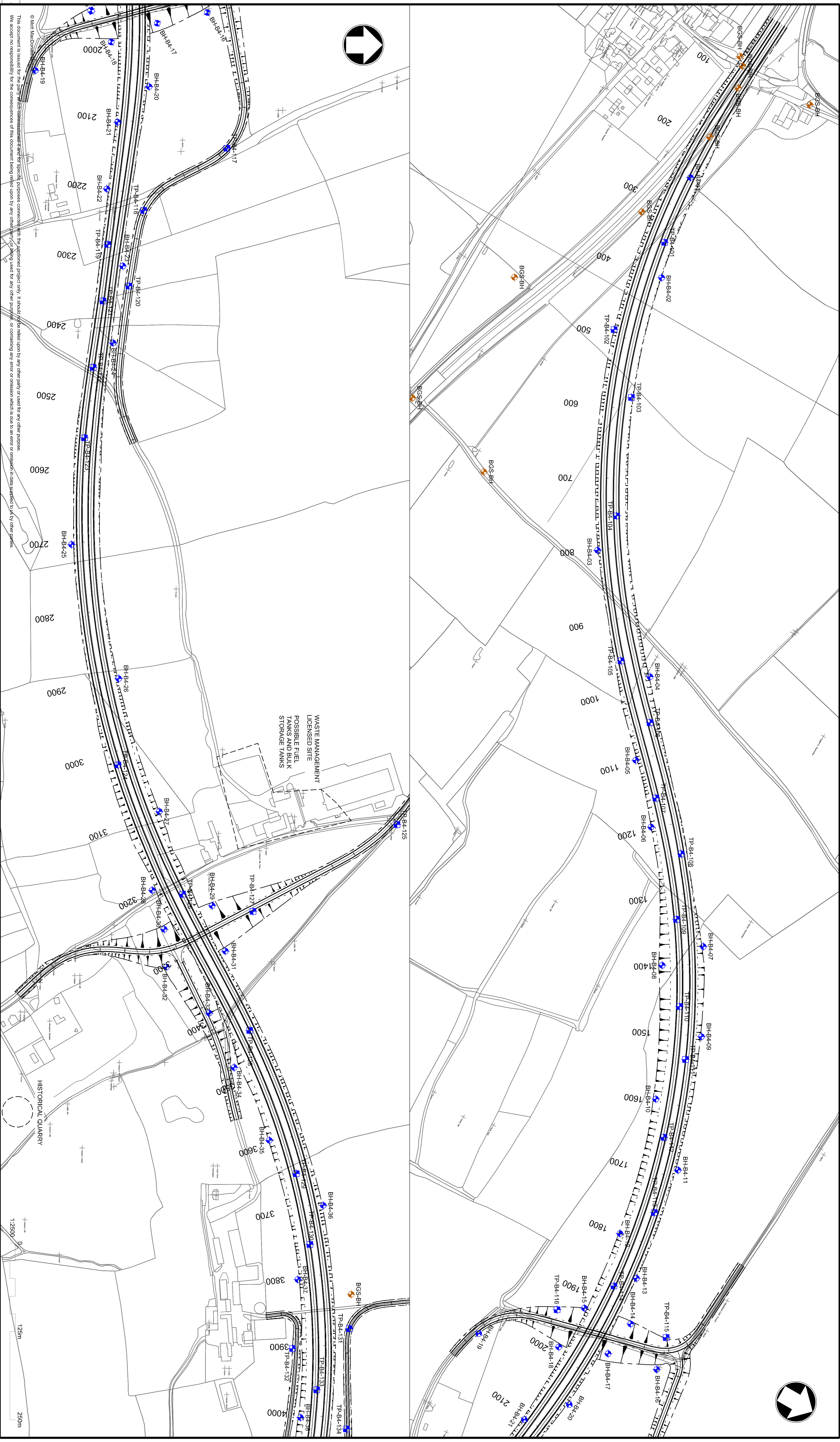
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Drawing Status		Stability		Project Title	
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Client		Drawing Title		Route Title	
Mott MacDonald Sweco		A303 SPARKFORD TO ILCHESTER		ROUTE OPTION F1 EXPLORATORY HOLE LOCATION PLAN	
Site/Location		Scale		Drawing Number	
Spartan Place, Spartan Lane, Southamton, SO50 5NW		1:2500		HE551507 - MMSJV - HGT -	
Tel: +44 (0)23 8922 8900 Fax: +44 (0)23 8922 8991 www.motmsweco.com		Original Size		Issue Number	
		A1		00	
Date		Date		Date	
MAY 2016		MAY 2016		MAY 2016	
By		By		By	
- DR - GE - 1202		-		-	
Revision		Revision		Revision	
P01		P01		P01	

A.4 Route Option B4



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Notes

Key to symbols

Reference drawings

Drawing Status

Proposed Title

- BHS
 - TS
 - TP
 - BH
 - BGS-BH
 - BH
 - TP
 - BH
 - BGS-BH
- EXISTING BOREHOLE SUPPLEMENTARY 2003
 - EXISTING TRIAL PIT SUPPLEMENTARY 2003
 - EXISTING BOREHOLE
 - EXISTING TRIAL PIT
 - BGS BOREHOLE
 - PROPOSED BOREHOLE OPTION B4
 - PROPOSED TRIAL PIT OPTION B4
 - BOUNDARY OF POTENTIAL SOURCES OF CONTAMINATION

PO1	MAY 2016	
REV.	DATE	AMENDMENT DETAILS
		ORIG: CHUCJ (APPD)

Mott MacDonald

Sweco

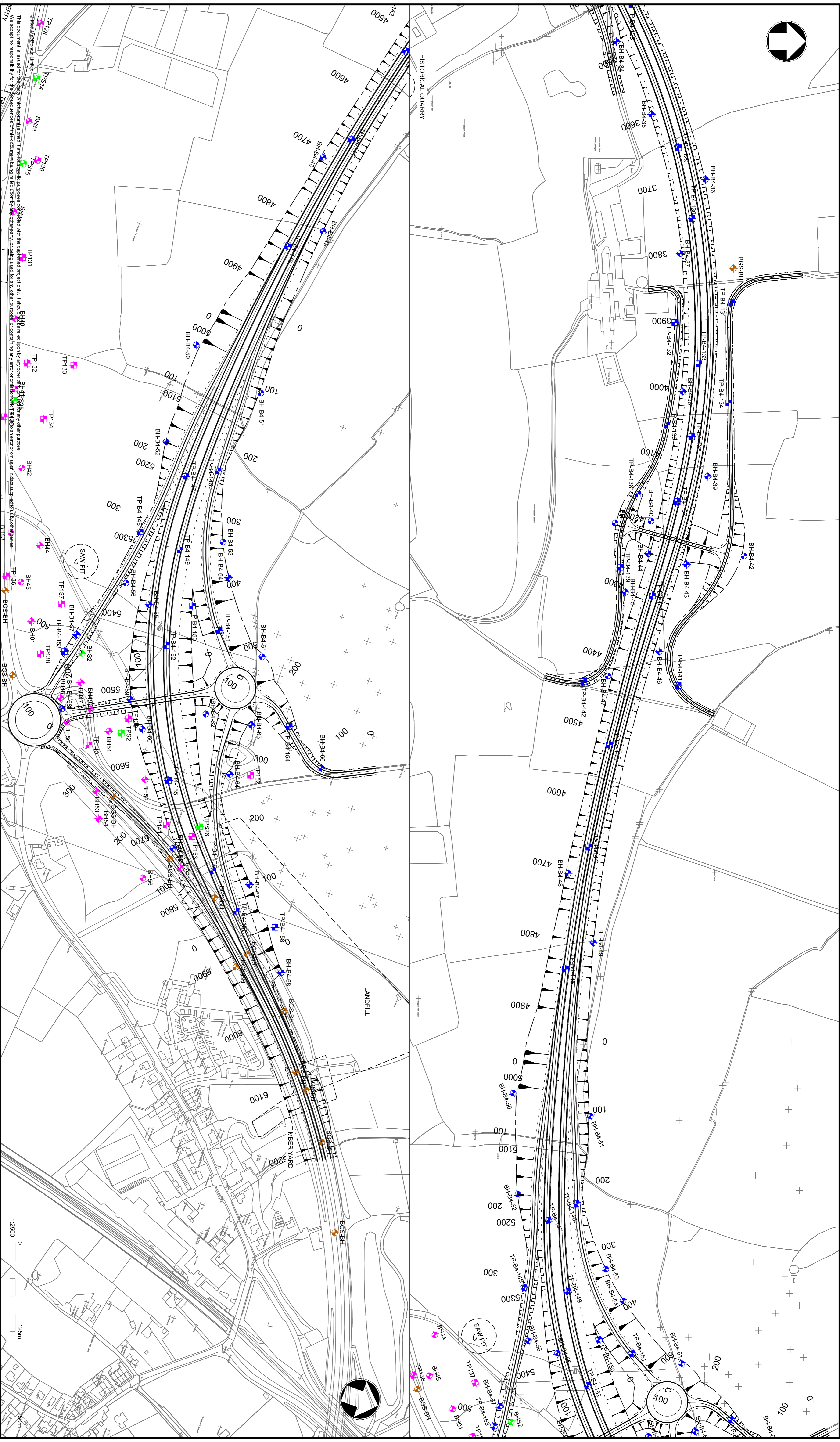
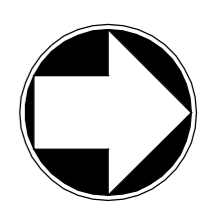
Spensham Place
 Southampton
 SO50 9NW
 Tel: +44 (0)23 8062 8900
 Fax: +44 (0)23 8062 8901
 www.mottmac.com

highways

enland

Client		
DRAFT	Stability	S0
A303 SPARKFORD TO ILCHESTER ROUTE OPTION B4 EXPLORATORY HOLE LOCATION PLAN		
Scale	1:2500	Drawn
Original Size	RA	SF
Date	MAY 2016	Checked
Design	RA	RA
Date	MAY 2016	Approved
Date	MAY 2016	DT
Order Number	HE551507 - MMSJV - HGT -	Project Ref. No.
HE Ref. No.	00	117274
DR - GE - 0601	Revision	P01

C:\Users\1527\Documents\1527\Projects\A303\Drawings & Utilities\HE551507\MMSJV\HGT-0601\GE\0601-0602-2016.dwg 1 (AutoCAD Location)



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Notes

BHS
 TP
 BH
 TP
 BGS-BH
 BHS
 TP
 BH
 TP
 BGS-BH

EXISTING BOREHOLE SUPPLEMENTARY 2003
 EXISTING TRIAL PIT SUPPLEMENTARY 2003
 EXISTING BOREHOLE
 EXISTING TRIAL PIT
 BGS BOREHOLE
 PROPOSED BOREHOLE OPTION B4
 PROPOSED TRIAL PIT OPTION B4

BOUNDARY OF POTENTIAL SOURCES OF CONTAMINATION

Key to symbols
 Reference drawings

Drawing Status

DRAFT

Scale 1:2500

00

Mott MacDonald Sweco
 Stationery Place
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 Fax: +44 (0)23 8022 8901
 www.mottmac.com

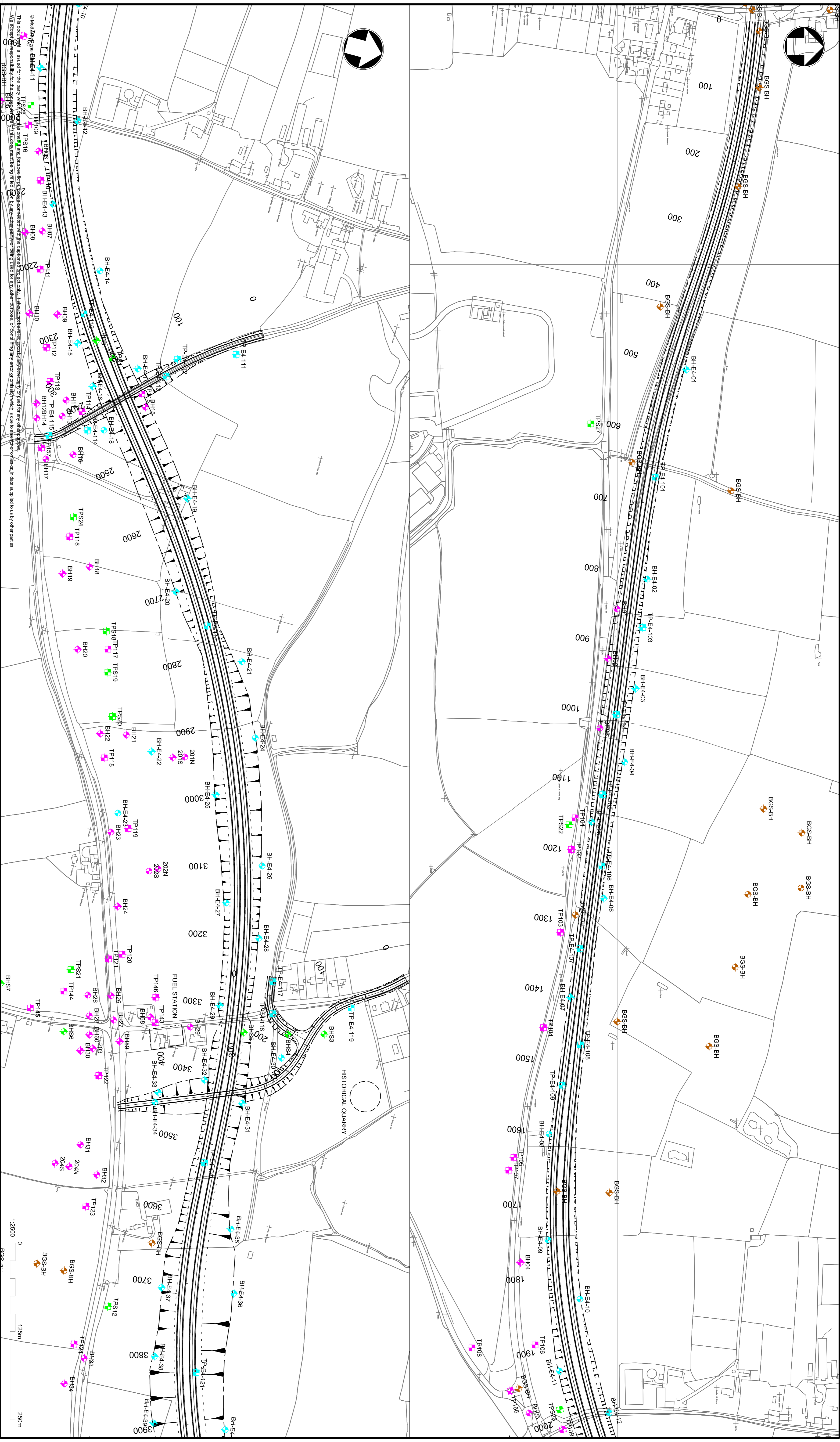
Project Title		Drawing Title	
A303 SPARKFORD TO ILCHESTER		ROUTE OPTION B4 EXPLORATORY HOLE LOCATION PLAN	
Client	Highways England	Contract Number	HE551507 - MMSJV - HGT - DR - GE - 0802
Scale	1:2500	Drawn	SF
Original Size	A1	Date	MAY 2016
Checked	RA	Date	MAY 2016
Approved	DT	Date	MAY 2016
Revision	P01	Project Ref. No.	117274

REV.	DATE	AMENDMENT DETAILS	ORIG. CHKD/APPD.
P01	MAY 2016		

REV.	DATE	AMENDMENT DETAILS	ORIG. CHKD/APPD.
P01	MAY 2016		

highways england

A.5 Route Option E4



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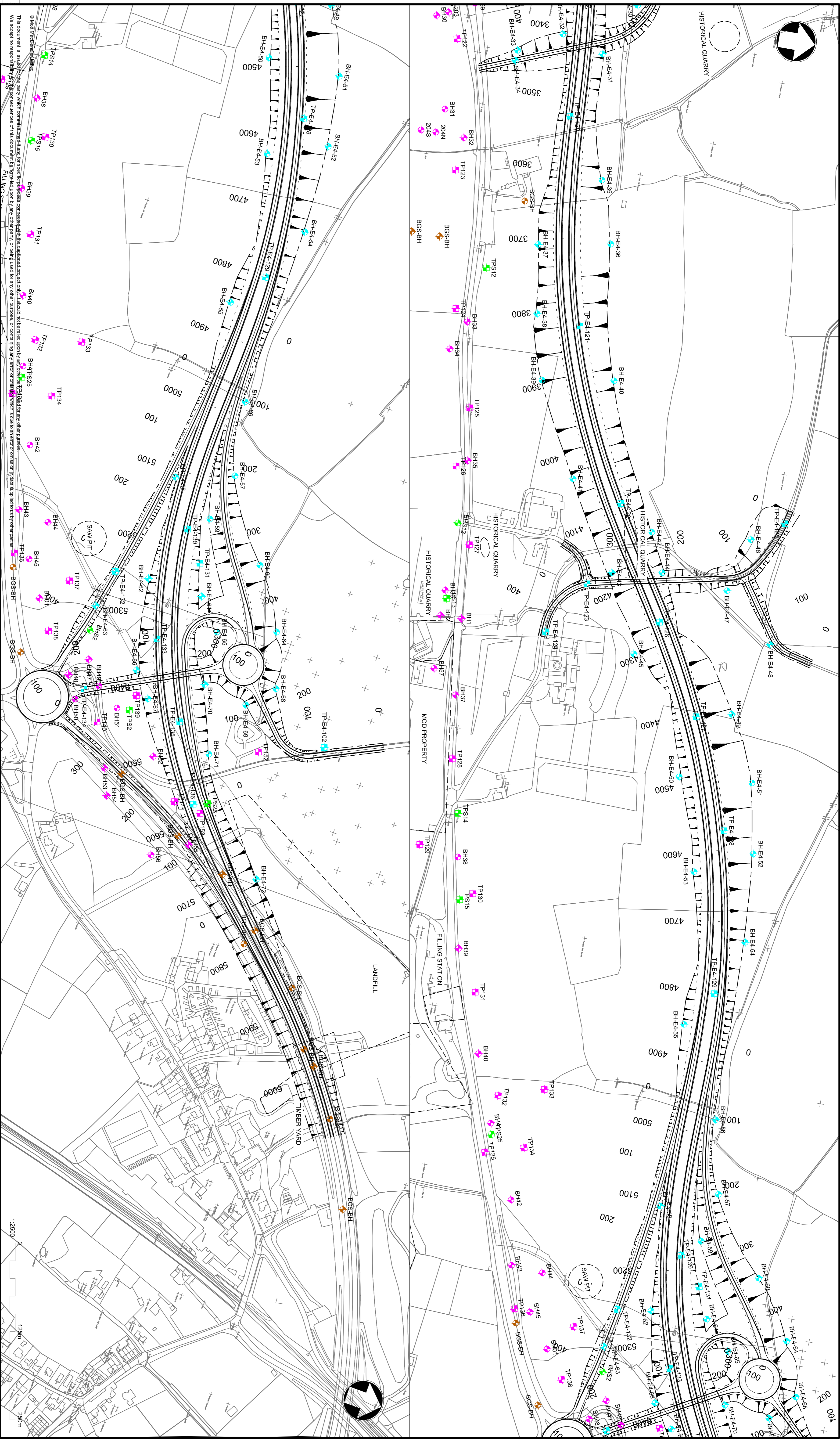
Notes
 Key to symbols
 Reference drawings

DRAFT
 S0
 A303 SPARKFORD TO ILCHESTER
 ROUTE OPTION E4
 EXPLORATORY HOLE LOCATION PLAN

REV	DATE	AMENDMENT DETAILS	ORIG (CHKD/APPD)
P01	MAY 2016		

BHS	EXISTING BOREHOLE SUPPLEMENTARY 2003
TPS	EXISTING TRIAL PIT SUPPLEMENTARY 2003
BH	EXISTING BOREHOLE
TP	EXISTING TRIAL PIT
BGS-BH	BGS BOREHOLE
TP-E4	PROPOSED BOREHOLE OPTION E4
BH-E4	PROPOSED TRIAL PIT OPTION E4
---	BOUNDARY OF POTENTIAL SOURCES OF CONTAMINATION

		Station Place Southam Lane SO50 9NW Tel: +44 (0)23 8022 8800 Fax: +44 (0)23 8022 8801 www.mottmac.com	
Client	Contract Number	Volume	Project Ref. No.
Mott MacDonald Sweco	HE551507 - MMSJV - HGT -	- DR - GE - 0701	117274
Scale	Original Size	Date	Date
1:2500	A1	MAY 2016	MAY 2016
Designed	Drawn	Checked	Approved
RA	SF	RA	DT
Date	Date	Date	Date
MAY 2016	MAY 2016	MAY 2016	MAY 2016



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FILLINGS

Notes

Key to symbols

Reference drawings

Drawing Status

Stability

Project Title

Drawing Title

Scale

REV.	DATE	AMENDMENT DETAILS	ORIG. CHKD/APPD.
P01	MAY 2016		

BHS	EXISTING BOREHOLE SUPPLEMENTARY 2003
TPS	EXISTING TRIAL PIT SUPPLEMENTARY 2003
BH	EXISTING BOREHOLE
TP	EXISTING TRIAL PIT
BGS-BH	BGS BOREHOLE
TP	PROPOSED BOREHOLE OPTION E4
TP	PROPOSED TRIAL PIT OPTION E4
- - -	BOUNDARY OF POTENTIAL SOURCES OF CONTAMINATION

Mott MacDonald Sweco	
Station Place Southwark Lane SO50 5NW Tel: +44 (0)23 8062 8800 Fax: +44 (0)23 8062 8891 www.mottmac.com	
Client	
DRAFT	S0
A303 SPARKFORD TO ILCHESTER	
ROUTE OPTION E4 EXPLORATORY HOLE LOCATION PLAN	
Scale	1:2500
Original Size	A1
Date	MAY 2016
Drawn	SF
Checked	RA
Date	MAY 2016
Approved	DT
Date	MAY 2016
Order Number	HE551507 - MMSJV - HGT -
Volume	- DR - GE - 0702
Project Ref. No.	117274
Revision	P01

Appendix B: Envirocheck and Zetica report

Index Map

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

Slice

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

Segment

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

Quadrant

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

A selection of organisations who provide data within this report:



Envirocheck reports are compiled from 136 different sources of data.

Client Details

Ms L Cottrell, Grontmij, Grove House, Mansion Gate Drive, Leeds, LS7 4DN

Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 357540, 126120
 Site Area (Ha): 10.71
 Search Buffer (m): 500

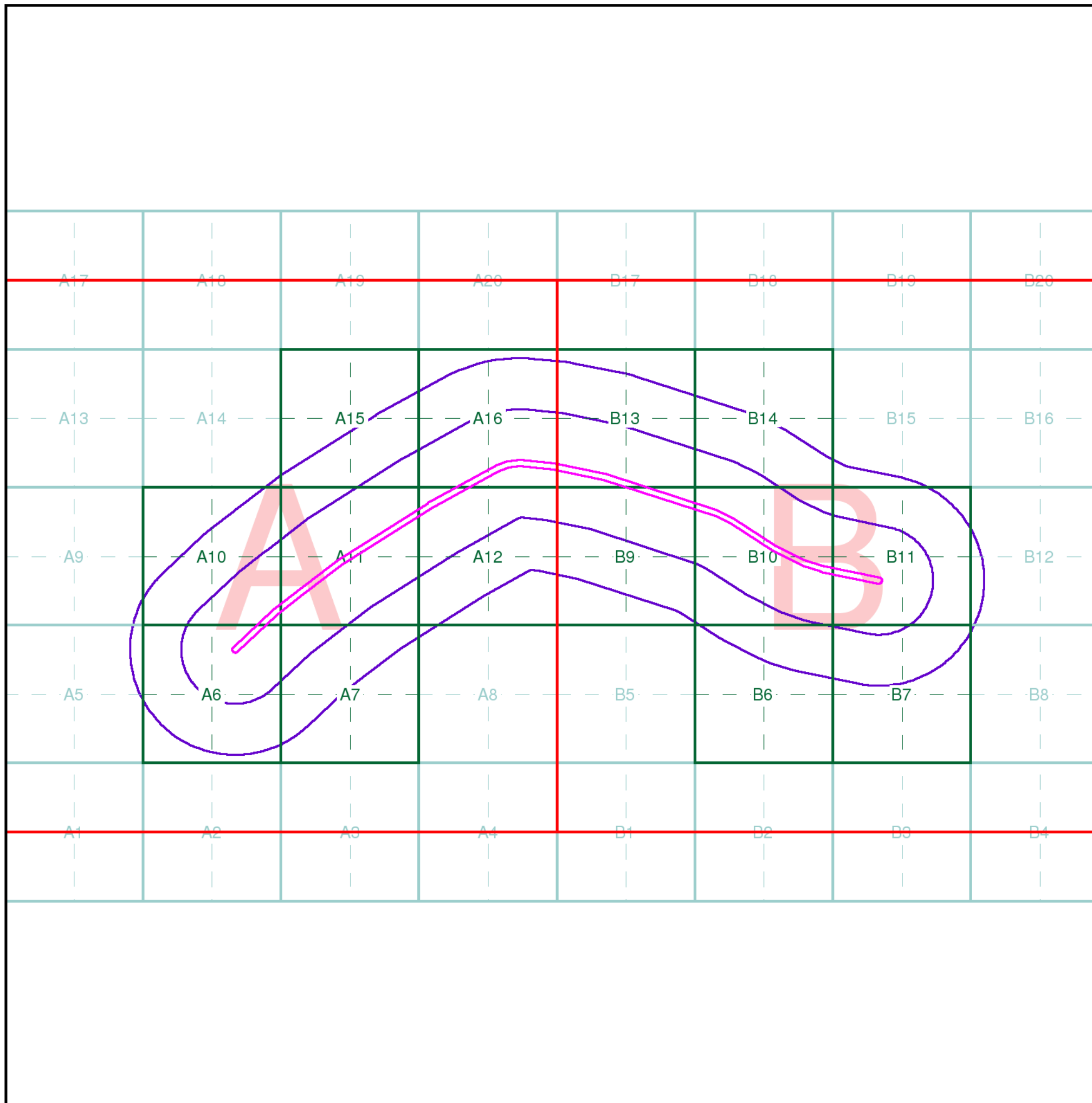
Site Details

Site at, Sparkford, Somerset

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



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



Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

79579301_1_1

Customer Reference:

A303 Option F1

National Grid Reference:

356600, 125990

Slice:

A

Site Area (Ha):

10.71

Search Buffer (m):

500

Site Details:

Site at
Sparkford
Somerset

Client Details:

Ms L Cottrell
Grontmij
Grove House
Mansion Gate Drive
Leeds
LS7 4DN

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	4
Hazardous Substances	-
Geological	5
Industrial Land Use	-
Sensitive Land Use	8
Data Currency	9
Data Suppliers	13
Useful Contacts	14

Introduction

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

In the attached datasheet the National Grid References (NGRs) are rounded to the nearest 10m in accordance with Landmark's agreements with a number of Data Suppliers.

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Radon Potential dataset Copyright Notice

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

Report Version v50.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m (*up to 1000m)
Agency & Hydrological				
Contaminated Land Register Entries and Notices				
Discharge Consents	pg 1		1	1
Enforcement and Prohibition Notices				
Integrated Pollution Controls				
Integrated Pollution Prevention And Control				
Local Authority Integrated Pollution Prevention And Control				
Local Authority Pollution Prevention and Controls				
Local Authority Pollution Prevention and Control Enforcements				
Nearest Surface Water Feature	pg 1		Yes	
Pollution Incidents to Controlled Waters				
Prosecutions Relating to Authorised Processes				
Prosecutions Relating to Controlled Waters				
Registered Radioactive Substances				
River Quality				
River Quality Biology Sampling Points				
River Quality Chemistry Sampling Points				
Substantiated Pollution Incident Register				
Water Abstractions				
Water Industry Act Referrals				
Groundwater Vulnerability	pg 1	Yes	n/a	n/a
Bedrock Aquifer Designations	pg 1	Yes	n/a	n/a
Superficial Aquifer Designations	pg 1	Yes	n/a	n/a
Source Protection Zones				
Extreme Flooding from Rivers or Sea without Defences	pg 1	Yes		n/a
Flooding from Rivers or Sea without Defences	pg 1	Yes		n/a
Areas Benefiting from Flood Defences				n/a
Flood Water Storage Areas				n/a
Flood Defences				n/a
Detailed River Network Lines	pg 2	Yes	Yes	Yes
Detailed River Network Offline Drainage				

Data Type	Page Number	On Site	0 to 250m	251 to 500m (*up to 1000m)
Waste				
BGS Recorded Landfill Sites				
Historical Landfill Sites				
Integrated Pollution Control Registered Waste Sites				
Licensed Waste Management Facilities (Landfill Boundaries)				
Licensed Waste Management Facilities (Locations)	pg 4			1
Local Authority Recorded Landfill Sites				
Registered Landfill Sites				
Registered Waste Transfer Sites				
Registered Waste Treatment or Disposal Sites				
Hazardous Substances				
Control of Major Accident Hazards Sites (COMAH)				
Explosive Sites				
Notification of Installations Handling Hazardous Substances (NIHHS)				
Planning Hazardous Substance Consents				
Planning Hazardous Substance Enforcements				
Geological				
BGS 1:625,000 Solid Geology	pg 5	Yes	n/a	n/a
BGS Estimated Soil Chemistry	pg 5	Yes	Yes	Yes
BGS Recorded Mineral Sites				
BGS Urban Soil Chemistry				
BGS Urban Soil Chemistry Averages				
Brine Compensation Area			n/a	n/a
Coal Mining Affected Areas			n/a	n/a
Mining Instability			n/a	n/a
Man-Made Mining Cavities				
Natural Cavities				
Non Coal Mining Areas of Great Britain				n/a
Potential for Collapsible Ground Stability Hazards	pg 6	Yes		n/a
Potential for Compressible Ground Stability Hazards	pg 6	Yes		n/a
Potential for Ground Dissolution Stability Hazards				n/a
Potential for Landslide Ground Stability Hazards	pg 7	Yes		n/a
Potential for Running Sand Ground Stability Hazards	pg 7	Yes		n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 7	Yes		n/a
Radon Potential - Radon Affected Areas			n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a

Data Type	Page Number	On Site	0 to 250m	251 to 500m (*up to 1000m)
Industrial Land Use				
Contemporary Trade Directory Entries				
Fuel Station Entries				
Sensitive Land Use				
Areas of Adopted Green Belt				
Areas of Unadopted Green Belt				
Areas of Outstanding Natural Beauty				
Environmentally Sensitive Areas				
Forest Parks				
Local Nature Reserves				
Marine Nature Reserves				
National Nature Reserves				
National Parks				
Nitrate Sensitive Areas				
Nitrate Vulnerable Zones	pg 8	1		
Ramsar Sites				
Sites of Special Scientific Interest				
Special Areas of Conservation				
Special Protection Areas				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	Discharge Consents Operator: Messrs R C Chapman & Son Property Type: Livestock Production, Food Production Location: Lower Farm (West Camel), West Camel, Yeovil, Somerset Authority: Environment Agency, South West Region Catchment Area: Cary Reference: 080488 Permit Version: 1 Effective Date: 11th December 1969 Issued Date: Not Supplied Revocation Date: 1st October 1996 Discharge Type: Trade Discharge - Agricultural And Surface Discharge Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Of River Cary Status: Not Supplied Positional Accuracy: Located by supplier to within 100m	A11SE (SE)	135	2	356700 125900
2	Discharge Consents Operator: Mrs N J Strachan Property Type: Domestic Property (Multiple) Location: North Hill Farm & New Barn, West Camel, Yeovil, Somerset, Ba22 7rf Authority: Environment Agency, South West Region Catchment Area: Cary Reference: 103702 Permit Version: 1 Effective Date: 16th April 2007 Issued Date: 16th April 2007 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Tributary Of River Cary Status: Not Supplied Positional Accuracy: Located by supplier to within 10m	A12NE (E)	369	2	357340 126015
	Nearest Surface Water Feature	A16SW (NE)	71	-	357243 126506
	Groundwater Vulnerability Soil Classification: Soils of Low Leaching Potential - Soils in which pollutants are unlikely to penetrate the soil layer because water movement is largely horizontal or they have large ability to attenuate diffuse pollutants. Lateral flow from these soils contribute to groundwater recharge elsewhere in the catchment Map Sheet: Sheet 43 East Somerset and South West Wiltshire Scale: 1:100,000	A11SW (SW)	0	2	356433 125811
	Groundwater Vulnerability Soil Classification: Soils of High Leaching Potential (H1) - Soils which readily transmit liquid discharges because they are either shallow, or susceptible to rapid by-pass flow directly to rock, gravel or groundwater Map Sheet: Sheet 43 East Somerset and South West Wiltshire Scale: 1:100,000	A16SE (NE)	0	2	357264 126486
	Groundwater Vulnerability Soil Classification: Soils of Intermediate Leaching Potential (I1) - Soils which can possibly transmit a wide range of pollutants Map Sheet: Sheet 43 East Somerset and South West Wiltshire Scale: 1:100,000	A11SE (NE)	0	2	356595 125989
	Drift Deposits None				
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A11SE (NE)	0	3	356595 125989
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A11NE (N)	0	3	356655 126175
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NE (N)	0	2	356620 126310
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NE (N)	0	2	356635 126315
	Areas Benefiting from Flood Defences None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Flood Water Storage Areas None				
	Flood Defences None				
3	Detailed River Network Lines River Type: Extended Culvert (greater than 50m) River Name: Not Supplied Hydrographic Area: D002 River Flow Type: Primary Flow Path River Surface Level: Below Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A15SE (NE)	0	2	356917 126373
4	Detailed River Network Lines River Type: Extended Culvert (greater than 50m) River Name: Not Supplied Hydrographic Area: D002 River Flow Type: Primary Flow Path River Surface Level: Below Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A7NW (S)	5	2	356508 125445
5	Detailed River Network Lines River Type: Secondary River River Name: Not Supplied Hydrographic Area: D002 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A16SW (NE)	73	2	356927 126557
6	Detailed River Network Lines River Type: Secondary River River Name: Dyke Brook Hydrographic Area: D002 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A16SE (NE)	83	2	357514 126548
7	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D002 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A15SE (NE)	120	2	356917 126373

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	Detailed River Network Lines River Type: Secondary River River Name: Not Supplied Hydrographic Area: D002 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A16SE (NE)	122	2	357499 126585
9	Detailed River Network Lines River Type: Secondary River River Name: Dyke Brook Hydrographic Area: D002 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A15SW (NW)	279	2	356331 126500
	Detailed River Network Offline Drainage None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
10	Licensed Waste Management Facilities (Locations) Licence Number: 103678 Location: Steart Hill Farm, Stoney Stoke, West Camel, Somerset, BA22 7RF Operator Name: Hopkins Development Ltd Operator Location: Not Supplied Authority: Environment Agency - South West Region, Wessex Area Site Category: Use of waste in construction <50,000 tps Licence Status: Issued Issued: 8th February 2012 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A12NE (E)	295	2	357453 126141
	Local Authority Landfill Coverage Name: South Somerset District Council - Data has been captured by Landmark Information Group		0	7	356595 125989
	Local Authority Landfill Coverage Name: Somerset County Council - Has no landfill data to supply		0	6	356595 125989

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Lias Group	A11SE (NE)	0	3	356595 125989
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 30 - 45 mg/kg	A11SE (NE)	0	3	356595 125989
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 30 - 45 mg/kg	A11NE (N)	0	3	356595 126000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 30 - 45 mg/kg	A11NE (N)	0	3	356656 126176
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 30 - 45 mg/kg	A12NW (E)	0	3	357000 126131
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 30 - 45 mg/kg	A10SE (W)	5	3	356000 125989
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 30 - 45 mg/kg	A12NW (E)	12	3	357000 126000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A16SW (NE)	209	3	357000 126625
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A12SW (E)	211	3	357000 125989
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A15SE (N)	301	3	356839 126657
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A10NE (W)	333	3	356000 126000
	BGS Measured Urban Soil Chemistry No data available				
	BGS Urban Soil Chemistry Averages No data available				
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11NE (N)	0	3	356656 126176
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11SE (NE)	0	3	356595 125989
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A11NE (N)	0	3	356656 126176
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11SE (NE)	0	3	356595 125989
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11SE (NE)	0	3	356595 125989

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A11SE (SE)	0	3	356778 125671
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11SE (NE)	0	3	356595 125989
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11SE (NE)	0	3	356595 125989
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A11NE (N)	0	3	356656 126176
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11SE (NE)	0	3	356595 125989
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A11SE (NE)	0	3	356595 125989
	Radon Potential - Radon Affected Areas Affected Area: The property is in a lower probability radon area, as less than 1% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	A11SE (NE)	0	3	356595 125989

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
11	Nitrate Vulnerable Zones Name: Not Supplied Description: Surface Water Source: Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	A11SE (NE)	0	4	356595 125989

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Mendip District Council - Environmental Health Department South Somerset District Council - Environmental Health Department	March 2015 March 2015	Annual Rolling Update Annual Rolling Update
Discharge Consents Environment Agency - South West Region	January 2016	Quarterly
Enforcement and Prohibition Notices Environment Agency - South West Region	March 2013	As notified
Integrated Pollution Controls Environment Agency - South West Region	October 2008	Not Applicable
Integrated Pollution Prevention And Control Environment Agency - South West Region	January 2016	Quarterly
Local Authority Integrated Pollution Prevention And Control Mendip District Council - Environmental Health Department South Somerset District Council - Environmental Health Department	August 2015 October 2014	Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Controls Mendip District Council - Environmental Health Department South Somerset District Council - Environmental Health Department	August 2015 October 2014	Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Mendip District Council - Environmental Health Department South Somerset District Council - Environmental Health Department	August 2015 October 2014	Annual Rolling Update Annual Rolling Update
Nearest Surface Water Feature Ordnance Survey	July 2012	Quarterly
Pollution Incidents to Controlled Waters Environment Agency - South West Region	September 1999	Not Applicable
Prosecutions Relating to Authorised Processes Environment Agency - South West Region	March 2013	As notified
Prosecutions Relating to Controlled Waters Environment Agency - South West Region	March 2013	As notified
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	July 2012	Annually
River Quality Chemistry Sampling Points Environment Agency - Head Office	July 2012	Annually
Substantiated Pollution Incident Register Environment Agency - South West Region - North Wessex Area Environment Agency - South West Region - Wessex Area	January 2016 January 2016	Quarterly Quarterly
Water Abstractions Environment Agency - South West Region	January 2016	Quarterly
Water Industry Act Referrals Environment Agency - South West Region	January 2016	Quarterly
Groundwater Vulnerability Environment Agency - Head Office	April 2015	Not Applicable
Drift Deposits Environment Agency - Head Office	January 1999	Not Applicable
Bedrock Aquifer Designations British Geological Survey - National Geoscience Information Service	October 2012	As notified
Superficial Aquifer Designations British Geological Survey - National Geoscience Information Service	January 2015	As notified
Source Protection Zones Environment Agency - Head Office	October 2015	Quarterly

Agency & Hydrological	Version	Update Cycle
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	November 2015	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	November 2015	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	November 2015	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	November 2015	Quarterly
Flood Defences Environment Agency - Head Office	November 2015	Quarterly
Detailed River Network Lines Environment Agency - Head Office	March 2012	Annually
Detailed River Network Offline Drainage Environment Agency - Head Office	March 2012	Annually
Surface Water 1 in 30 year Flood Extent Environment Agency - Head Office	October 2013	As notified
Surface Water 1 in 100 year Flood Extent Environment Agency - Head Office	October 2013	As notified
Surface Water 1 in 1000 year Flood Extent Environment Agency - Head Office	October 2013	As notified
Surface Water Suitability Environment Agency - Head Office	October 2013	As notified
Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Integrated Pollution Control Registered Waste Sites Environment Agency - South West Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - South West Region - North Wessex Area Environment Agency - South West Region - Wessex Area	August 2014 August 2014	Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - South West Region - North Wessex Area Environment Agency - South West Region - Wessex Area	January 2016 January 2016	Quarterly Quarterly
Local Authority Landfill Coverage Mendip District Council - Environmental Health Department Somerset County Council - Environment Department South Somerset District Council - Environmental Health Department	May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Mendip District Council - Environmental Health Department Somerset County Council - Environment Department South Somerset District Council - Environmental Health Department	May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable
Registered Landfill Sites Environment Agency - South West Region - North Wessex Area	March 2003	Not Applicable
Registered Waste Transfer Sites Environment Agency - South West Region - North Wessex Area	March 2003	Not Applicable
Registered Waste Treatment or Disposal Sites Environment Agency - South West Region - North Wessex Area	March 2003	Not Applicable

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	June 2015	Bi-Annually
Explosive Sites Health and Safety Executive	June 2015	Bi-Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements Mendip District Council Somerset County Council - Environment Department South Somerset District Council - Planning	February 2016 March 2015 September 2014	Annual Rolling Update Annual Rolling Update Annual Rolling Update
Planning Hazardous Substance Consents Mendip District Council Somerset County Council - Environment Department South Somerset District Council - Planning	February 2016 March 2015 September 2014	Annual Rolling Update Annual Rolling Update Annual Rolling Update
Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	January 2010	Annually
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	November 2015	Bi-Annually
Brine Compensation Area Cheshire Brine Subsidence Compensation Board	August 2011	Not Applicable
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	As notified
Mining Instability Ove Arup & Partners	October 2000	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	July 2014	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	As notified
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	As notified

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	November 2015	Quarterly
Fuel Station Entries Catalist Ltd - Experian	November 2015	Quarterly
Sensitive Land Use	Version	Update Cycle
Areas of Adopted Green Belt Mendip District Council	January 2016	As notified
Areas of Unadopted Green Belt Mendip District Council	November 201	As notified
Areas of Outstanding Natural Beauty Natural England	October 2015	Bi-Annually
Environmentally Sensitive Areas Natural England	October 2015	Annually
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	October 2015	Bi-Annually
Marine Nature Reserves Natural England	October 2015	Bi-Annually
National Nature Reserves Natural England	October 2015	Bi-Annually
National Parks Natural England	August 2015	Bi-Annually
Nitrate Sensitive Areas Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	October 2015	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	October 2015	Annually
Ramsar Sites Natural England	October 2015	Bi-Annually
Sites of Special Scientific Interest Natural England	October 2015	Bi-Annually
Special Areas of Conservation Natural England	October 2015	Bi-Annually
Special Protection Areas Natural England	October 2015	Bi-Annually

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	
Scottish Environment Protection Agency	
The Coal Authority	
British Geological Survey	 British Geological Survey <small>NATURAL ENVIRONMENT RESEARCH COUNCIL</small>
Centre for Ecology and Hydrology	 Centre for Ecology & Hydrology <small>NATURAL ENVIRONMENT RESEARCH COUNCIL</small>
Natural Resources Wales	
Scottish Natural Heritage	
Natural England	
Public Health England	
Ove Arup	
Peter Brett Associates	

Contact	Name and Address	Contact Details
2	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	British Geological Survey - Enquiry Service British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
4	Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Government Buildings, Otley Road, Lawnswood, Leeds, West Yorkshire, LS16 5QT	Telephone: 0113 2613333 Fax: 0113 230 0879
5	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
6	Somerset County Council - Environment Department County Hall, Taunton, Somerset, TA1 4DY	Telephone: 01823 355455 Fax: 01823 356113 Website: www.somerset.gov.uk
7	Landmark Information Group Limited Legal and Financial, Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9966 Fax: 0844 844 9980 Email: info@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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

Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

79579301_1_1

Customer Reference:

A303 Option F1

National Grid Reference:

358580, 126110

Slice:

B

Site Area (Ha):

10.71

Search Buffer (m):

500

Site Details:

Site at

Sparkford

Somerset

Client Details:

Ms L Cottrell

Grontmij

Grove House

Mansion Gate Drive

Leeds

LS7 4DN

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	6
Hazardous Substances	-
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Introduction

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

In the attached datasheet the National Grid References (NGRs) are rounded to the nearest 10m in accordance with Landmark's agreements with a number of Data Suppliers.

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Report Version v50.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m (*up to 1000m)
Agency & Hydrological				
Contaminated Land Register Entries and Notices				
Discharge Consents	pg 1			3
Enforcement and Prohibition Notices				
Integrated Pollution Controls				
Integrated Pollution Prevention And Control				
Local Authority Integrated Pollution Prevention And Control				
Local Authority Pollution Prevention and Controls	pg 1			1
Local Authority Pollution Prevention and Control Enforcements				
Nearest Surface Water Feature	pg 1		Yes	
Pollution Incidents to Controlled Waters				
Prosecutions Relating to Authorised Processes				
Prosecutions Relating to Controlled Waters				
Registered Radioactive Substances				
River Quality				
River Quality Biology Sampling Points				
River Quality Chemistry Sampling Points				
Substantiated Pollution Incident Register				
Water Abstractions	pg 2		1	2
Water Industry Act Referrals				
Groundwater Vulnerability	pg 2	Yes	n/a	n/a
Bedrock Aquifer Designations	pg 2	Yes	n/a	n/a
Superficial Aquifer Designations	pg 2	Yes	n/a	n/a
Source Protection Zones				
Extreme Flooding from Rivers or Sea without Defences	pg 2	Yes		n/a
Flooding from Rivers or Sea without Defences	pg 3	Yes		n/a
Areas Benefiting from Flood Defences				n/a
Flood Water Storage Areas				n/a
Flood Defences				n/a
Detailed River Network Lines	pg 3	Yes	Yes	Yes
Detailed River Network Offline Drainage				

Data Type	Page Number	On Site	0 to 250m	251 to 500m (*up to 1000m)
Waste				
BGS Recorded Landfill Sites				
Historical Landfill Sites	pg 6			1
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Licensed Waste Management Facilities (Landfill Boundaries)				
Licensed Waste Management Facilities (Locations)				
Local Authority Recorded Landfill Sites				
Registered Landfill Sites				
Registered Waste Transfer Sites				
Registered Waste Treatment or Disposal Sites				
Hazardous Substances				
Control of Major Accident Hazards Sites (COMAH)				
Explosive Sites				
Notification of Installations Handling Hazardous Substances (NIHHS)				
Planning Hazardous Substance Consents				
Planning Hazardous Substance Enforcements				
Geological				
BGS 1:625,000 Solid Geology	pg 7	Yes	n/a	n/a
BGS Estimated Soil Chemistry	pg 7	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 8			4
BGS Urban Soil Chemistry				
BGS Urban Soil Chemistry Averages				
Brine Compensation Area			n/a	n/a
Coal Mining Affected Areas			n/a	n/a
Mining Instability			n/a	n/a
Man-Made Mining Cavities				
Natural Cavities				
Non Coal Mining Areas of Great Britain				n/a
Potential for Collapsible Ground Stability Hazards	pg 9	Yes		n/a
Potential for Compressible Ground Stability Hazards	pg 9	Yes		n/a
Potential for Ground Dissolution Stability Hazards				n/a
Potential for Landslide Ground Stability Hazards	pg 9	Yes	Yes	n/a
Potential for Running Sand Ground Stability Hazards	pg 10	Yes		n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 10	Yes		n/a
Radon Potential - Radon Affected Areas	pg 10	Yes	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a

Data Type	Page Number	On Site	0 to 250m	251 to 500m (*up to 1000m)
Industrial Land Use				
Contemporary Trade Directory Entries				
Fuel Station Entries	pg 11			1
Sensitive Land Use				
Areas of Adopted Green Belt				
Areas of Unadopted Green Belt				
Areas of Outstanding Natural Beauty				
Environmentally Sensitive Areas				
Forest Parks				
Local Nature Reserves				
Marine Nature Reserves				
National Nature Reserves				
National Parks				
Nitrate Sensitive Areas				
Nitrate Vulnerable Zones	pg 12	1		
Ramsar Sites				
Sites of Special Scientific Interest				
Special Areas of Conservation				
Special Protection Areas				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	Discharge Consents Operator: The Highways Agency Property Type: Domestic Property (Single) Location: Pepper Hill Cottage, Camel Hill, Queen Camel, Somerset, Ba22 7ph Authority: Environment Agency, South West Region Catchment Area: Yeo Reference: Npswqd000765 Permit Version: 1 Effective Date: 17th March 2008 Issued Date: 17th March 2008 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Ground Via Soakaway Status: Not Supplied Positional Accuracy: Located by supplier to within 10m	B7NW (SE)	275	2	358956 125630
2	Discharge Consents Operator: Little Chef Ltd Property Type: Domestic Property (Multiple) Location: The Little Chef A303, Sparkford, Wincanton, Somerset, Ba22 7ph Authority: Environment Agency, South West Region Catchment Area: Yeo Reference: 070199 Permit Version: 2 Effective Date: 17th December 2012 Issued Date: 17th December 2012 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Soakaway Status: Not Supplied Positional Accuracy: Located by supplier to within 10m	B7NE (SE)	328	2	359400 125630
2	Discharge Consents Operator: Little Chef Ltd Property Type: Domestic Property (Multiple) Location: The Little Chef A303, Sparkford, Wincanton, Somerset, Ba22 7ph Authority: Environment Agency, South West Region Catchment Area: Yeo Reference: 070199 Permit Version: 1 Effective Date: 1st June 1986 Issued Date: 23rd May 1986 Revocation Date: 16th December 2012 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Soakaway Status: Not Supplied Positional Accuracy: Located by supplier to within 100m	B7NE (SE)	328	2	359400 125630
3	Local Authority Pollution Prevention and Controls Name: Shell Uk Ltd Location: A303, Camel Hill, Queen Camel, YEOVIL, Somerset, BA22 7PH Authority: South Somerset District Council, Environmental Health Department Permit Reference: PPC/043 Dated: 1st February 1999 Process Type: Local Authority Pollution Prevention and Control Description: PG1/14 Petrol filling station Status: Permitted Positional Accuracy: Automatically positioned to the address	B7NW (SE)	316	3	359237 125559
	Nearest Surface Water Feature	B13SW (NW)	71	-	357802 126558

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	Water Abstractions Operator: J L Turner Licence Number: 16/52/002/G/242 Permit Version: 100 Location: Spring, Camel Hill Farm Authority: Environment Agency, South West Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st January 1970 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	B11SE (E)	119	2	359300 125900
5	Water Abstractions Operator: Mrs M C M Nuttall Licence Number: 16/52/008/G/094 Permit Version: 100 Location: Queen Camel Authority: Environment Agency, South West Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st January 1967 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	B9SE (SW)	366	2	358100 125900
5	Water Abstractions Operator: Mrs M C M Nuttall Licence Number: 165208G094 Permit Version: Not Supplied Location: Location Description Not Available Authority: Environment Agency, South West Region Abstraction: Unspecified Abstraction Type: Not Supplied Source: Borehole Daily Rate (m3): 11 Yearly Rate (m3): 4227 Details: Not Supplied Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	B9SE (SW)	366	2	358100 125900
	Groundwater Vulnerability Soil Classification: Soils of High Leaching Potential (H1) - Soils which readily transmit liquid discharges because they are either shallow, or susceptible to rapid by-pass flow directly to rock, gravel or groundwater Map Sheet: Sheet 43 East Somerset and South West Wiltshire Scale: 1:100,000	B13SE (NW)	0	2	358054 126457
	Groundwater Vulnerability Soil Classification: Soils of Intermediate Leaching Potential (I1) - Soils which can possibly transmit a wide range of pollutants Map Sheet: Sheet 43 East Somerset and South West Wiltshire Scale: 1:100,000	B10NW (W)	0	2	358579 126113
	Drift Deposits None				
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	B10NW (W)	0	4	358579 126113
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	B13SE (NW)	0	4	358224 126436
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	B13SE (NW)	0	2	358135 126665

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	B13SE (NW)	0	2	358135 126665
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
6	Detailed River Network Lines River Type: Extended Culvert (greater than 50m) River Name: Not Supplied Hydrographic Area: D002 River Flow Type: Primary Flow Path River Surface Level: Below Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	B9NW (W)	0	2	357640 126097
7	Detailed River Network Lines River Type: Secondary River River Name: Dyke Brook Hydrographic Area: D002 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	B13NE (NW)	83	2	358134 126775
8	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D002 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	B10NE (NE)	108	2	358693 126225
9	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D002 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	B11SW (E)	110	2	359215 125997
10	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D002 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	B11SW (E)	110	2	359215 125997

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
11	Detailed River Network Lines River Type: Secondary River River Name: Not Supplied Hydrographic Area: D002 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	B17SE (NW)	122	2	358092 127027
12	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D002 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	B11SE (E)	151	2	359335 125886
13	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D002 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	B11SE (E)	152	2	359335 125886
14	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D002 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	B11SE (E)	152	2	359349 125985
15	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D002 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	B9SW (W)	309	2	357816 125874
16	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D002 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	B15SW (NE)	314	2	359018 126372

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
17	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D002 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	B11NE (E)	353	2	359449 126118
18	Detailed River Network Lines River Type: Secondary River River Name: Dyke Brook Hydrographic Area: D002 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	B13NE (NW)	448	2	358150 126782
	Detailed River Network Offline Drainage None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
19	Historical Landfill Sites Licence Holder: L A Moore Limited Location: Queen Camel, Sparkford Name: Camel Hill Quarry Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD08575 First Input Date: 29th November 1989 Last Input Date: 5th June 1992 Specified Waste: Deposited Waste included Inert and Industrial Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 3300/0039 BGS Ref: Not Supplied Other Ref: WDL/320	B7NE (SE)	473	2	359567 125602
	Local Authority Landfill Coverage Name: South Somerset District Council - Data has been captured by Landmark Information Group		0	8	358579 126113
	Local Authority Landfill Coverage Name: Somerset County Council - Has no landfill data to supply		0	7	358579 126113

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Lias Group	B10NW (W)	0	4	358579 126113
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 30 - 45 mg/kg	B10NW (S)	0	4	358579 126000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 30 - 45 mg/kg	B11NW (E)	0	4	359000 126000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 30 - 45 mg/kg	B9NE (W)	0	4	358000 126305
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 30 - 45 mg/kg	B13SE (NW)	0	4	358225 126437
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 30 - 45 mg/kg	B10NW (W)	0	4	358579 126113
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 30 - 45 mg/kg	B9NE (W)	12	4	358000 126113

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	B11NW (E)	67	4	359000 126113
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	B13NW (NW)	209	4	357707 126934
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	B9NE (W)	211	4	358000 126000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	B7NW (SE)	320	4	359000 125504
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	B6NW (S)	389	4	358387 125596
20	BGS Recorded Mineral Sites Site Name: Camel Hill Farm Location: , Queen Camel, Wincanton, Somerset Source: British Geological Survey, National Geoscience Information Service Reference: 86550 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Triassic - Jurassic Geology: Langport Member, Blue Lias Formation And Charmouth Mudstone Formation (Undifferentiated) Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	B10SW (S)	286	4	358600 125732

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
21	BGS Recorded Mineral Sites Site Name: Ridge Location: , Queen Camel, Wincanton, Somerset Source: British Geological Survey, National Geoscience Information Service Reference: 25131 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Triassic Geology: Westbury Formation And Cotham Member (Undifferentiated) Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	B7NE (SE)	369	4	359350 125545
22	BGS Recorded Mineral Sites Site Name: Camel Hill Farm Location: , Queen Camel, Wincanton, Somerset Source: British Geological Survey, National Geoscience Information Service Reference: 86551 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Triassic - Jurassic Geology: Langport Member, Blue Lias Formation And Charmouth Mudstone Formation (Undifferentiated) Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	B6NE (S)	459	4	358661 125515
23	BGS Recorded Mineral Sites Site Name: Camel Hill Farm Location: , Queen Camel, Wincanton, Somerset Source: British Geological Survey, National Geoscience Information Service Reference: 86552 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Triassic Geology: Westbury Formation And Cotham Member (Undifferentiated) Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	B6NE (S)	499	4	358760 125442
	BGS Measured Urban Soil Chemistry No data available				
	BGS Urban Soil Chemistry Averages No data available				
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B13SE (NW)	0	4	358225 126437
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B10NW (W)	0	4	358579 126113
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	B13SE (NW)	0	4	358225 126437
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B10NW (W)	0	4	358579 126113
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B10NW (W)	0	4	358579 126113
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	B10NW (S)	0	4	358565 126012
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B10NW (W)	0	4	358579 126113

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Landslide Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	B10SW (S)	78	4	358567 125974
	Potential for Landslide Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	B10SE (S)	109	4	358648 125876
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	B14SW (NW)	230	4	358416 126454
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B10NW (W)	0	4	358579 126113
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	B13SE (NW)	0	4	358225 126437
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B10NW (W)	0	4	358579 126113
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	B10NW (W)	0	4	358579 126113
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	B10NE (E)	0	4	358924 126049
	Radon Potential - Radon Affected Areas Affected Area: The property is in a lower probability radon area, as less than 1% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	B10NW (W)	0	4	358579 126113
	Radon Potential - Radon Affected Areas Affected Area: The property is in an intermediate probability radon area, as between 1 and 3% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	B10NE (E)	0	4	358924 126049

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
24	Fuel Station Entries Name: Sparkford Service Station Location: Camel Hill, Queen Camel, Yeovil, Somerset, BA22 7PH Brand: SHELL Premises Type: Petrol Station Status: Open Positional Accuracy: Automatically positioned to the address	B7NW (SE)	316	-	359237 125559

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
25	Nitrate Vulnerable Zones Name: Not Supplied Description: Surface Water Source: Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	B10NW (W)	0	5	358579 126113

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices South Somerset District Council - Environmental Health Department	March 2015	Annual Rolling Update
Discharge Consents Environment Agency - South West Region	January 2016	Quarterly
Enforcement and Prohibition Notices Environment Agency - South West Region	March 2013	As notified
Integrated Pollution Controls Environment Agency - South West Region	October 2008	Not Applicable
Integrated Pollution Prevention And Control Environment Agency - South West Region	January 2016	Quarterly
Local Authority Integrated Pollution Prevention And Control South Somerset District Council - Environmental Health Department	October 2014	Annual Rolling Update
Local Authority Pollution Prevention and Controls South Somerset District Council - Environmental Health Department	October 2014	Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements South Somerset District Council - Environmental Health Department	October 2014	Annual Rolling Update
Nearest Surface Water Feature Ordnance Survey	July 2012	Quarterly
Pollution Incidents to Controlled Waters Environment Agency - South West Region	September 1999	Not Applicable
Prosecutions Relating to Authorised Processes Environment Agency - South West Region	March 2013	As notified
Prosecutions Relating to Controlled Waters Environment Agency - South West Region	March 2013	As notified
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	July 2012	Annually
River Quality Chemistry Sampling Points Environment Agency - Head Office	July 2012	Annually
Substantiated Pollution Incident Register Environment Agency - South West Region - North Wessex Area Environment Agency - South West Region - Wessex Area	January 2016 January 2016	Quarterly Quarterly
Water Abstractions Environment Agency - South West Region	January 2016	Quarterly
Water Industry Act Referrals Environment Agency - South West Region	January 2016	Quarterly
Groundwater Vulnerability Environment Agency - Head Office	April 2015	Not Applicable
Drift Deposits Environment Agency - Head Office	January 1999	Not Applicable
Bedrock Aquifer Designations British Geological Survey - National Geoscience Information Service	October 2012	As notified
Superficial Aquifer Designations British Geological Survey - National Geoscience Information Service	January 2015	As notified
Source Protection Zones Environment Agency - Head Office	October 2015	Quarterly
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	November 2015	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	November 2015	Quarterly

Agency & Hydrological	Version	Update Cycle
Areas Benefiting from Flood Defences Environment Agency - Head Office	November 2015	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	November 2015	Quarterly
Flood Defences Environment Agency - Head Office	November 2015	Quarterly
Detailed River Network Lines Environment Agency - Head Office	March 2012	Annually
Detailed River Network Offline Drainage Environment Agency - Head Office	March 2012	Annually
Surface Water 1 in 30 year Flood Extent Environment Agency - Head Office	October 2013	As notified
Surface Water 1 in 100 year Flood Extent Environment Agency - Head Office	October 2013	As notified
Surface Water 1 in 1000 year Flood Extent Environment Agency - Head Office	October 2013	As notified
Surface Water Suitability Environment Agency - Head Office	October 2013	As notified
Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Historical Landfill Sites Environment Agency - Head Office	November 2015	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - South West Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - South West Region - North Wessex Area Environment Agency - South West Region - Wessex Area	August 2014 August 2014	Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - South West Region - North Wessex Area Environment Agency - South West Region - Wessex Area	January 2016 January 2016	Quarterly Quarterly
Local Authority Landfill Coverage Somerset County Council - Environment Department South Somerset District Council - Environmental Health Department	May 2000 May 2000	Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Somerset County Council - Environment Department South Somerset District Council - Environmental Health Department	May 2000 May 2000	Not Applicable Not Applicable
Registered Landfill Sites Environment Agency - South West Region - North Wessex Area	March 2003	Not Applicable
Registered Waste Transfer Sites Environment Agency - South West Region - North Wessex Area	March 2003	Not Applicable
Registered Waste Treatment or Disposal Sites Environment Agency - South West Region - North Wessex Area	March 2003	Not Applicable

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	June 2015	Bi-Annually
Explosive Sites Health and Safety Executive	June 2015	Bi-Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements Somerset County Council - Environment Department South Somerset District Council - Planning	March 2015 September 2014	Annual Rolling Update Annual Rolling Update
Planning Hazardous Substance Consents Somerset County Council - Environment Department South Somerset District Council - Planning	March 2015 September 2014	Annual Rolling Update Annual Rolling Update
Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	January 2010	Annually
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	November 2015	Bi-Annually
Brine Compensation Area Cheshire Brine Subsidence Compensation Board	August 2011	Not Applicable
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	As notified
Mining Instability Ove Arup & Partners	October 2000	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	July 2014	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	As notified
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	As notified
Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	November 2015	Quarterly
Fuel Station Entries Catalist Ltd - Experian	November 2015	Quarterly

Sensitive Land Use	Version	Update Cycle
Areas of Outstanding Natural Beauty Natural England	October 2015	Bi-Annually
Environmentally Sensitive Areas Natural England	October 2015	Annually
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	October 2015	Bi-Annually
Marine Nature Reserves Natural England	October 2015	Bi-Annually
National Nature Reserves Natural England	October 2015	Bi-Annually
National Parks Natural England	August 2015	Bi-Annually
Nitrate Sensitive Areas Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	October 2015	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	October 2015	Annually
Ramsar Sites Natural England	October 2015	Bi-Annually
Sites of Special Scientific Interest Natural England	October 2015	Bi-Annually
Special Areas of Conservation Natural England	October 2015	Bi-Annually
Special Protection Areas Natural England	October 2015	Bi-Annually

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	
Scottish Environment Protection Agency	
The Coal Authority	
British Geological Survey	 British Geological Survey <small>NATURAL ENVIRONMENT RESEARCH COUNCIL</small>
Centre for Ecology and Hydrology	 Centre for Ecology & Hydrology <small>NATURAL ENVIRONMENT RESEARCH COUNCIL</small>
Natural Resources Wales	
Scottish Natural Heritage	
Natural England	
Public Health England	
Ove Arup	
Peter Brett Associates	

Contact	Name and Address	Contact Details
2	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	South Somerset District Council - Environmental Health Department Council Offices, Brympton Way, Yeovil, Somerset, BA20 2HT	Telephone: 01460 257445 Fax: 01935 412955 Website: www.southsomerset.gov.uk
4	British Geological Survey - Enquiry Service British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
5	Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Government Buildings, Otley Road, Lawnswood, Leeds, West Yorkshire, LS16 5QT	Telephone: 0113 2613333 Fax: 0113 230 0879
6	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
7	Somerset County Council - Environment Department County Hall, Taunton, Somerset, TA1 4DY	Telephone: 01823 355455 Fax: 01823 356113 Website: www.somerset.gov.uk
8	Landmark Information Group Limited Legal and Financial, Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9966 Fax: 0844 844 9980 Email: info@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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

Historical Mapping Legends

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

Quarry **Gravel Pit** **Sand Pit**
Clay Pit **Shingle** **Refuse Heap**
Sloping Masonry **Flat Rock**
Marsh **Reeds** **Osiers**
Rough Pasture **Furze** **Wood**
Mixed Wood **Brushwood** **Orchard**
Fir **Ford** **Stepping Stones**
Ferry **Waterfall** **Lock**
Trig. Station **Altitude at Trig. Station**
B.M. 325.9 **Bench Mark** **Surface Level**
Arrow denotes flow of water **Antiquities (site of)**
Cutting **Embankment**
Railway crossing Road **Level Crossing** **Road crossing Railway**
Railway crossing River or Canal **Road over single stream** **Road over River or Canal**
County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
County Borough Boundary (England)
County Burgh Boundary (Scotland)
Co. Boro. Bdy.
Co. Burgh Bdy.
BP BS Boundary Post or Stone **P.C.B** Police Call Box
B.R. Bridle Road **P** Pump
E.P Electricity Pylon **S.P** Signal Post
F.B. Foot Bridge **SL** Sluice
F.P. Foot Path **Sp.** Spring
G.P Guide Post or Board **T.C.B** Telephone Call Box
M.S Mile Stone **Tr.** Trough
M.P M.R Mooring Post or Ring **W** Well

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

Inactive Quarry, Chalk Pit or Clay Pit **Active Quarry, Chalk Pit or Clay Pit**
Rock **Boulders**
Cliff **Slopes** **Top**
Roofed Building **Glazed Roof Building**
Sloping Masonry **Archway**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Bench Mark** **Antiquity (site of)**
Cave Entrance **Triangulation Station** **Electricity Pylon**
Electricity Transmission Line
County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
London Borough Boundary
Symbol marking point where boundary mereing changes
BH Beer House **P** Pillar, Pole or Post
BP, BS Boundary Post or Stone **PO** Post Office
Cn, C Capstan, Crane **PC** Public Convenience
Chy Chimney **PH** Public House
D Fn Drinking Fountain **Pp** Pump
EI P Electricity Pillar or Post **SB, S Br** Signal Box or Bridge
FAP Fire Alarm Pillar **SP, SL** Signal Post or Light
FB Foot Bridge **Spr** Spring
GP Guide Post **Tk** Tank or Track
H Hydrant or Hydraulic **TCB** Telephone Call Box
LC Level Crossing **TCP** Telephone Call Post
MH Manhole **Tr** Trough
MP Mile Post or Mooring Post **Wr Pt, Wr T** Water Point, Water Tap
MS Mile Stone **W** Well
NTL Normal Tidal Limit **Wd Pp** Wind Pump

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

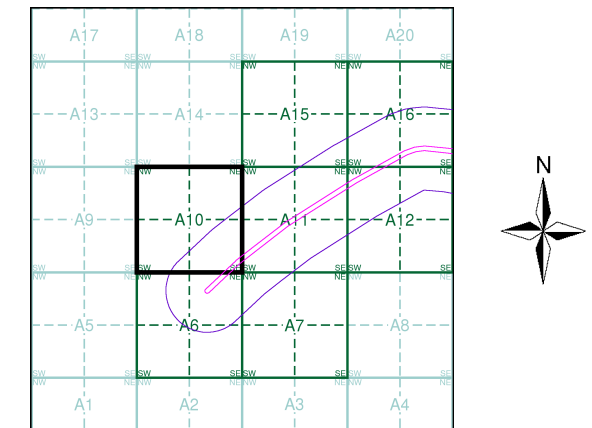
Cliff **Slopes** **Top**
Rock **Rock (scattered)**
Boulders **Boulders (scattered)**
Positioned Boulder **Scree**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Triangulation Station** **Antiquity (site of)**
Electricity Transmission Line **Electricity Pylon**
B.M. 231.60m Bench Mark **Buildings with Building Seed**
Roofed Building **Glazed Roof Building**
Civil parish/community boundary
District boundary
County boundary
Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)
Bks Barracks **P** Pillar, Pole or Post
Bty Battery **PO** Post Office
Cemy Cemetery **PC** Public Convenience
Chy Chimney **Pp** Pump
Cis Cistern **Ppg Sta** Pumping Station
Dismtd Rly Dismantled Railway **PW** Place of Worship
EI Gen Sta Electricity Generating Station **Sewage Ppg Sta** Sewage Pumping Station
EI P Electricity Pole, Pillar **SB, S Br** Signal Box or Bridge
EI Sub Sta Electricity Sub Station **SP, SL** Signal Post or Light
FB Filter Bed **Spr** Spring
Fn / D Fn Fountain / Drinking Ftn. **Tk** Tank or Track
Gas Gov Gas Valve Compound **Tr** Trough
GVC Gas Governor **Wd Pp** Wind Pump
GP Guide Post **Wr Pt, Wr T** Water Point, Water Tap
MH Manhole **Wks** Works (building or area)
MP, MS Mile Post or Mile Stone **W** Well

Grontmij

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Somerset	1:2,500	1887	2
Somerset	1:2,500	1903	3
Ordnance Survey Plan	1:2,500	1975	4
Additional SIMs	1:2,500	1979	5
Large-Scale National Grid Data	1:2,500	1995	6
Large-Scale National Grid Data	1:2,500	1996	7

Historical Map - Segment A10



Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 356600, 125990
 Slice: A
 Site Area (Ha): 10.71
 Search Buffer (m): 250

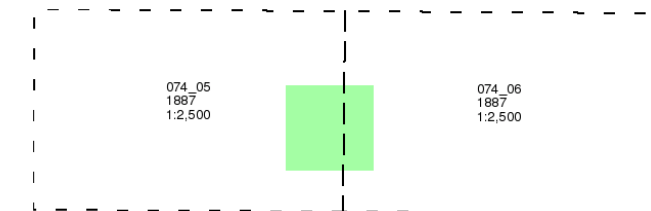
Site Details

Site at, Sparkford, Somerset

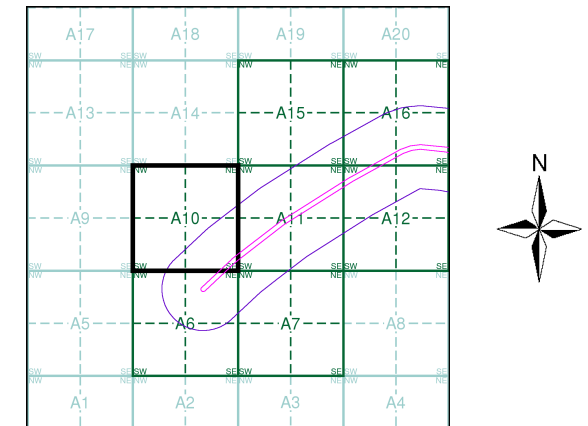
Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk

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

Map Name(s) and Date(s)



Historical Map - Segment A10

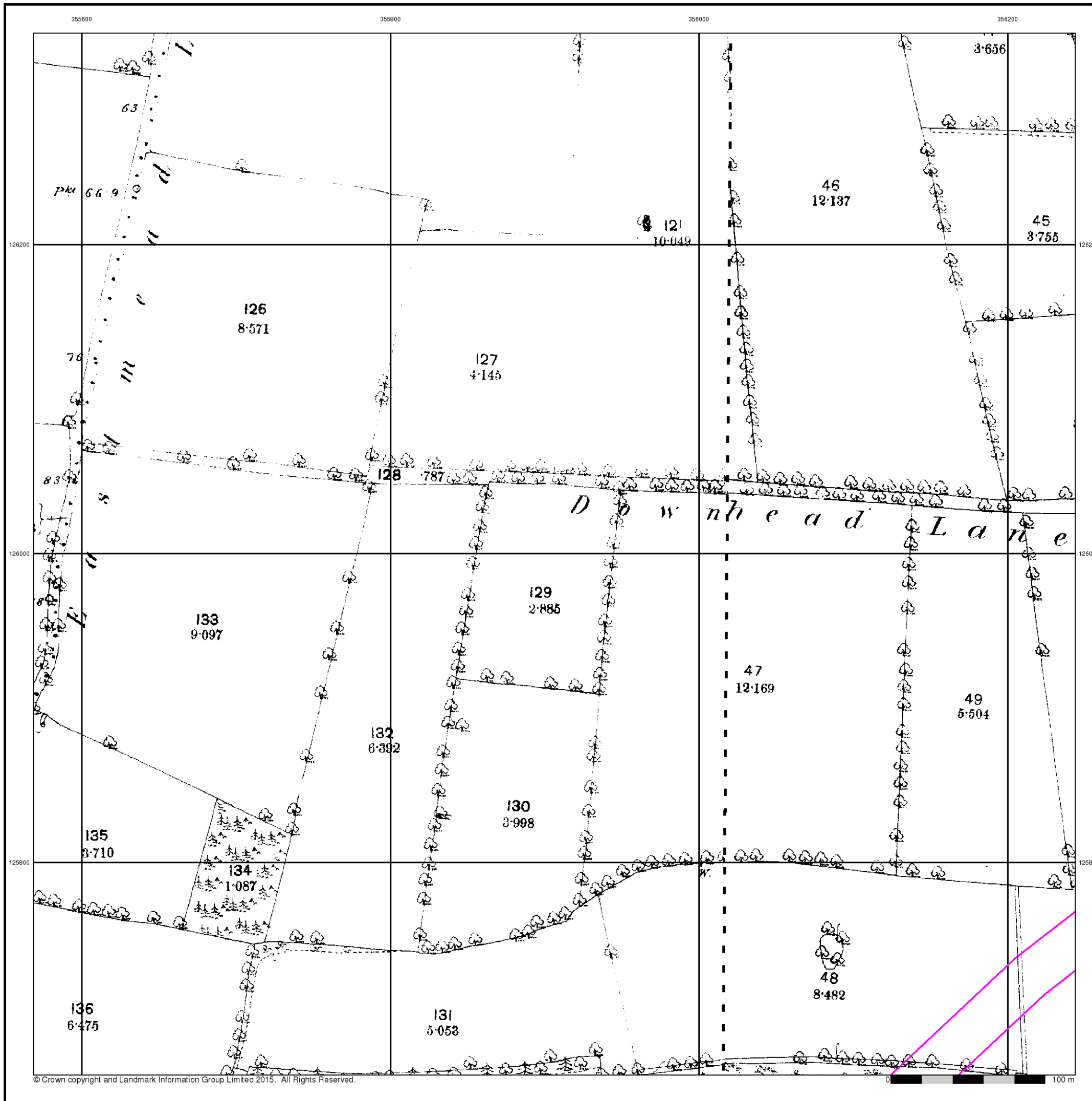


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 356600, 125990
 Slice: A
 Site Area (Ha): 10.71
 Search Buffer (m): 250

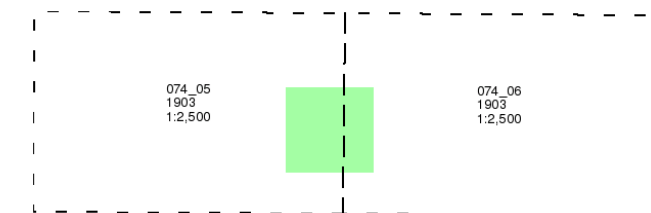
Site Details

Site at, Sparkford, Somerset

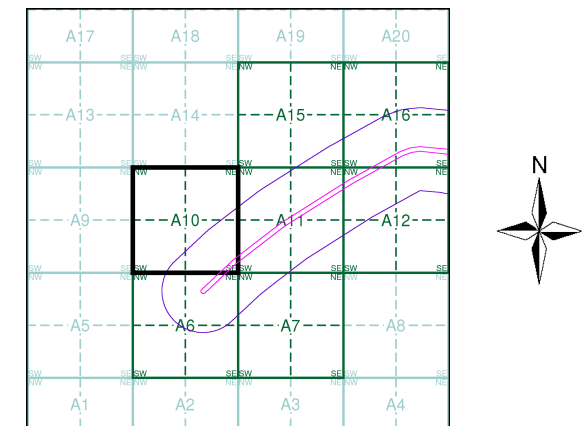


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain.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

Map Name(s) and Date(s)



Historical Map - Segment A10

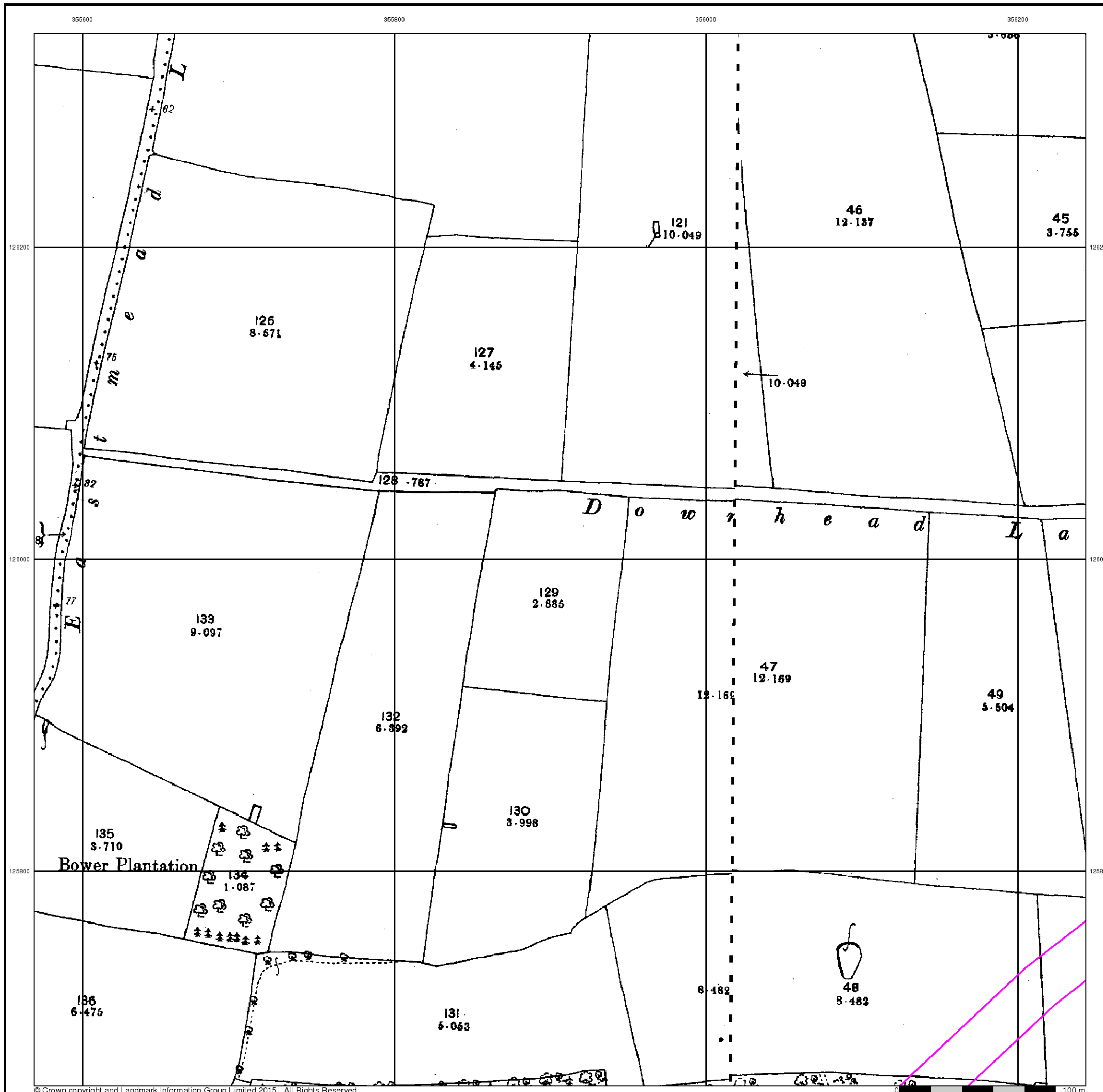


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 356600, 125990
 Slice: A
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset



Ordnance Survey Plan

Published 1975

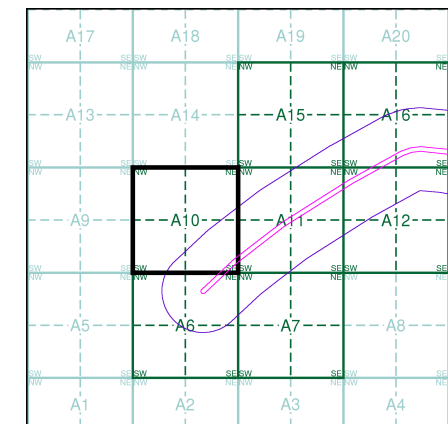
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

ST5526 1975 12,500	ST5626 1975 12,500
ST5525 1975 12,500	ST5625 1975 12,500

Historical Map - Segment A10

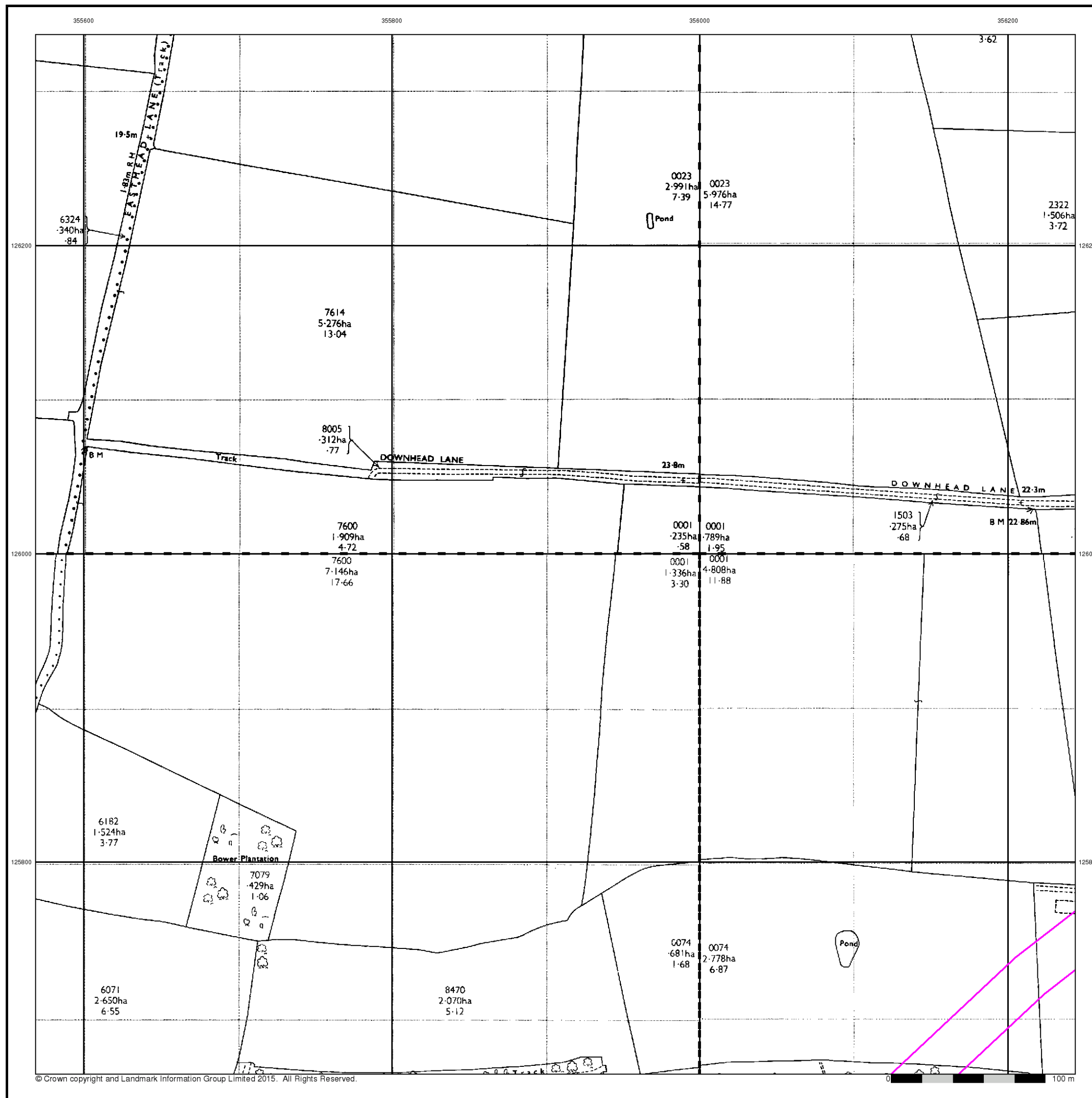


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 356600, 125990
 Slice: A
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset



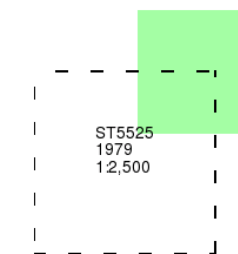
Additional SIMs

Published 1979

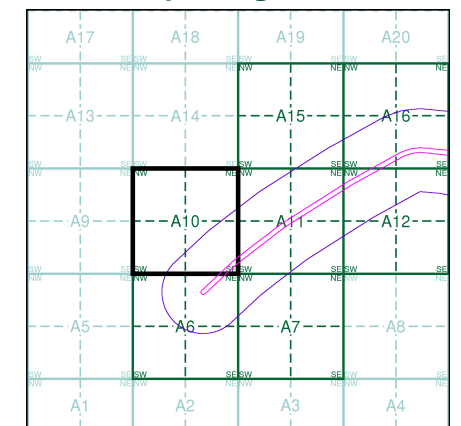
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A10

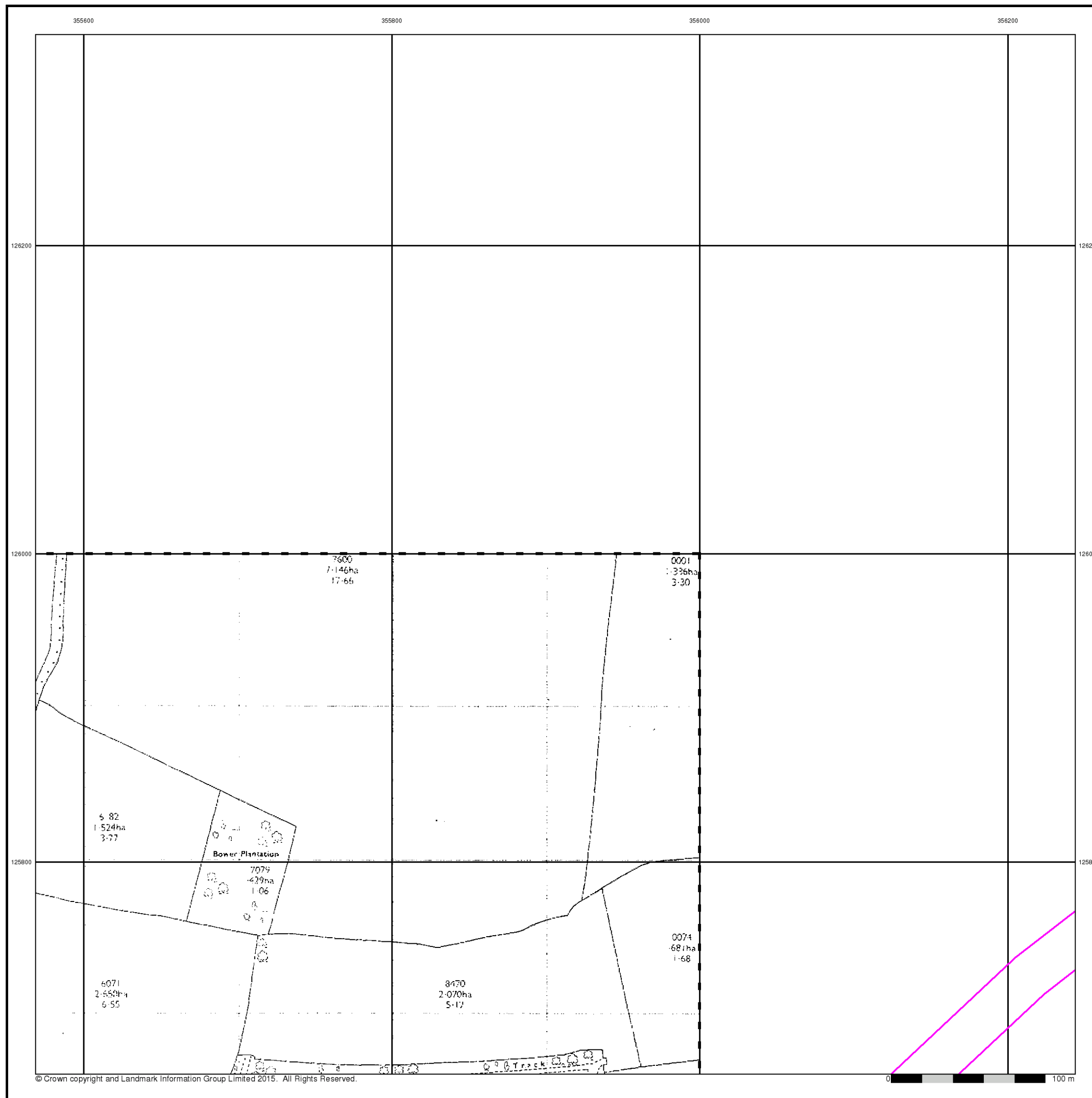


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 356600, 125990
 Slice: A
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset

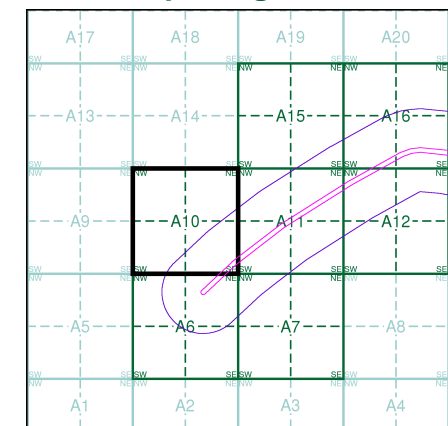


'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic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

Map Name(s) and Date(s)

ST5526	1995	12,500	ST5626	1995	12,500
ST5525	1995	12,500	ST5625	1995	12,500

Historical Map - Segment A10

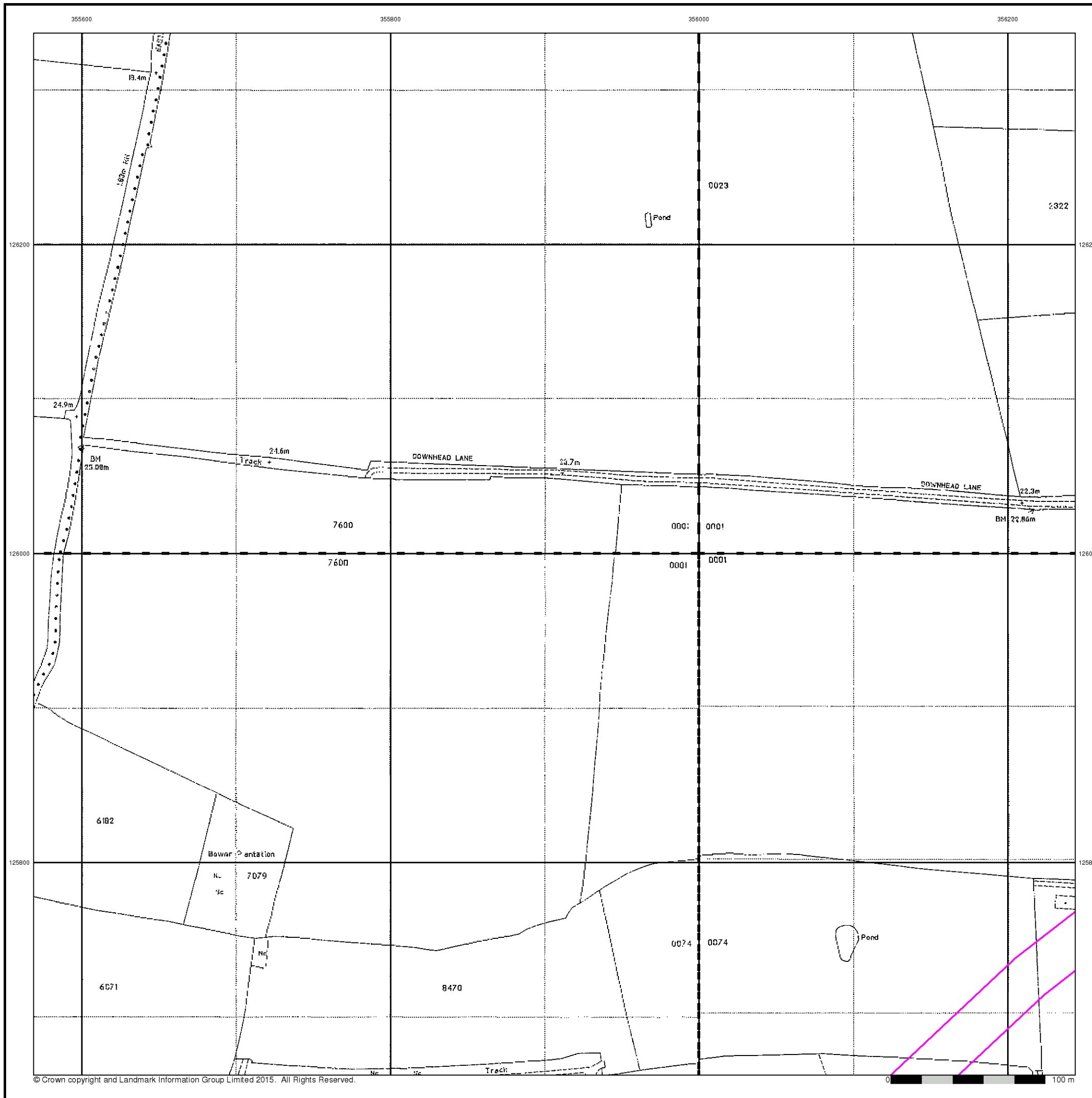


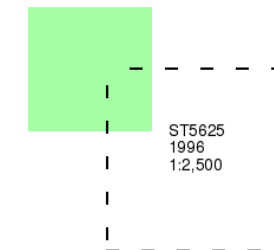
Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 356600, 125990
 Slice: A
 Site Area (Ha): 10.71
 Search Buffer (m): 250

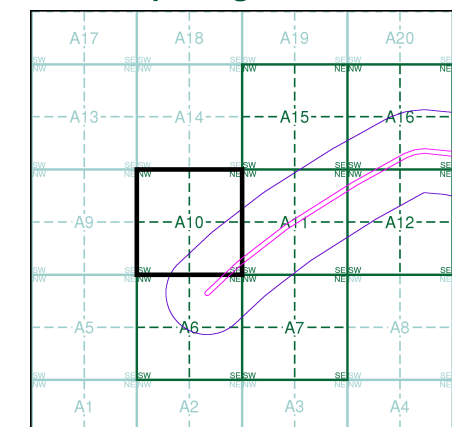
Site Details

Site at, Sparkford, Somerset





Historical Map - Segment A10

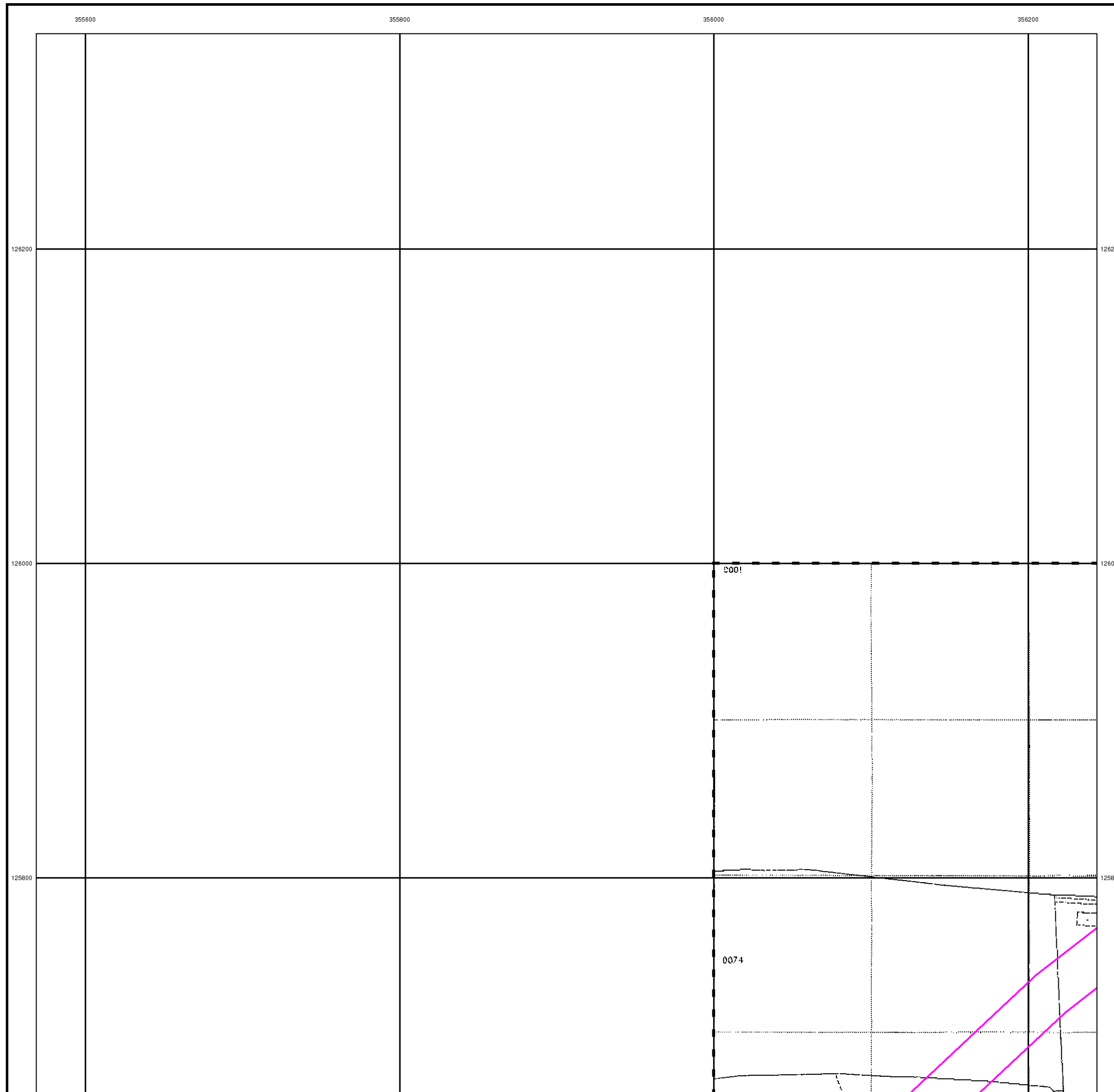


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 356600, 125990
 Slice: A
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset



Historical Mapping Legends

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

Quarry **Gravel Pit** **Sand Pit**
Clay Pit **Shingle** **Refuse Heap**
Sloping Masonry **Flat Rock**
Marsh **Reeds** **Osiers**
Rough Pasture **Furze** **Wood**
Mixed Wood **Brushwood** **Orchard**
Fir **Ford** **Stepping Stones**
Ferry **Waterfall** **Lock**
Trig. Station **Altitude at Trig. Station**
B.M. 325.9 **Bench Mark** **Surface Level**
Arrow denotes flow of water **Antiquities (site of)**
Cutting **Embankment**
Railway crossing Road **Level Crossing** **Road crossing Railway**
Railway crossing River or Canal **Road over single stream** **Road over River or Canal**
County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
County Borough Boundary (England)
County Burgh Boundary (Scotland)
Co. Boro. Bdy.
Co. Burgh Bdy.
BP BS Boundary Post or Stone **P.C.B** Police Call Box
B.R. Bridle Road **P** Pump
E.P Electricity Pylon **S.P** Signal Post
F.B. Foot Bridge **SL** Sluice
F.P. Foot Path **Sp.** Spring
G.P Guide Post or Board **T.C.B** Telephone Call Box
M.S Mile Stone **Tr.** Trough
M.P M.R Mooring Post or Ring **W** Well

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

Inactive Quarry, Chalk Pit or Clay Pit **Active Quarry, Chalk Pit or Clay Pit**
Rock **Boulders**
Cliff **Slopes** **Top**
Roofed Building **Glazed Roof Building**
Sloping Masonry **Archway**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Bench Mark** **Antiquity (site of)**
Cave Entrance **Triangulation Station** **Electricity Pylon**
Electricity Transmission Line
County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
London Borough Boundary
Symbol marking point where boundary mereing changes
BH Beer House **P** Pillar, Pole or Post
BP, BS Boundary Post or Stone **PO** Post Office
Cn, C Capstan, Crane **PC** Public Convenience
Chy Chimney **PH** Public House
D Fn Drinking Fountain **Pp** Pump
EI P Electricity Pillar or Post **SB, S Br** Signal Box or Bridge
FAP Fire Alarm Pillar **SP, SL** Signal Post or Light
FB Foot Bridge **Spr** Spring
GP Guide Post **Tk** Tank or Track
H Hydrant or Hydraulic **TCB** Telephone Call Box
LC Level Crossing **TCP** Telephone Call Post
MH Manhole **Tr** Trough
MP Mile Post or Mooring Post **Wr Pt, Wr T** Water Point, Water Tap
MS Mile Stone **W** Well
NTL Normal Tidal Limit **Wd Pp** Wind Pump

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

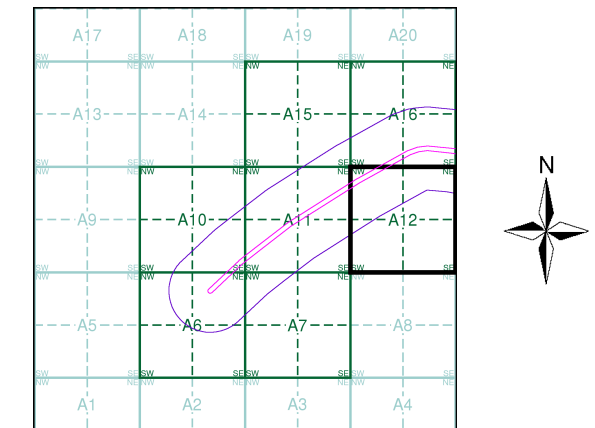
Cliff **Slopes** **Top**
Rock **Rock (scattered)**
Boulders **Boulders (scattered)**
Positioned Boulder **Scree**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Triangulation Station** **Antiquity (site of)**
Electricity Transmission Line **Electricity Pylon**
B.M. 231.60m Bench Mark **Buildings with Building Seed**
Roofed Building **Glazed Roof Building**
Civil parish/community boundary
District boundary
County boundary
Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)
Bks Barracks **P** Pillar, Pole or Post
Bty Battery **PO** Post Office
Cemy Cemetery **PC** Public Convenience
Chy Chimney **Pp** Pump
Cis Cistern **Ppg Sta** Pumping Station
Dismtd Rly Dismantled Railway **PW** Place of Worship
EI Gen Sta Electricity Generating Station **Sewage Ppg Sta** Sewage Pumping Station
EI P Electricity Pole, Pillar **SB, S Br** Signal Box or Bridge
EI Sub Sta Electricity Sub Station **SP, SL** Signal Post or Light
FB Filter Bed **Spr** Spring
Fn / D Fn Fountain / Drinking Ftn. **Tk** Tank or Track
Gas Gov Gas Valve Compound **Tr** Trough
GVC Gas Governor **Wd Pp** Wind Pump
GP Guide Post **Wr Pt, Wr T** Water Point, Water Tap
MH Manhole **Wks** Works (building or area)
MP, MS Mile Post or Mile Stone **W** Well

Grontmij

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Somerset	1:2,500	1887	2
Somerset	1:2,500	1903	3
Ordnance Survey Plan	1:2,500	1975	4
Large-Scale National Grid Data	1:2,500	1995	5
Large-Scale National Grid Data	1:2,500	1996	6

Historical Map - Segment A12



Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 356600, 125990
 Slice: A
 Site Area (Ha): 10.71
 Search Buffer (m): 250

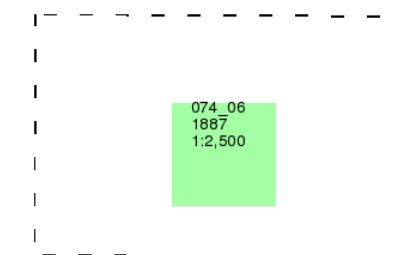
Site Details

Site at, Sparkford, Somerset

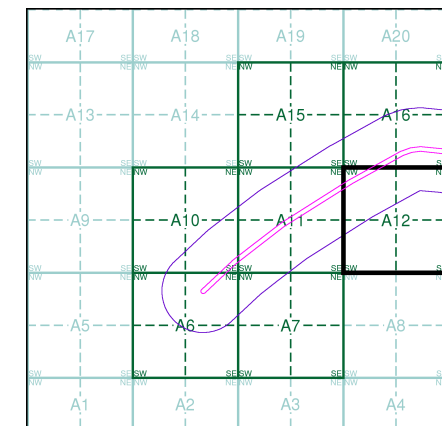
Landmark
 Information Group
 Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk

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

Map Name(s) and Date(s)



Historical Map - Segment A12

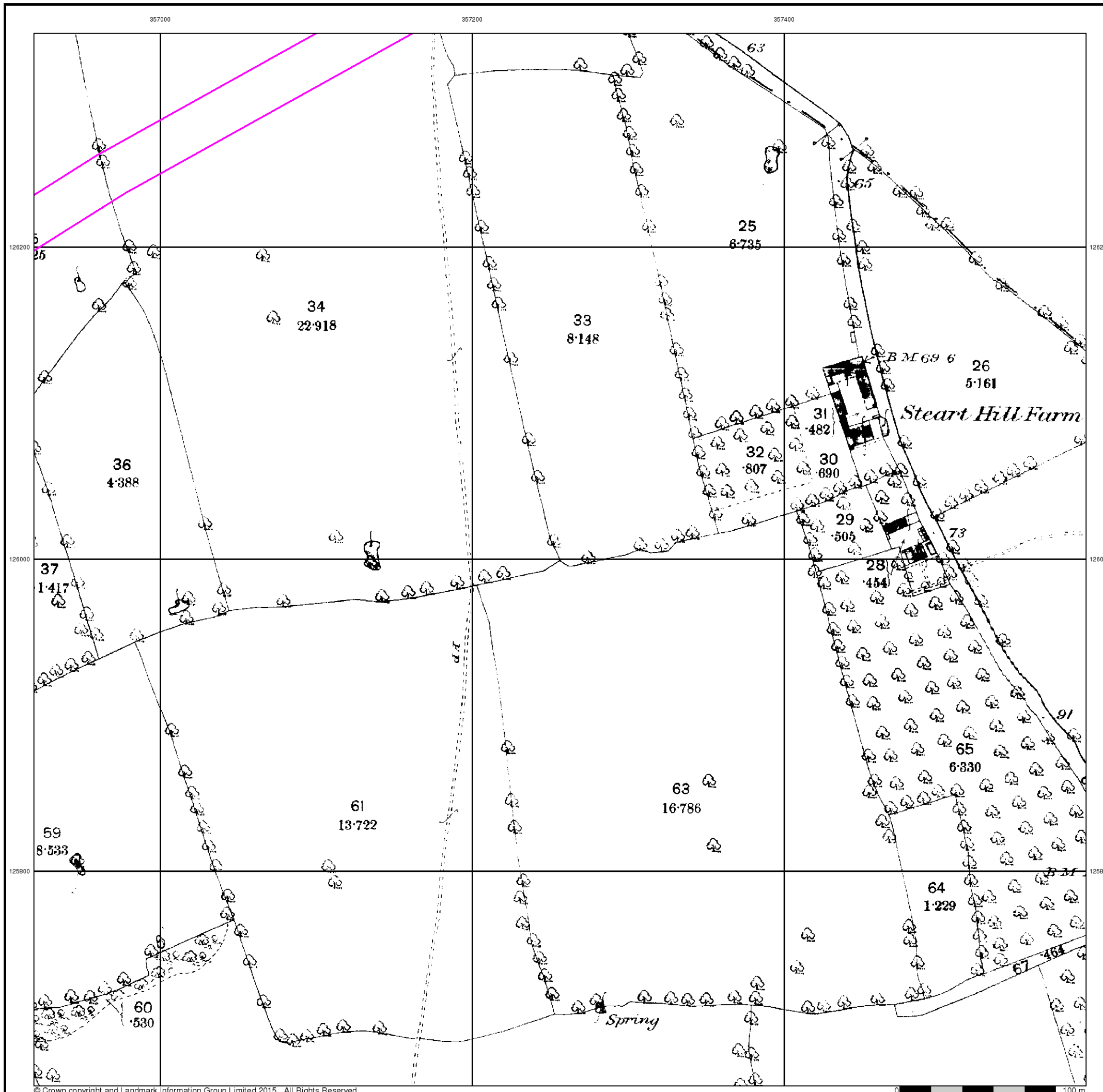


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 356600, 125990
 Slice: A
 Site Area (Ha): 10.71
 Search Buffer (m): 250

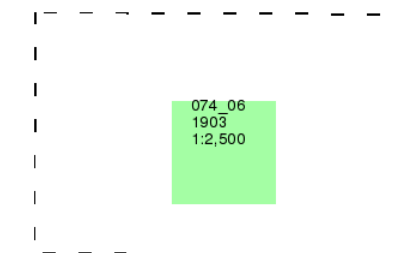
Site Details

Site at, Sparkford, Somerset

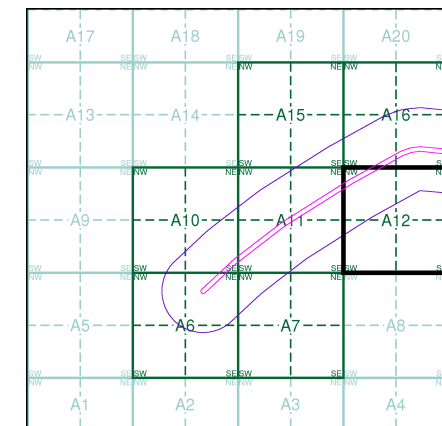


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain.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

Map Name(s) and Date(s)



Historical Map - Segment A12

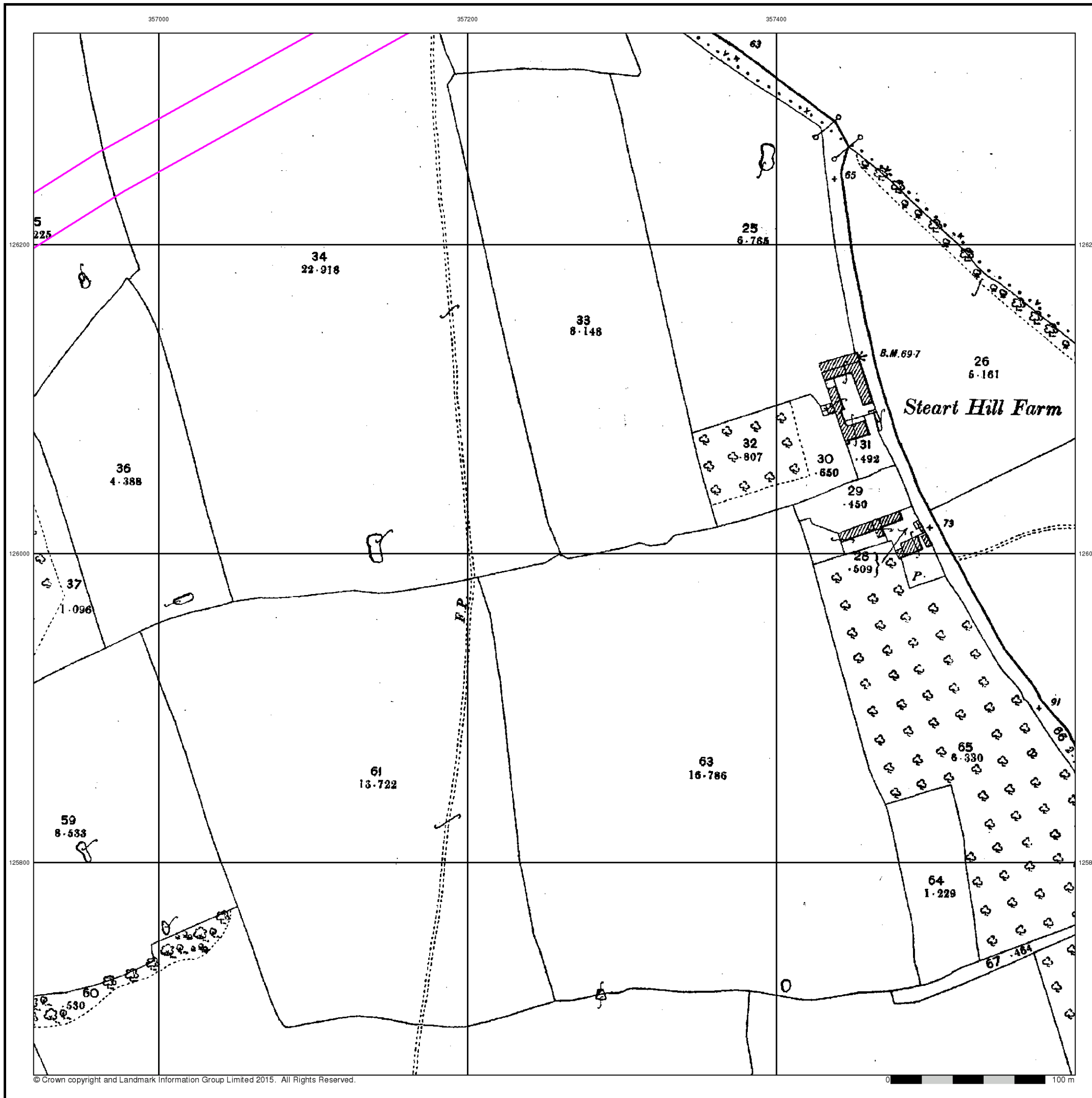


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 356600, 125990
 Slice: A
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset



Ordnance Survey Plan

Published 1975

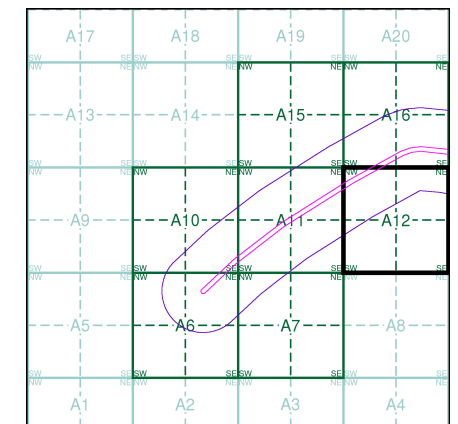
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

ST5626 1975 12,500	ST5726 1975 12,500
ST5625 1975 12,500	ST5725 1975 12,500

Historical Map - Segment A12

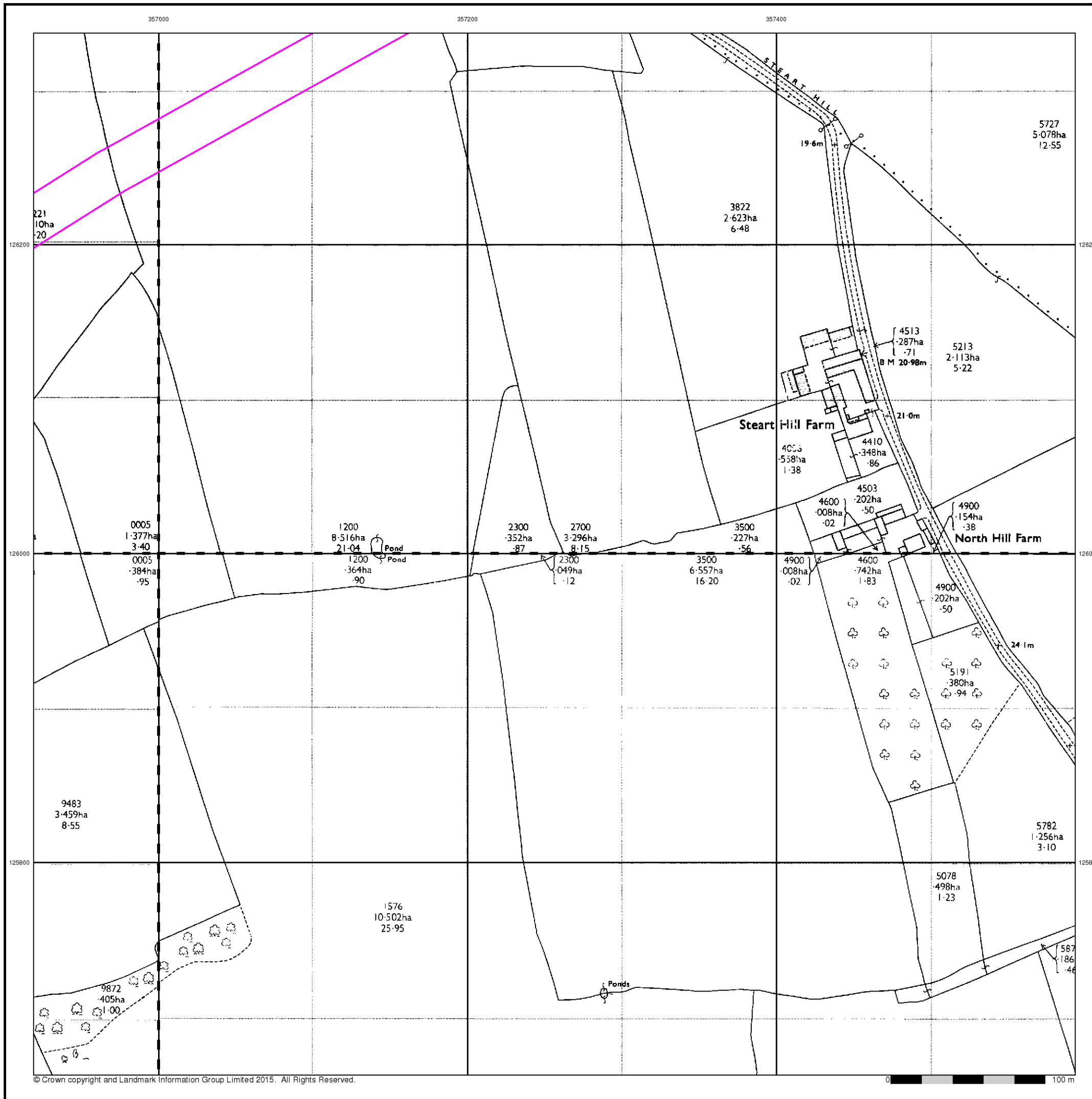


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 356600, 125990
 Slice: A
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset

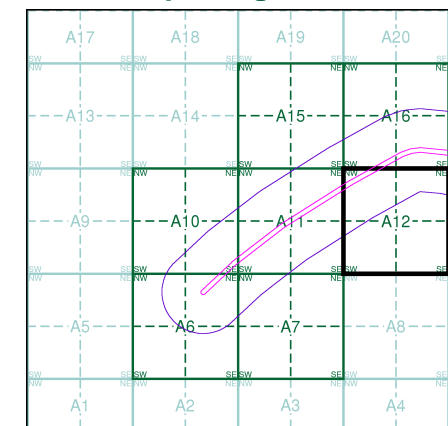


'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic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

Map Name(s) and Date(s)

ST5626 1995 1:2,500	ST5726 1995 1:2,500
ST5625 1995 1:2,500	ST5725 1995 1:2,500

Historical Map - Segment A12

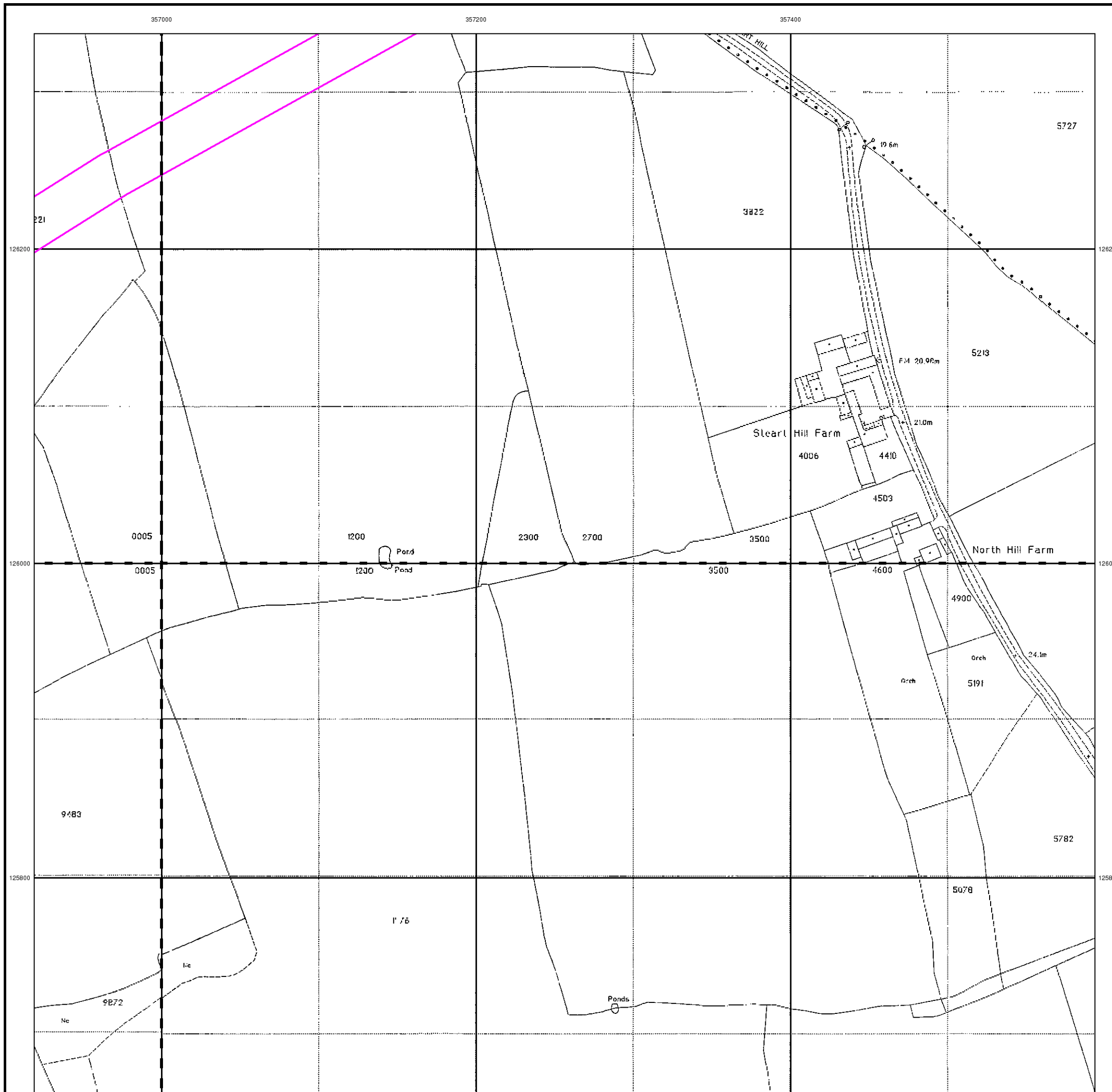


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 356600, 125990
 Slice: A
 Site Area (Ha): 10.71
 Search Buffer (m): 250

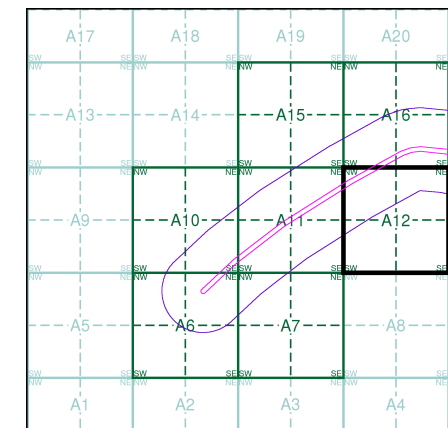
Site Details

Site at, Sparkford, Somerset



ST5726	1996	12,500
ST5625	1996	12,500
ST5725	1996	12,500

Historical Map - Segment A12

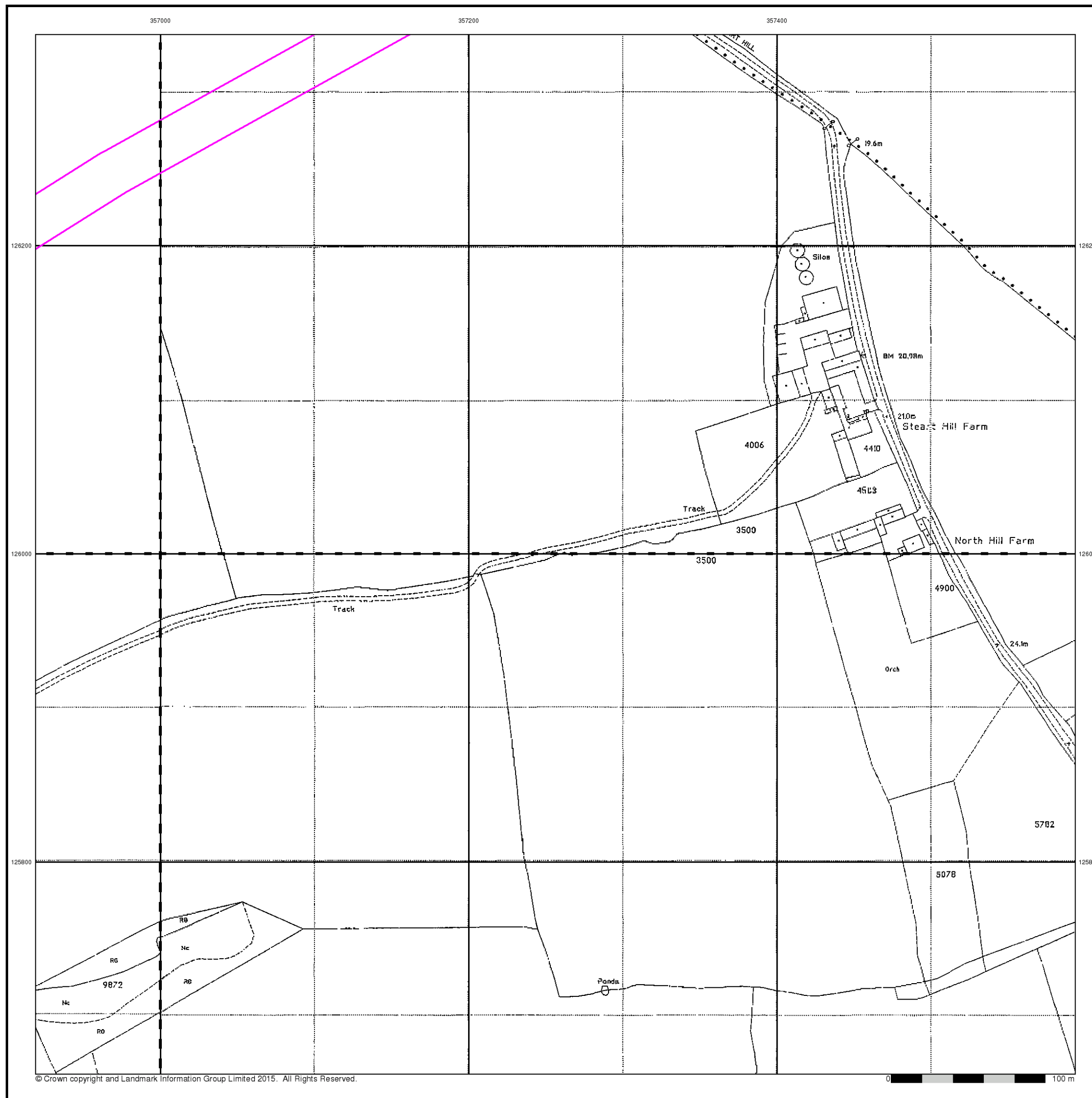


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 356600, 125990
 Slice: A
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset



Historical Mapping Legends

Ordnance Survey County Series 1:10,560

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

Ordnance Survey Plan 1:10,000

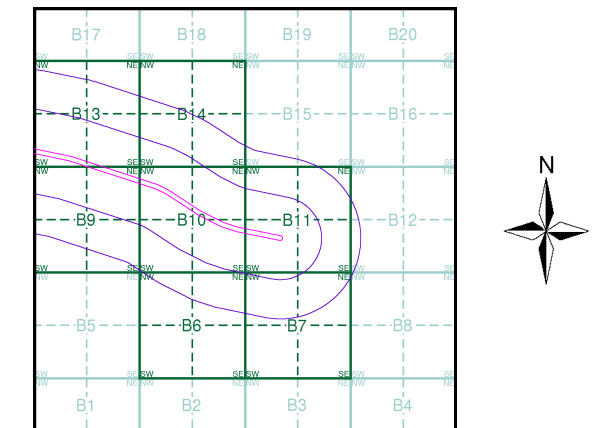
- Chalk Pit, Clay Pit or Quarry
- Gravel Pit
- Sand Pit
- Disused Pit or Quarry
- Refuse or Slag Heap
- Lake, Loch or Pond
- Dunes
- Boulders
- Coniferous Trees
- Non-Coniferous Trees
- Orchard
- Scrub
- Coppice
- Bracken
- Heath
- Rough Grassland
- Marsh
- Reeds
- Saltings
- Building
- Glasshouse
- Sloping Masonry
- Pylon
- Electricity Transmission Line
- Pole
- Cutting
- Embankment
- Standard Gauge Multiple Track
- Standard Gauge Single Track
- Siding, Tramway or Mineral Line
- Narrow Gauge
- Geographical County
- Administrative County, County Borough or County of City
- Municipal Borough, Urban or Rural District, Burgh or District Council
- Borough, Burgh or County Constituency
- Civil Parish
- BP, BS Boundary Post or Stone
- Ch Church
- CH Club House
- F E Sta Fire Engine Station
- FB Foot Bridge
- Fn Fountain
- GP Guide Post
- MP Mile Post
- MS Mile Stone
- Pol Sta Police Station
- PO Post Office
- PC Public Convenience
- PH Public House
- SB Signal Box
- Spr Spring
- TCB Telephone Call Box
- TCP Telephone Call Post
- W Well

1:10,000 Raster Mapping

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

Mapping Type	Scale	Date	Pg
Somerset	1:10,560	1886	2
Somerset	1:10,560	1904	3
Dorset	1:10,560	1904	4
Ordnance Survey Plan	1:10,000	1962	5
Ordnance Survey Plan	1:10,000	1982 - 1984	6
Ordnance Survey Plan	1:10,000	1991	7
10K Raster Mapping	1:10,000	2006	8
VectorMap Local	1:10,000	2015	9

Historical Map - Slice B



Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 500

Site Details

Site at, Sparkford, Somerset

Somerset

Published 1886

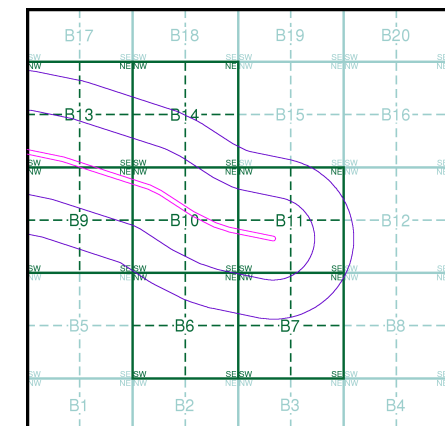
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

074NW 1886 1:10,560	074NE 1886 1:10,560
074SW 1886 1:10,560	074SE 1886 1:10,560

Historical Map - Slice B

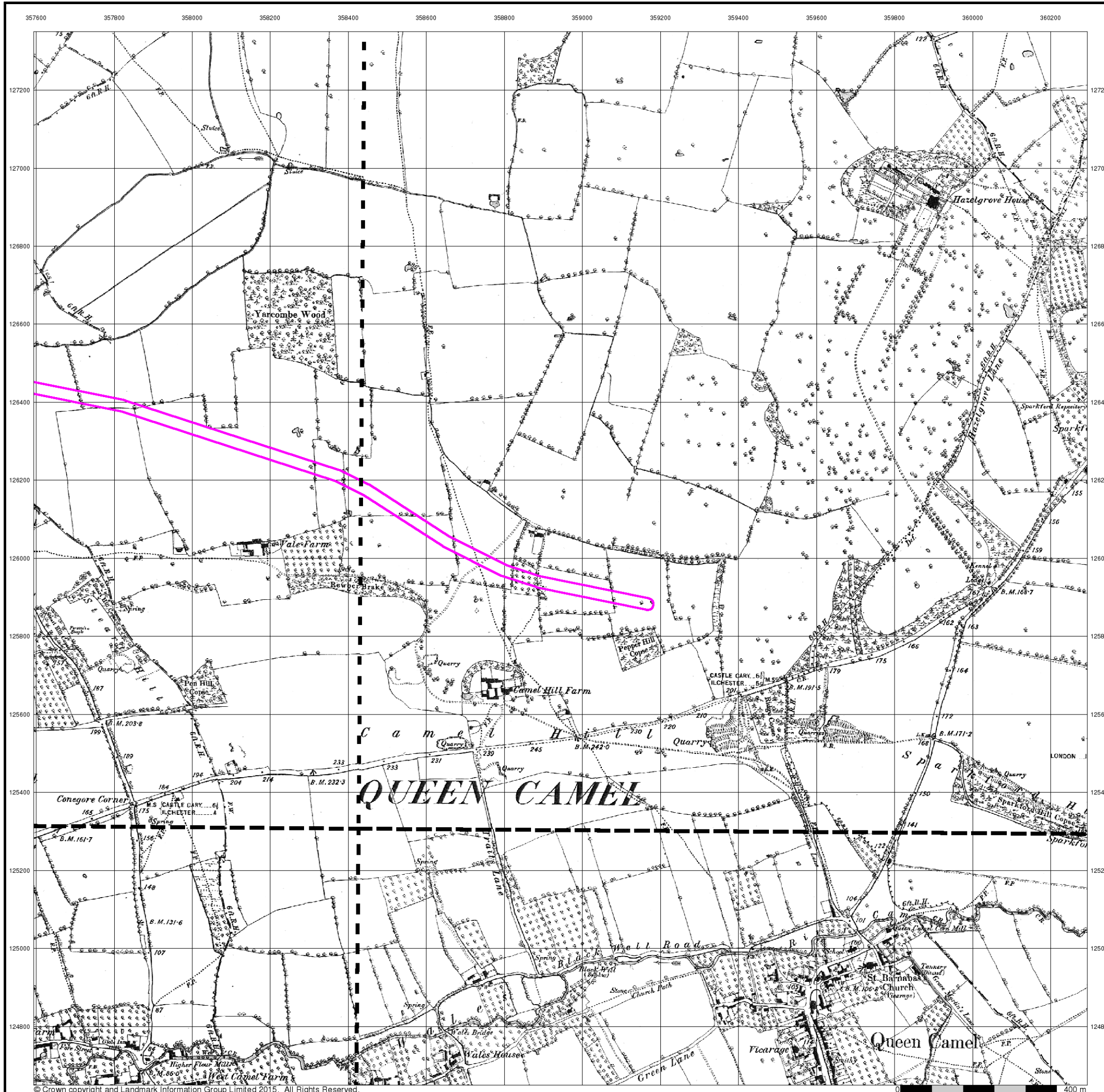


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 500

Site Details

Site at, Sparkford, Somerset



Somerset

Published 1904

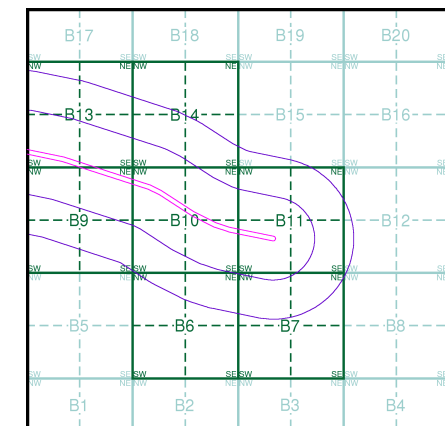
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

074NW 1904 1:10,560	074NE 1904 1:10,560
074SW 1904 1:10,560	

Historical Map - Slice B

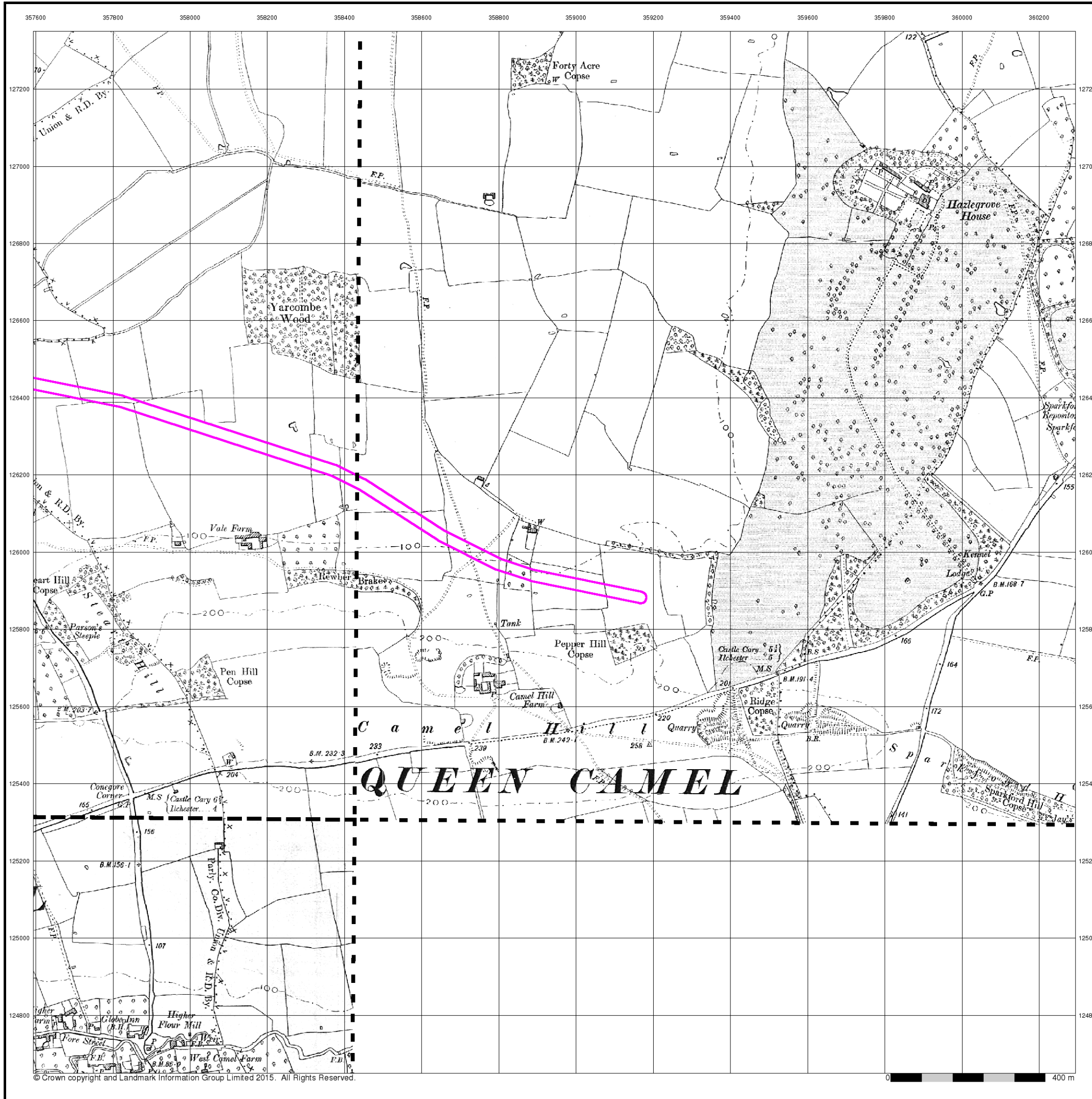


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 500

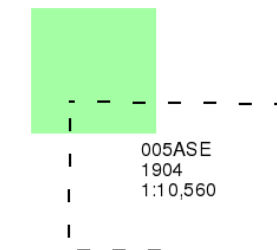
Site Details

Site at, Sparkford, Somerset

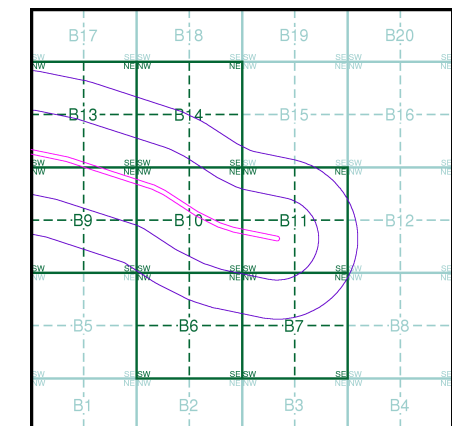


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some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

Map Name(s) and Date(s)



Historical Map - Slice B

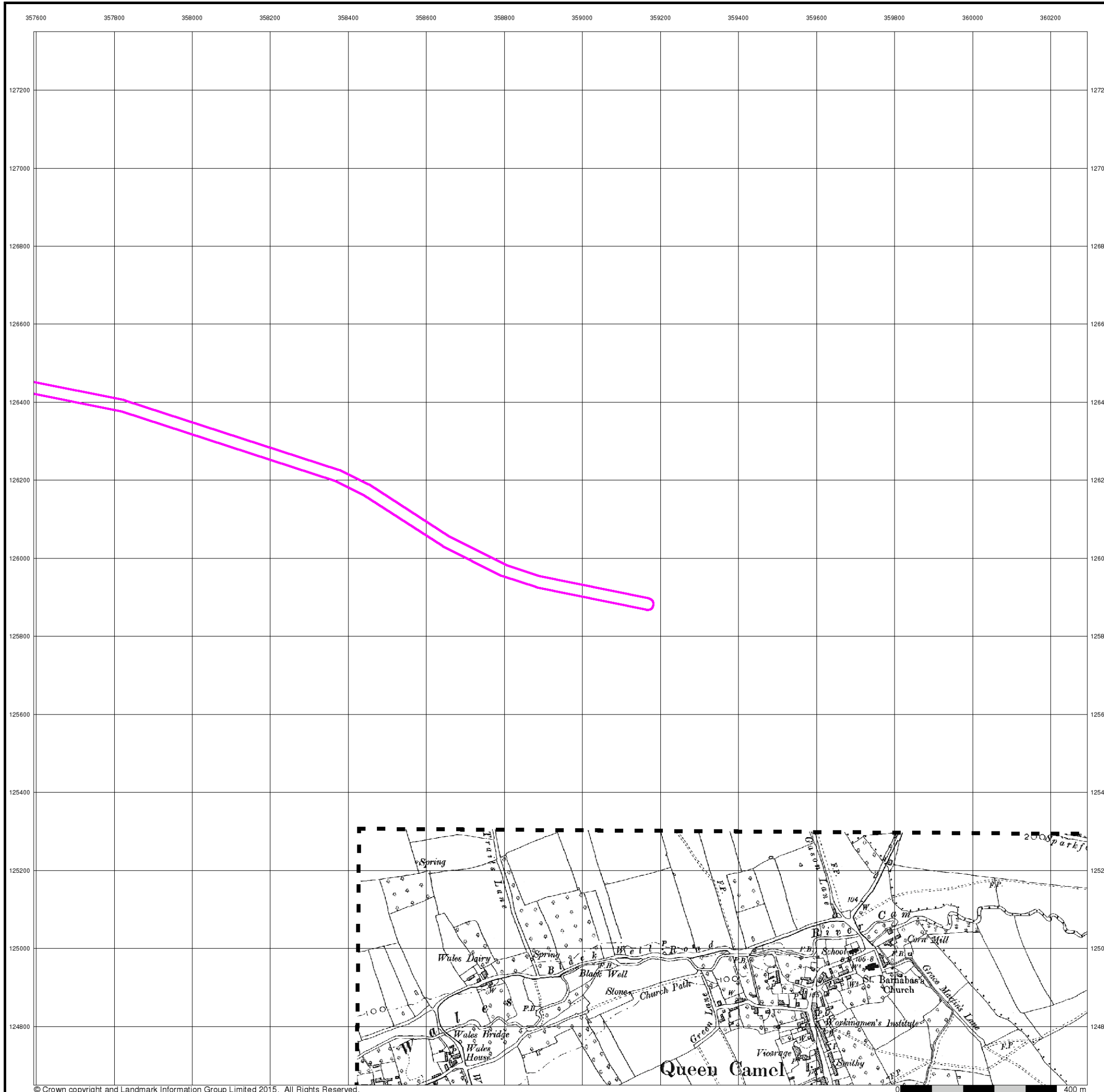


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 500

Site Details

Site at, Sparkford, Somerset

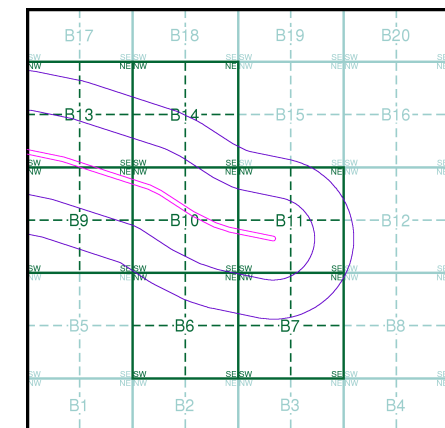


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some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

Map Name(s) and Date(s)

ST52NE	ST62NW
1962	1962
1:10,560	1:10,560
ST52SE	ST62SW
1962	1962
1:10,560	1:10,560

Historical Map - Slice B

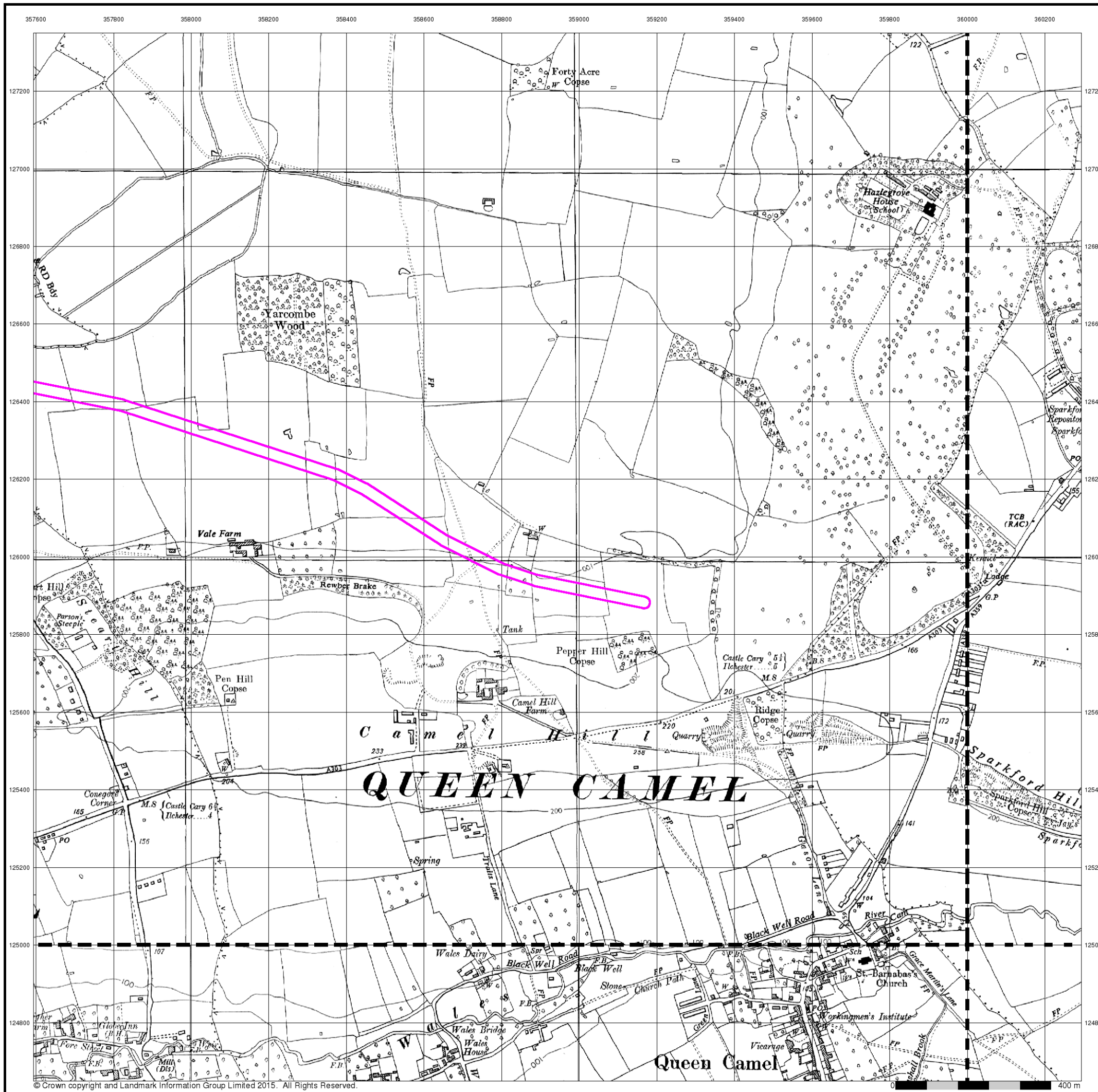


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 500

Site Details

Site at, Sparkford, Somerset



Ordnance Survey Plan

Published 1982 - 1984

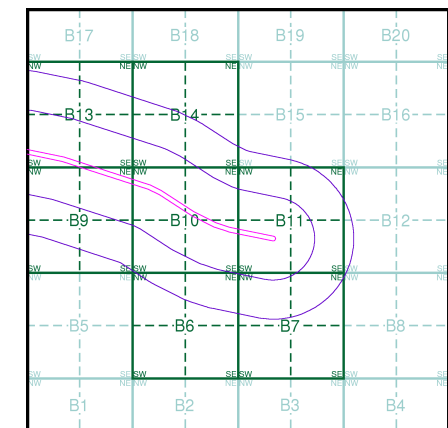
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

ST52NE 1982 1:10,000	ST62NW 1984 1:10,000
ST52SE 1982 1:10,000	ST62SW 1983 1:10,000

Historical Map - Slice B

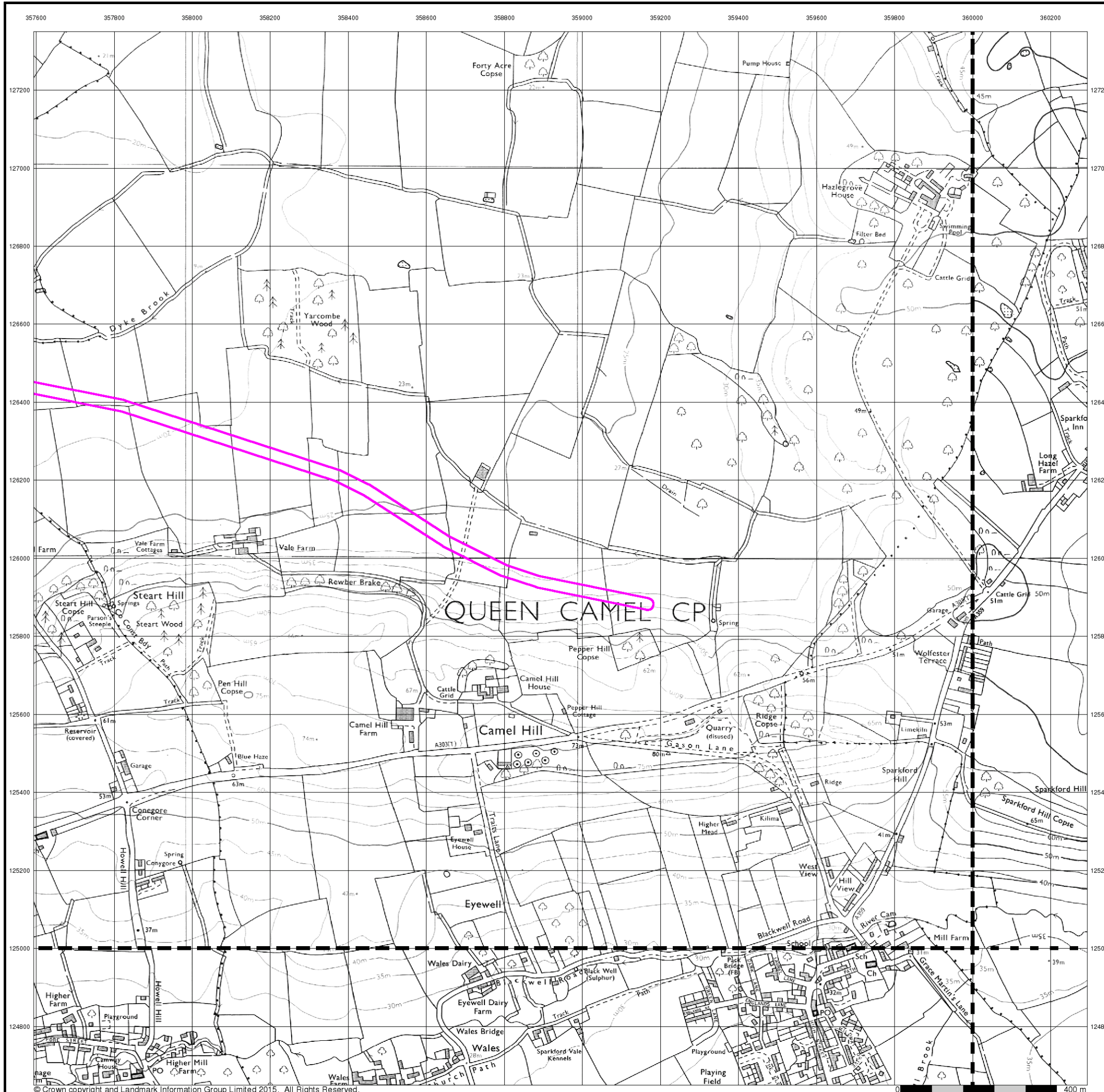


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 500

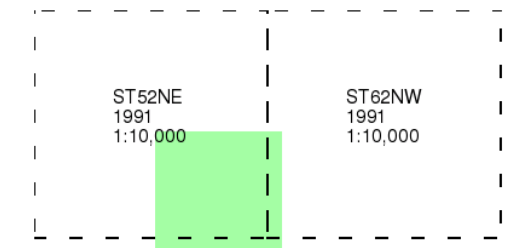
Site Details

Site at, Sparkford, Somerset

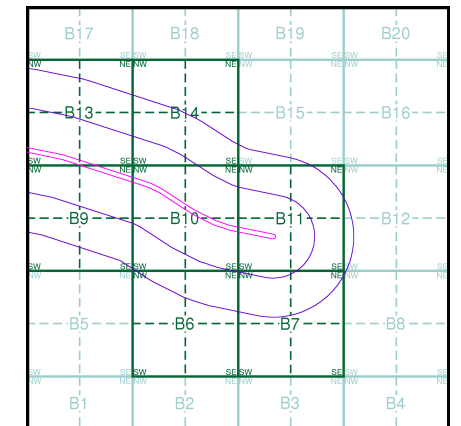


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some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

Map Name(s) and Date(s)



Historical Map - Slice B

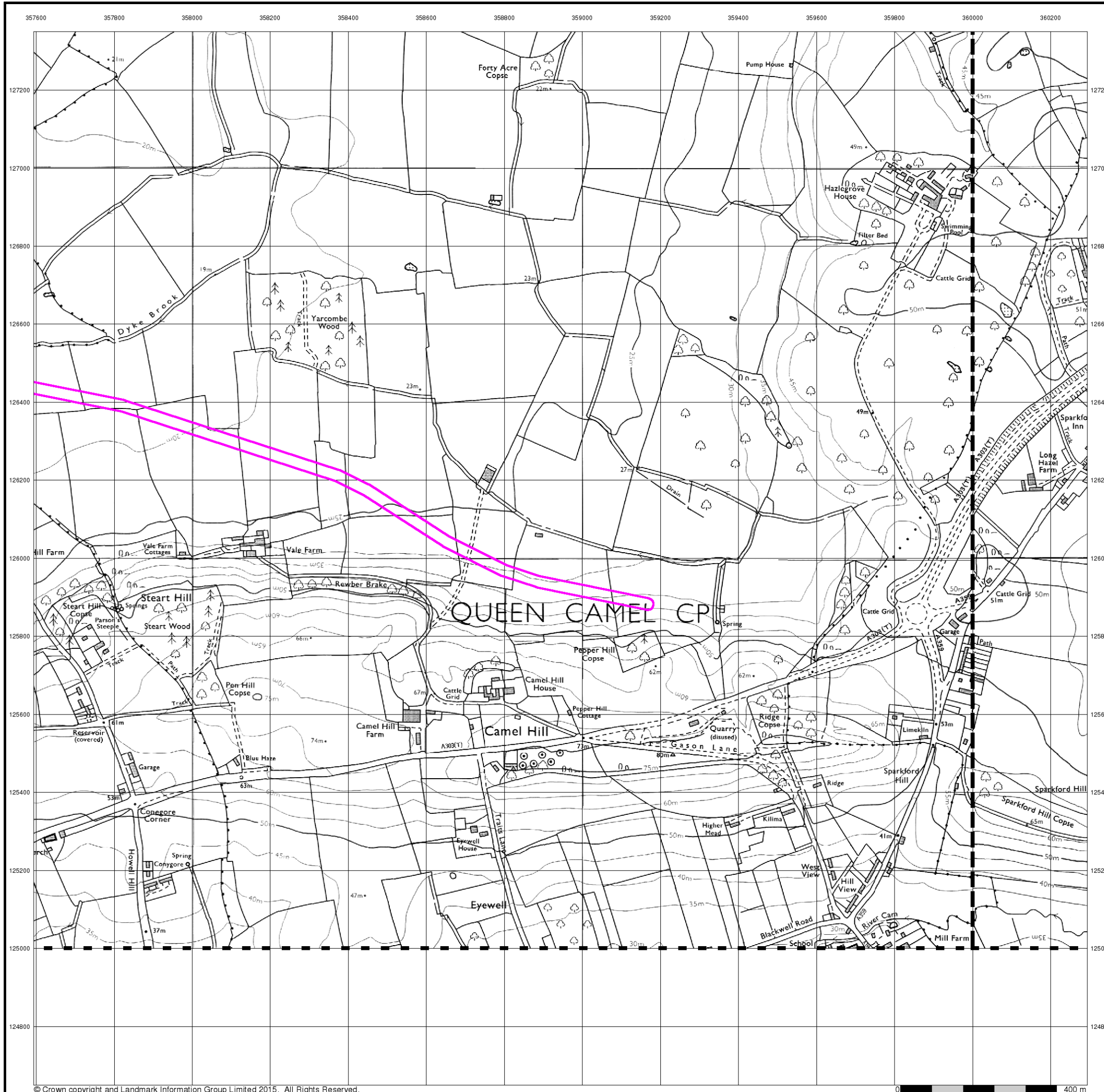


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 500

Site Details

Site at, Sparkford, Somerset

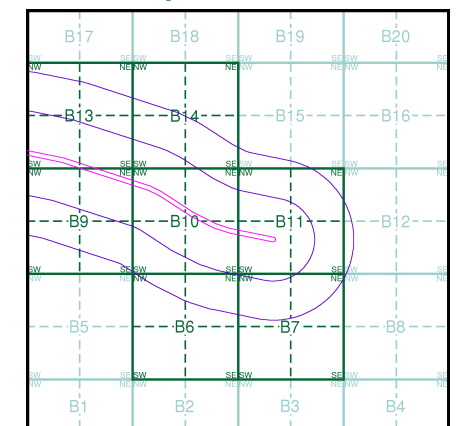


The historical maps shown were produced from the Ordnance Survey's 1:10,000 colour raster mapping. These maps are derived from Landplan which replaced the old 1:10,000 maps originally published in 1970. The data is highly detailed showing buildings, fences and field boundaries as well as all roads, tracks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

Map Name(s) and Date(s)

ST52NE 2006 1:10,000	ST62NW 2006 1:10,000
ST52SE 2006 1:10,000	ST62SW 2006 1:10,000

Historical Map - Slice B

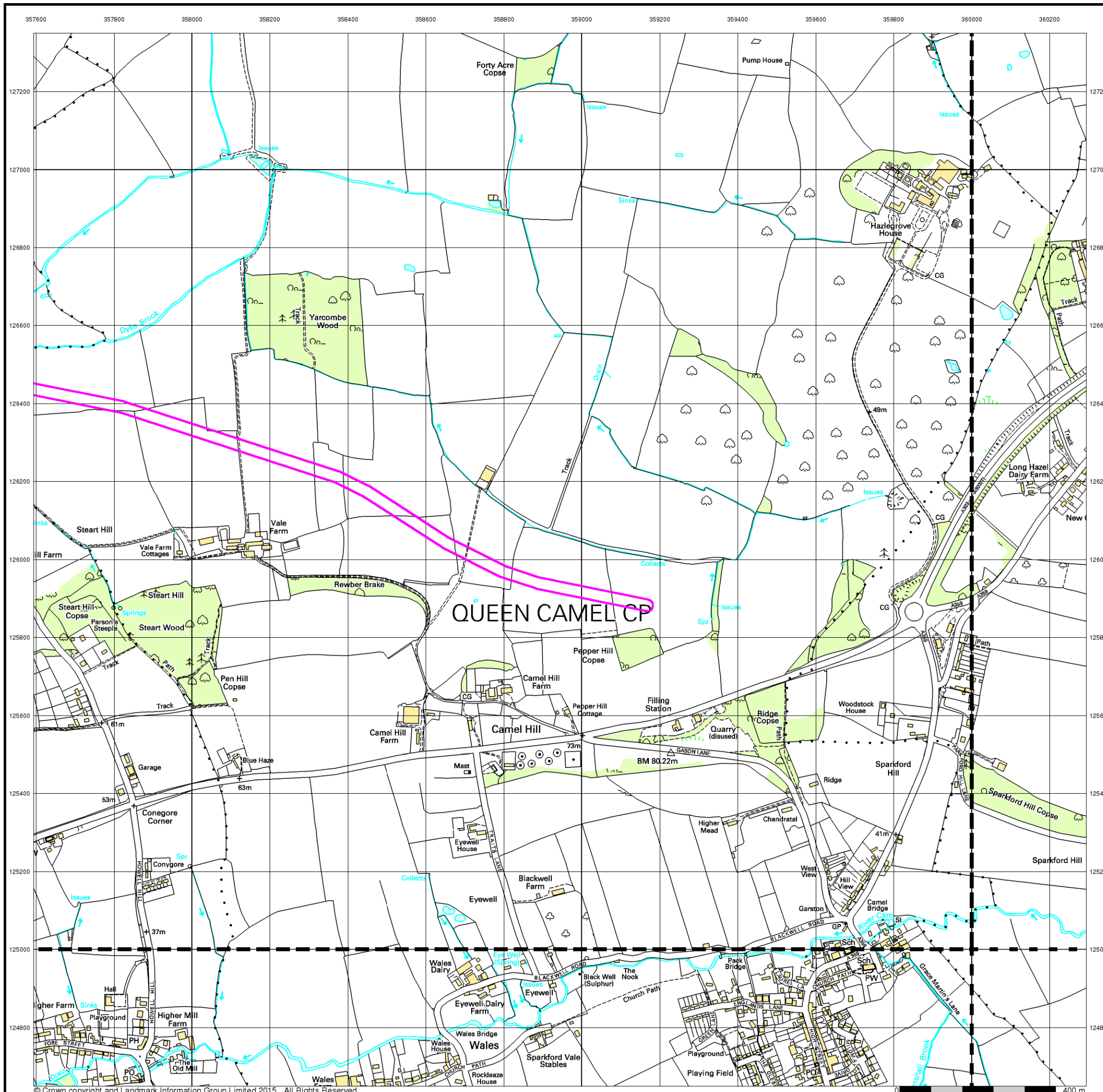


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 500

Site Details

Site at, Sparkford, Somerset

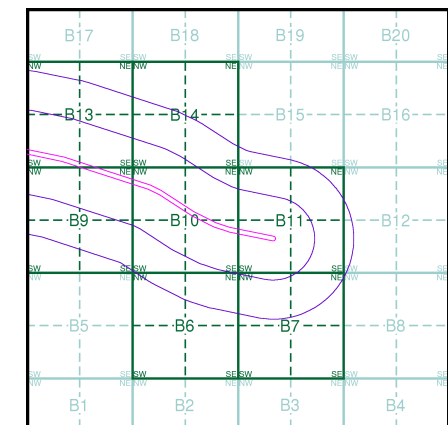


VectorMap Local (Raster) is Ordnance Survey's highest detailed 'backdrop' mapping product. These maps are produced from OS's VectorMap Local, a simple vector dataset at a nominal scale of 1:10,000, covering the whole of Great Britain, that has been designed for creating graphical mapping. OS VectorMap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

Map Name(s) and Date(s)

ST52NE 2015 Variable	ST62NW 2015 Variable
ST52SE 2015 Variable	ST62SW 2015 Variable

Historical Map - Slice B

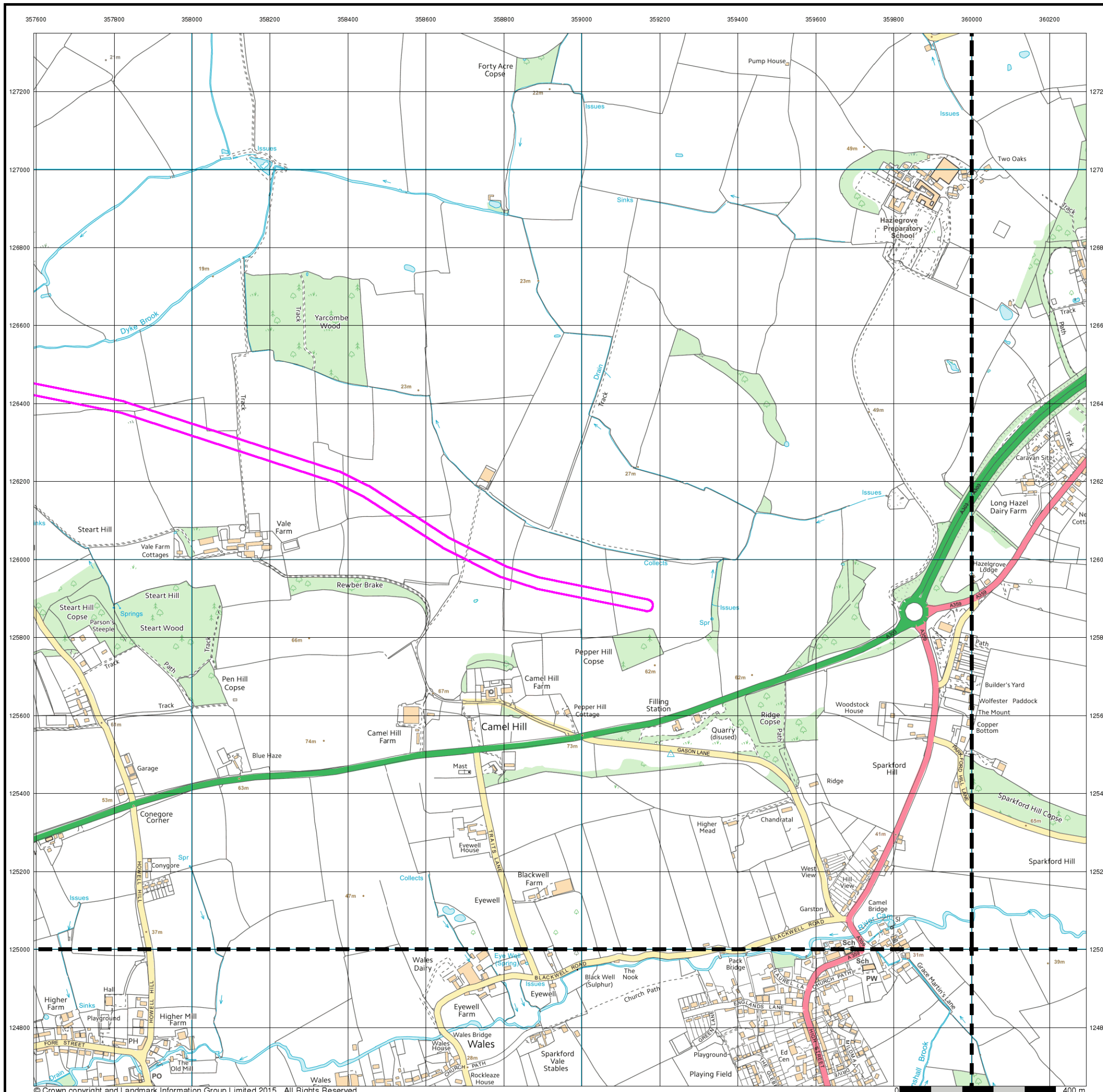


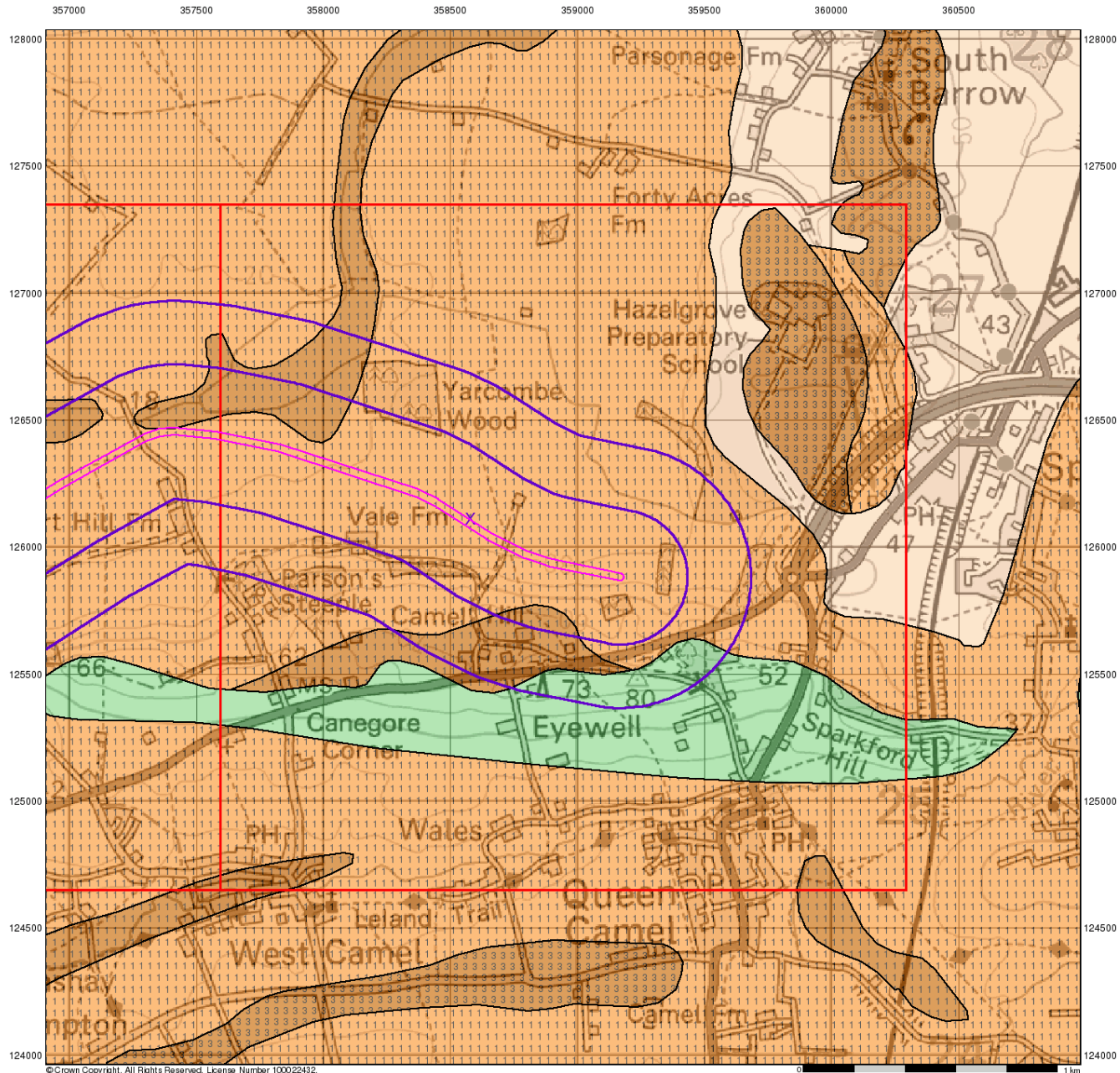
Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 500

Site Details

Site at, Sparkford, Somerset





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0 1 km



Groundwater Vulnerability

General

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

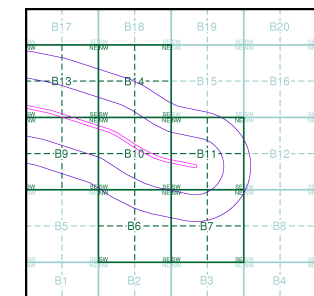
Agency and Hydrological

Geological Classes

- Major Aquifer (Highly Permeable)**
 - High (H) 1, 2, 3, U
 - Intermediate (I) 1, 2
 - Low
- Minor Aquifer (Variably Permeable)**
 - High (H) 1, 2, 3, U
 - Intermediate (I) 1, 2
 - Low
- Non Aquifer (Negligibly Permeable)**
 -
- Water or Sea**
 -
- Drift Deposit**
 -

Soil Classes

Site Sensitivity Context Map - Slice B



Order Details

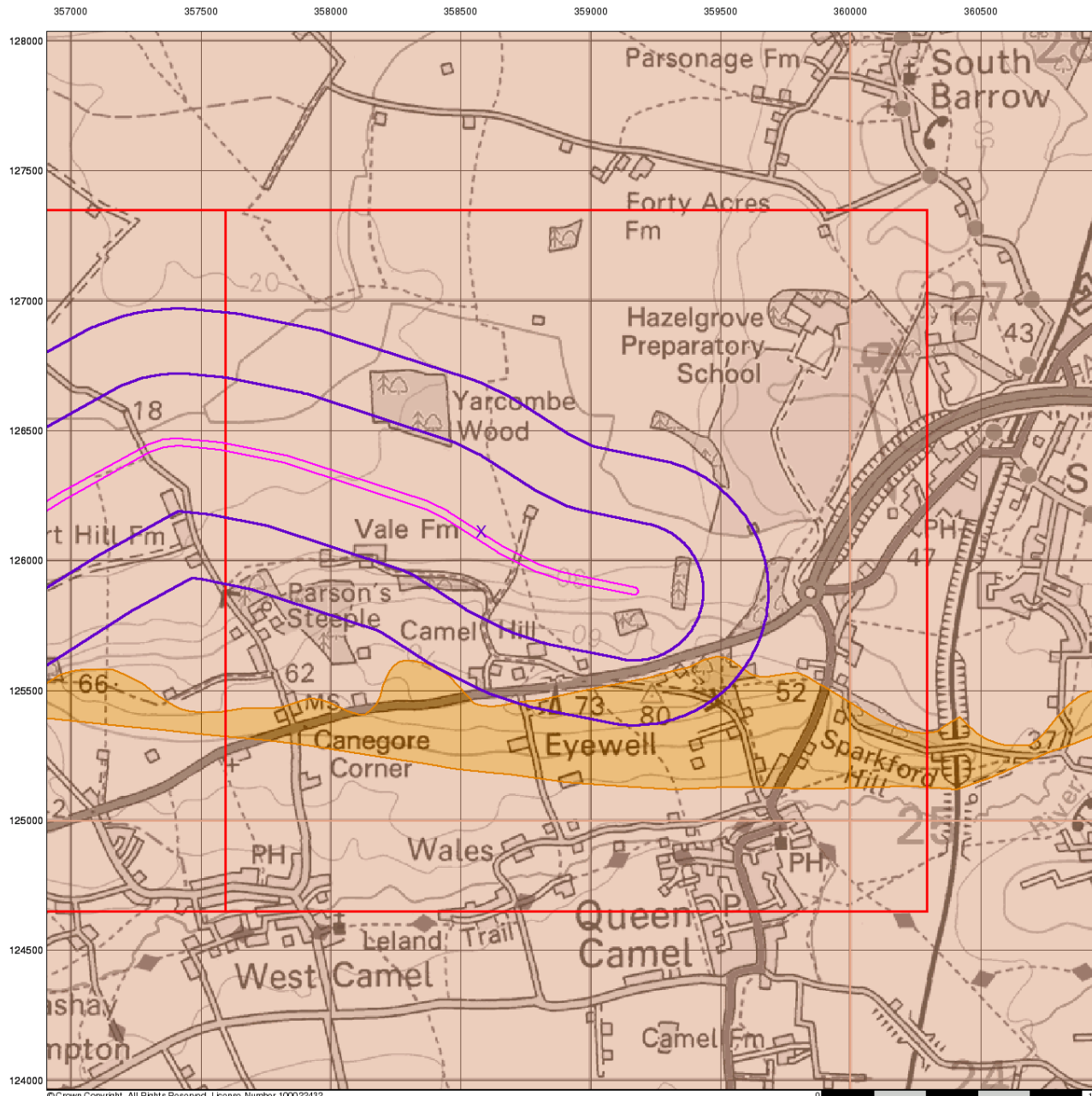
Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 500

Site Details

Site at, Sparkford, Somerset



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



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0 1 km



Bedrock Aquifer Designation

General

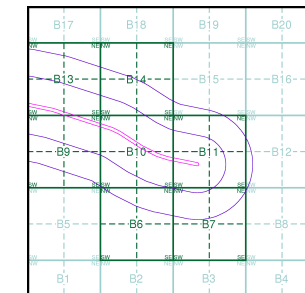
- ◇ Specified Site
- Specified Buffer(s)
- x Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice B



Order Details

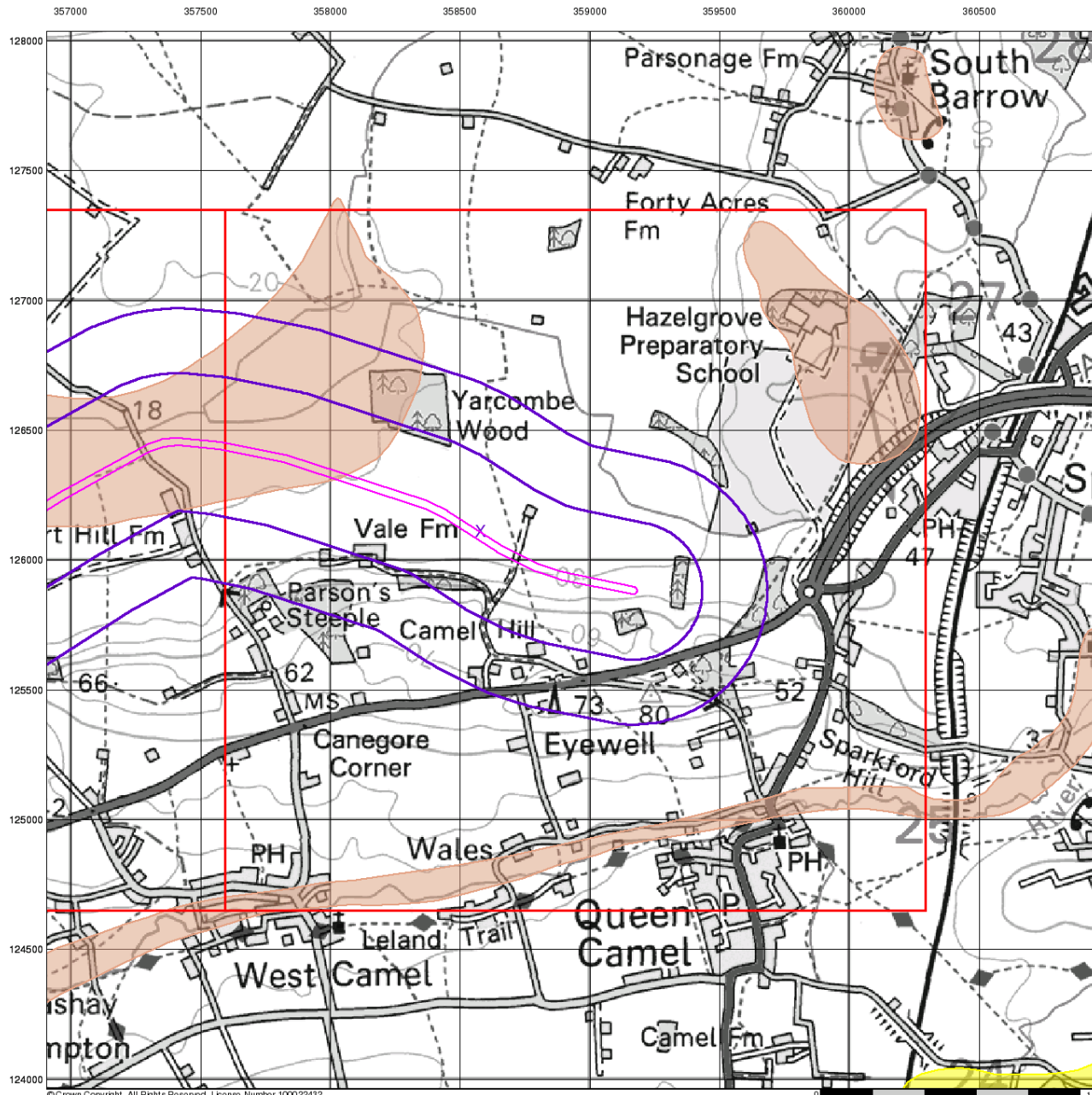
Order Number:	79579301_1_1
Customer Ref:	A303 Option F1
National Grid Reference:	358580, 126110
Slice:	B
Site Area (Ha):	10.71
Search Buffer (m):	500

Site Details

Site at, Sparkford, Somerset



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



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Superficial Aquifer Designation

General

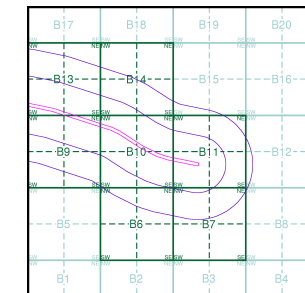
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice B



Order Details

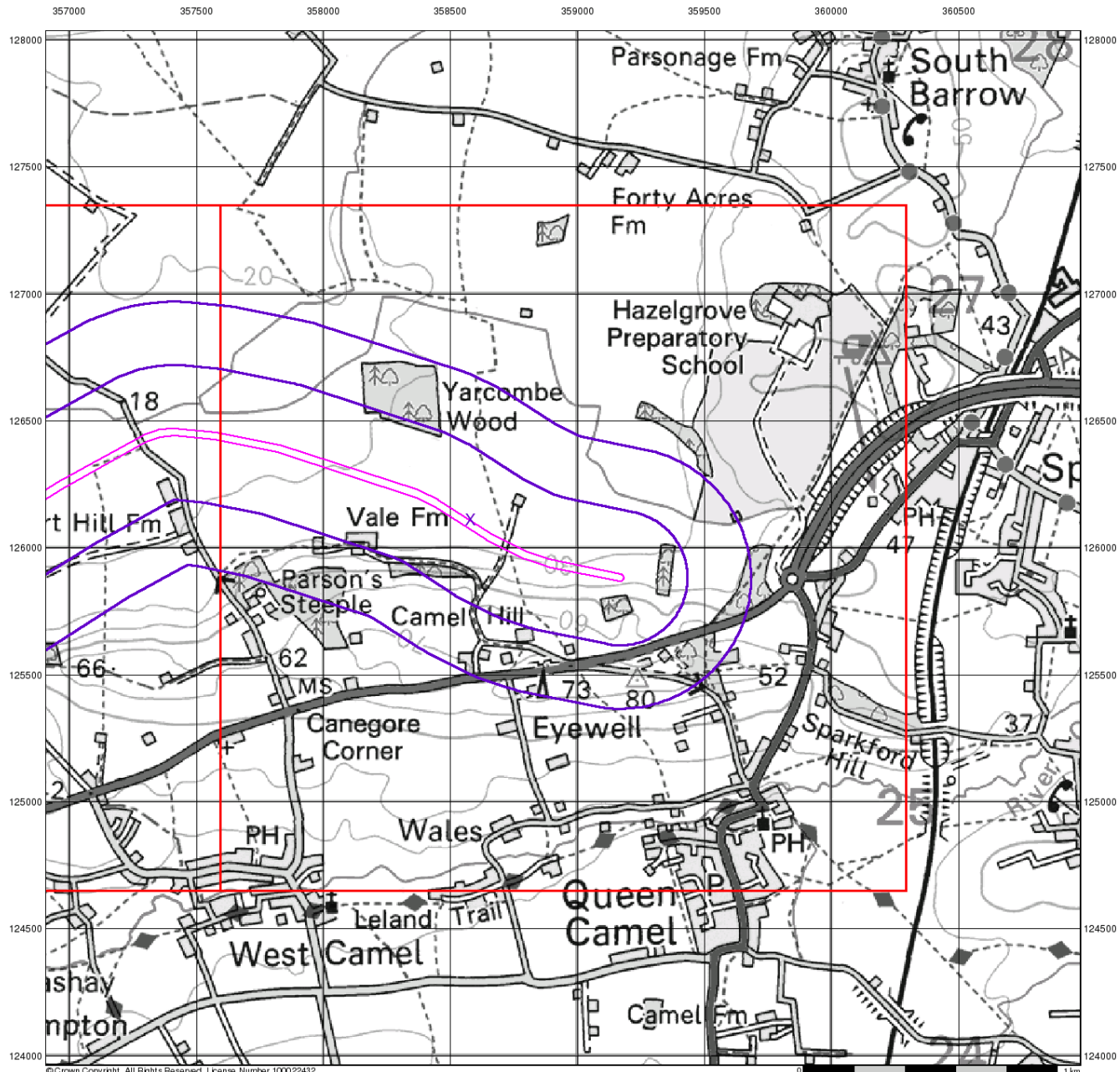
Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 500

Site Details

Site at, Sparkford, Somerset



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



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Source Protection Zones

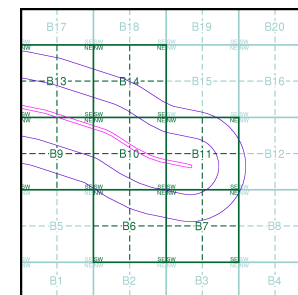
General

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

Agency and Hydrological

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

Site Sensitivity Context Map - Slice B



Order Details

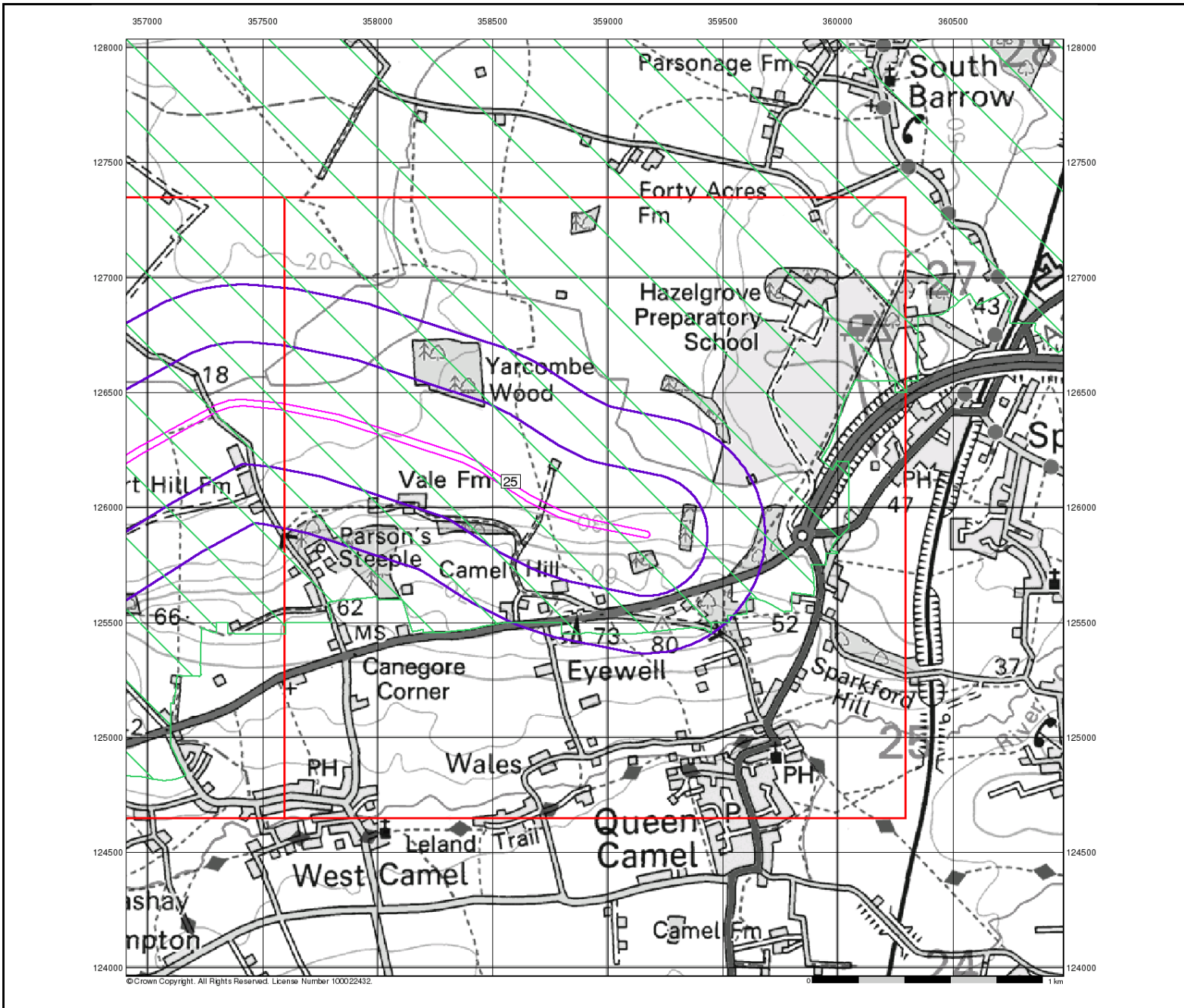
Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 500

Site Details

Site at, Sparkford, Somerset



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



Sensitive Land Uses

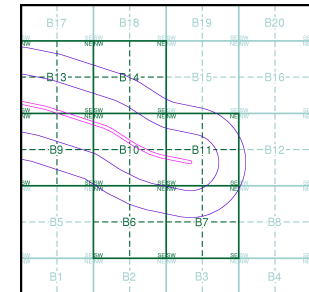
General

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

Sensitive Land Uses

- Area of Adopted Green Belt
- Area of Unadopted Green Belt
- Area of Outstanding Natural Beauty
- Environmentally Sensitive Area
- Forest Park
- Local Nature Reserve
- Marine Nature Reserve
- National Nature Reserve
- National Park
- Nitrate Sensitive Area
- Nitrate Vulnerable Zone
- Ramsar Site
- Site of Special Scientific Interest
- Special Area of Conservation
- Special Protection Area

Site Sensitivity Context Map - Slice B



Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 500

Site Details

Site at, Sparkford, Somerset



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

Historical Mapping Legends

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

Quarry **Gravel Pit** **Sand Pit**
Clay Pit **Shingle** **Refuse Heap**
Sloping Masonry **Flat Rock**
Marsh **Reeds** **Osiers**
Rough Pasture **Furze** **Wood**
Mixed Wood **Brushwood** **Orchard**
Fir **Ford** **Stepping Stones**
Ferry **Waterfall** **Lock**
Trig. Station **Altitude at Trig. Station**
B.M. 325.9 **Bench Mark** **Surface Level**
Arrow denotes flow of water **Antiquities (site of)**
Cutting **Embankment**
Railway crossing Road **Level Crossing** **Road crossing Railway**
Railway crossing River or Canal **Road over single stream** **Road over River or Canal**
County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
County Borough Boundary (England)
Co. Boro. Bdy.
County Burgh Boundary (Scotland)
Co. Burgh Bdy.
BP BS Boundary Post or Stone **P.C.B** Police Call Box
B.R. Bridle Road **P** Pump
E.P Electricity Pylon **S.P** Signal Post
F.B. Foot Bridge **SL** Sluice
F.P. Foot Path **Sp.** Spring
G.P Guide Post or Board **T.C.B** Telephone Call Box
M.S Mile Stone **Tr.** Trough
M.P M.R Mooring Post or Ring **W** Well

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

Inactive Quarry, Chalk Pit or Clay Pit **Active Quarry, Chalk Pit or Clay Pit**
Rock **Boulders**
Cliff **Slopes** **Top**
Roofed Building **Glazed Roof Building**
Sloping Masonry **Archway**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Bench Mark** **Antiquity (site of)**
Cave Entrance **Triangulation Station** **Electricity Pylon**
Electricity Transmission Line
County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
London Borough Boundary
Symbol marking point where boundary mereing changes
BH Beer House **P** Pillar, Pole or Post
BP, BS Boundary Post or Stone **PO** Post Office
Cn, C Capstan, Crane **PC** Public Convenience
Chy Chimney **PH** Public House
D Fn Drinking Fountain **Pp** Pump
EI P Electricity Pillar or Post **SB, S Br** Signal Box or Bridge
FAP Fire Alarm Pillar **SP, SL** Signal Post or Light
FB Foot Bridge **Spr** Spring
GP Guide Post **Tk** Tank or Track
H Hydrant or Hydraulic **TCB** Telephone Call Box
LC Level Crossing **TCP** Telephone Call Post
MH Manhole **Tr** Trough
MP Mile Post or Mooring Post **Wr Pt, Wr T** Water Point, Water Tap
MS Mile Stone **W** Well
NTL Normal Tidal Limit **Wd Pp** Wind Pump

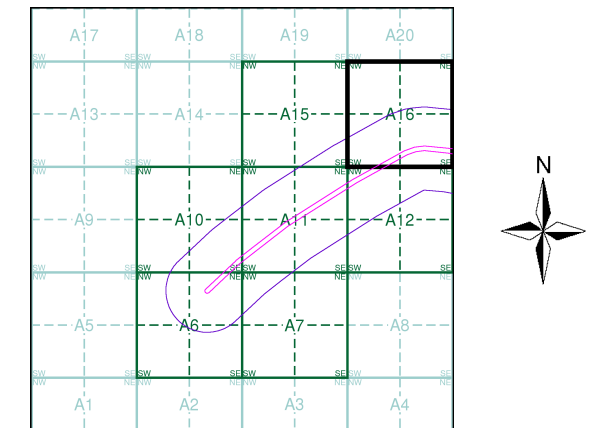
Large-Scale National Grid Data 1:2,500 and 1:1,250

Cliff **Slopes** **Top**
Rock **Rock (scattered)**
Boulders **Boulders (scattered)**
Positioned Boulder **Scree**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Triangulation Station** **Antiquity (site of)**
Electricity Transmission Line **Electricity Pylon**
BM 231.60m **Bench Mark** **Buildings with Building Seed**
Roofed Building **Glazed Roof Building**
Civil parish/community boundary
District boundary
County boundary
Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)
Bks Barracks **P** Pillar, Pole or Post
Bty Battery **PO** Post Office
Cemy Cemetery **PC** Public Convenience
Chy Chimney **Pp** Pump
Cis Cistern **Ppg Sta** Pumping Station
Dismtd Rly Dismantled Railway **PW** Place of Worship
EI Gen Sta Electricity Generating Station **Sewage Ppg Sta** Sewage Pumping Station
EI P Electricity Pole, Pillar **SB, S Br** Signal Box or Bridge
EI Sub Sta Electricity Sub Station **SP, SL** Signal Post or Light
FB Filter Bed **Spr** Spring
Fn / D Fn Fountain / Drinking Ftn. **Tk** Tank or Track
Gas Gov Gas Valve Compound **Tr** Trough
GVC Gas Governor **Wd Pp** Wind Pump
GP Guide Post **Wr Pt, Wr T** Water Point, Water Tap
MH Manhole **Wks** Works (building or area)
MP, MS Mile Post or Mile Stone **W** Well

Grontmij
Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Somerset	1:2,500	1887	2
Somerset	1:2,500	1903	3
Ordnance Survey Plan	1:2,500	1975 - 1977	4
Large-Scale National Grid Data	1:2,500	1995	5
Large-Scale National Grid Data	1:2,500	1996	6

Historical Map - Segment A16



Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 356600, 125990
 Slice: A
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset

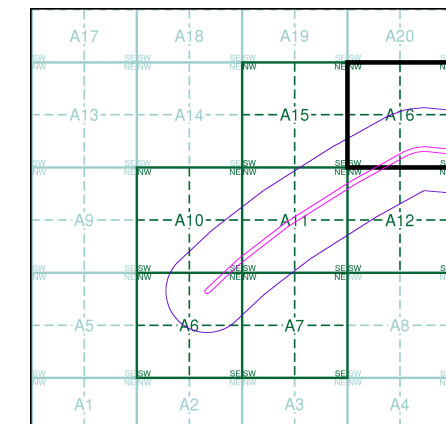
Landmark
 Information Group
 Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk

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

Map Name(s) and Date(s)

074_02
1887
1:2,500
074_06
1887
1:2,500

Historical Map - Segment A16

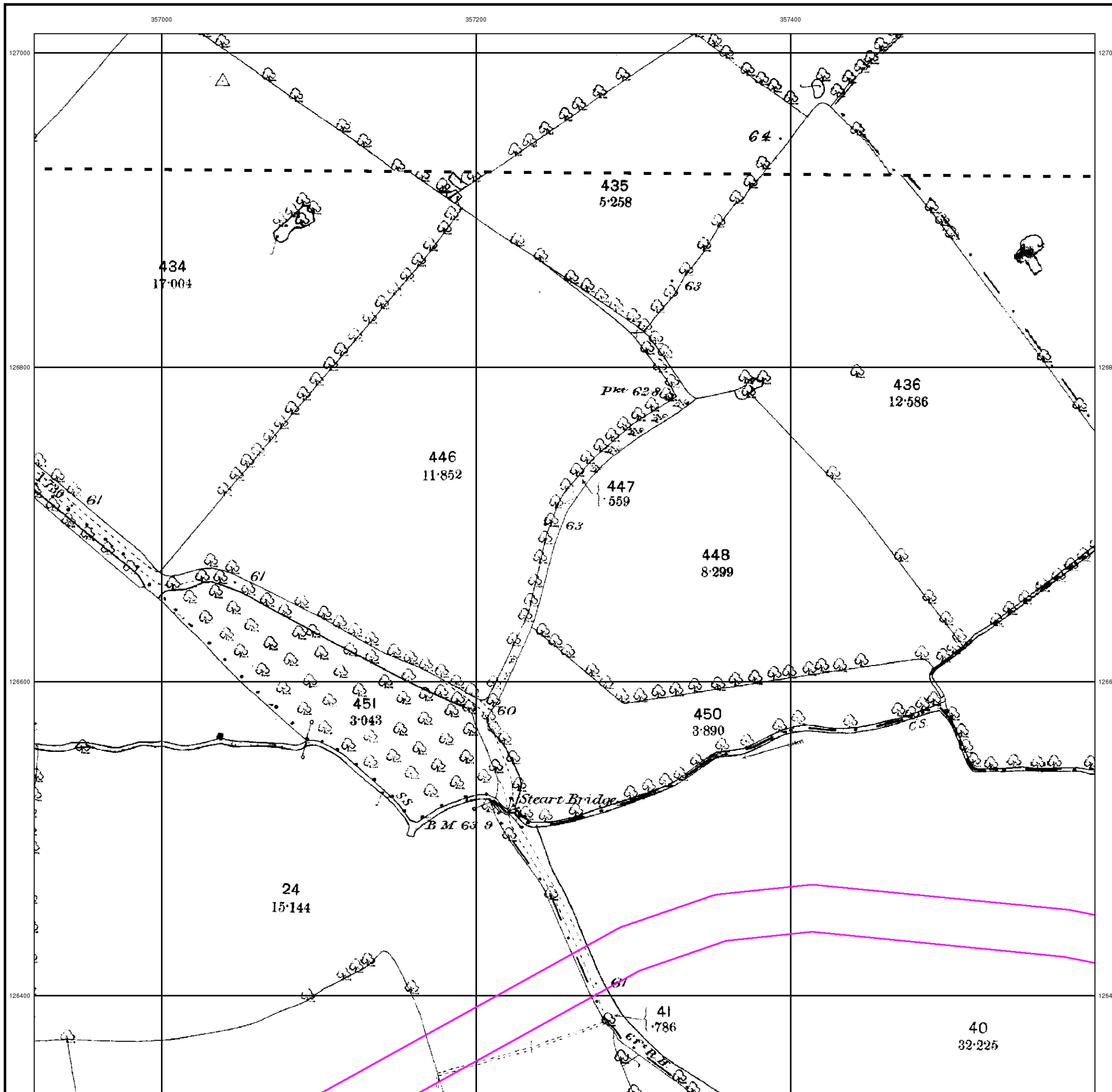


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 356600, 125990
 Slice: A
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset

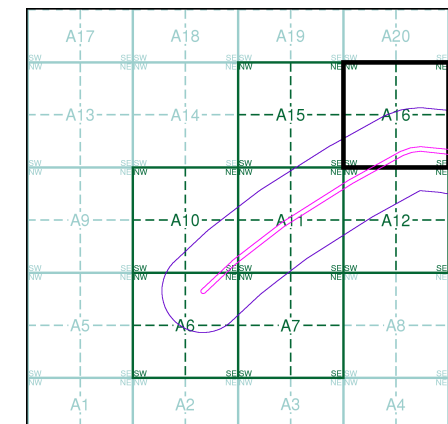


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain.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

Map Name(s) and Date(s)

074_02
1903
1:2,500
074_06
1903
1:2,500

Historical Map - Segment A16

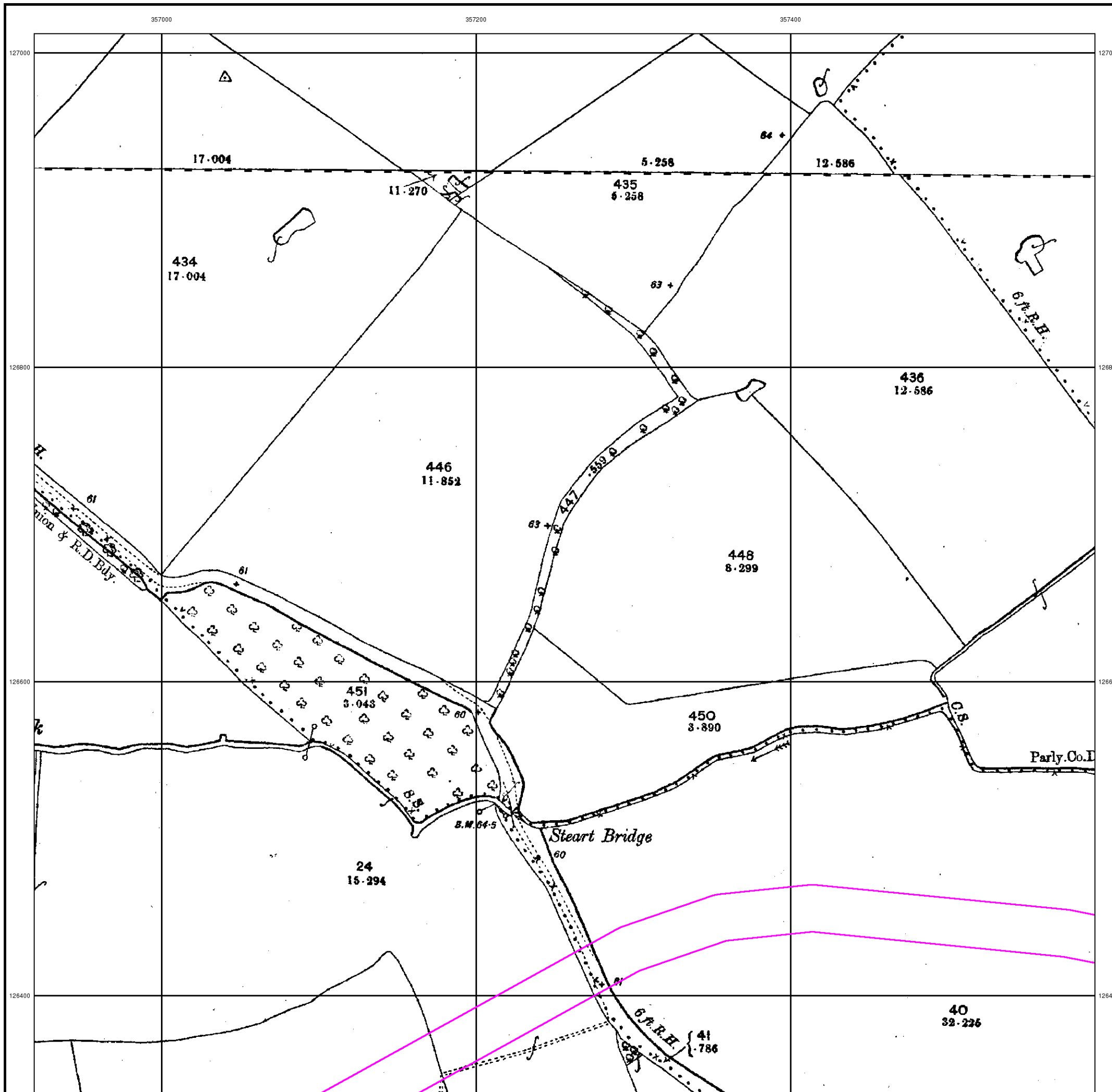


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 356600, 125990
 Slice: A
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset



Ordnance Survey Plan

Published 1975 - 1977

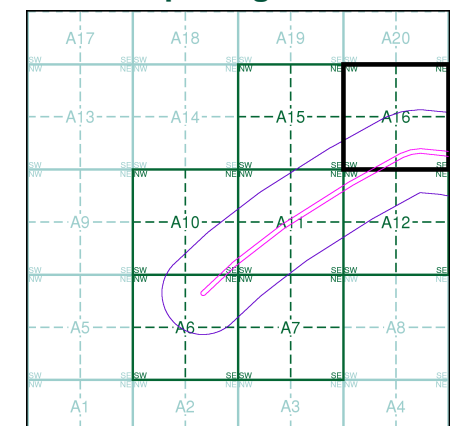
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

ST5627 1977 12,500	ST5727 1977 12,500
ST5626 1975 12,500	ST5726 1975 12,500

Historical Map - Segment A16

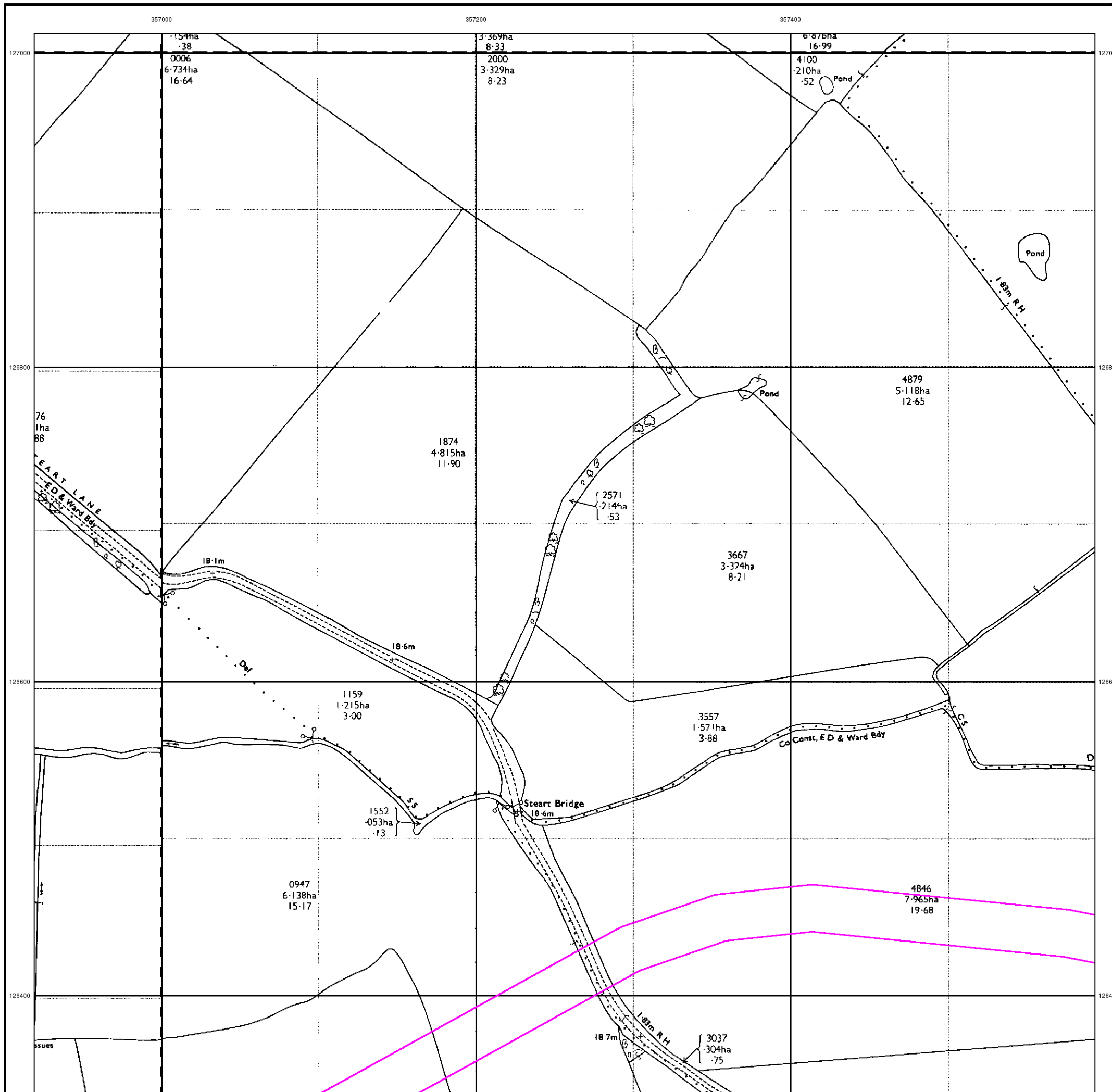


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 356600, 125990
 Slice: A
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset

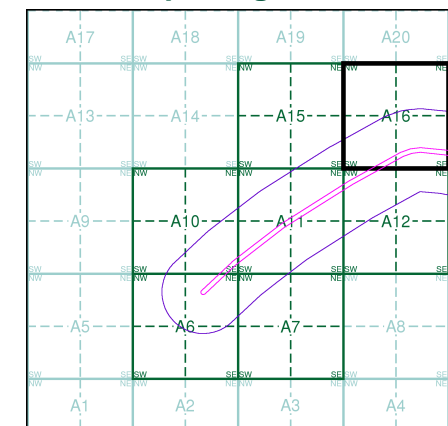


'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic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

Map Name(s) and Date(s)

ST5627 1995 1:2,500	ST5727 1995 1:2,500
ST5626 1995 1:2,500	ST5726 1995 1:2,500

Historical Map - Segment A16

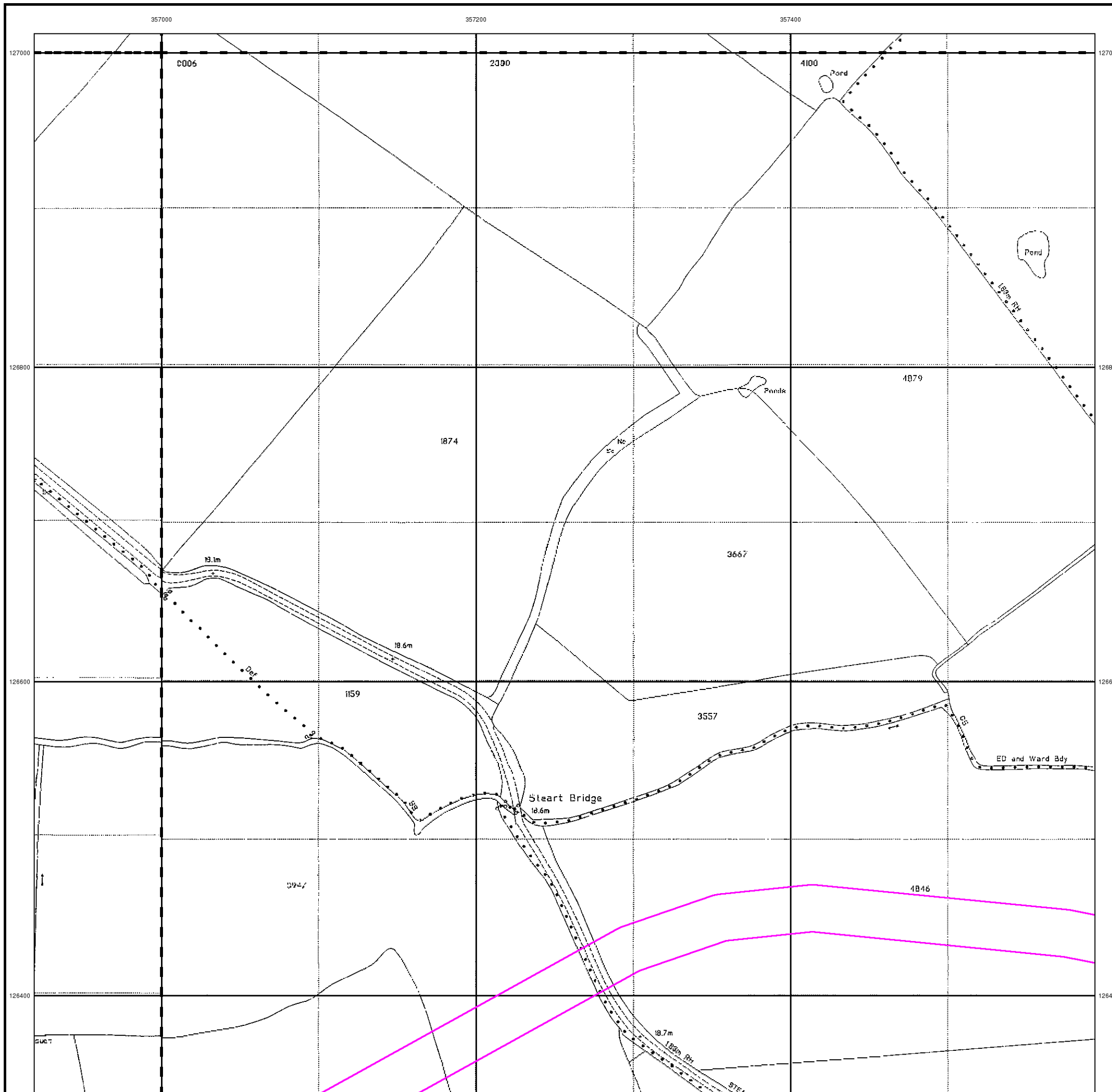


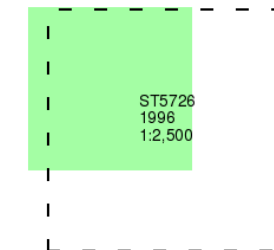
Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 356600, 125990
 Slice: A
 Site Area (Ha): 10.71
 Search Buffer (m): 250

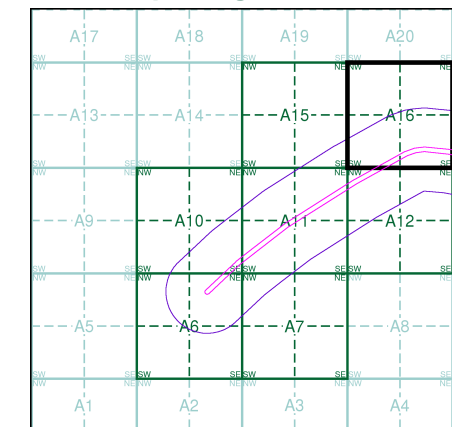
Site Details

Site at, Sparkford, Somerset





Historical Map - Segment A16

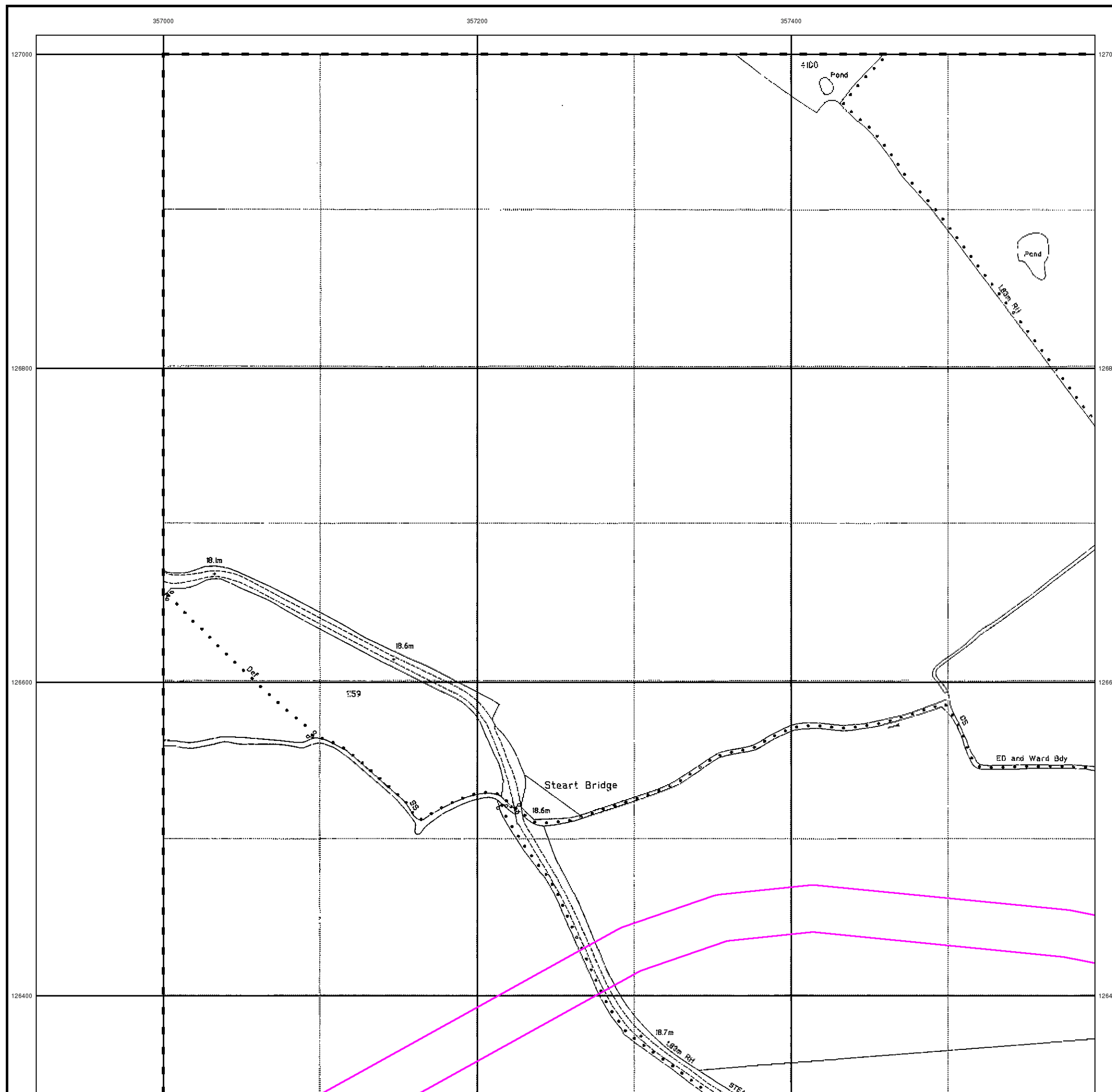


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 356600, 125990
 Slice: A
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset



Historical Mapping Legends

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

Quarry **Gravel Pit** **Sand Pit**
Clay Pit **Shingle** **Refuse Heap**
Sloping Masonry **Flat Rock**
Marsh **Reeds** **Osiers**
Rough Pasture **Furze** **Wood**
Mixed Wood **Brushwood** **Orchard**
Fir **Ford** **Stepping Stones**
Ferry **Waterfall** **Lock**
Trig. Station **Altitude at Trig. Station**
B.M. 325.9 **Bench Mark** **Surface Level**
Arrow denotes flow of water **Antiquities (site of)**
Cutting **Embankment**
Railway crossing Road **Level Crossing** **Road crossing Railway**
Railway crossing River or Canal **Road over single stream** **Road over River or Canal**
County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
County Borough Boundary (England)
County Burgh Boundary (Scotland)
Co. Boro. Bdy.
Co. Burgh Bdy.
BP BS Boundary Post or Stone **P.C.B** Police Call Box
B.R. Bridle Road **P** Pump
E.P Electricity Pylon **S.P** Signal Post
F.B. Foot Bridge **SL** Sluice
F.P. Foot Path **Sp.** Spring
G.P Guide Post or Board **T.C.B** Telephone Call Box
M.S Mile Stone **Tr.** Trough
M.P M.R Mooring Post or Ring **W** Well

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

Inactive Quarry, Chalk Pit or Clay Pit **Active Quarry, Chalk Pit or Clay Pit**
Rock **Boulders**
Cliff **Slopes** **Top**
Roofed Building **Glazed Roof Building**
Sloping Masonry **Archway**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Bench Mark** **Antiquity (site of)**
Cave Entrance **Triangulation Station** **Electricity Pylon**
Electricity Transmission Line
County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
London Borough Boundary
Symbol marking point where boundary mereing changes
BH Beer House **P** Pillar, Pole or Post
BP, BS Boundary Post or Stone **PO** Post Office
Cn, C Capstan, Crane **PC** Public Convenience
Chy Chimney **PH** Public House
D Fn Drinking Fountain **Pp** Pump
EI P Electricity Pillar or Post **SB, S Br** Signal Box or Bridge
FAP Fire Alarm Pillar **SP, SL** Signal Post or Light
FB Foot Bridge **Spr** Spring
GP Guide Post **Tk** Tank or Track
H Hydrant or Hydraulic **TCB** Telephone Call Box
LC Level Crossing **TCP** Telephone Call Post
MH Manhole **Tr** Trough
MP Mile Post or Mooring Post **Wr Pt, Wr T** Water Point, Water Tap
MS Mile Stone **W** Well
NTL Normal Tidal Limit **Wd Pp** Wind Pump

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

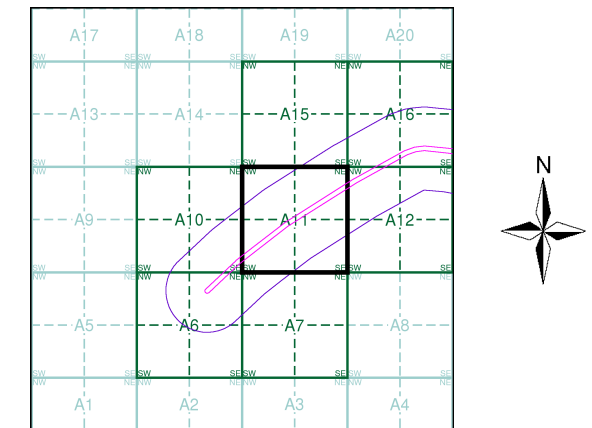
Cliff **Slopes** **Top**
Rock **Rock (scattered)**
Boulders **Boulders (scattered)**
Positioned Boulder **Scree**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Triangulation Station** **Antiquity (site of)**
Electricity Transmission Line **Electricity Pylon**
B.M. 231.60m Bench Mark **Buildings with Building Seed**
Roofed Building **Glazed Roof Building**
Civil parish/community boundary
District boundary
County boundary
Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)
Bks Barracks **P** Pillar, Pole or Post
Bty Battery **PO** Post Office
Cemy Cemetery **PC** Public Convenience
Chy Chimney **Pp** Pump
Cis Cistern **Ppg Sta** Pumping Station
Dismtd Rly Dismantled Railway **PW** Place of Worship
EI Gen Sta Electricity Generating Station **Sewage Ppg Sta** Sewage Pumping Station
EI P Electricity Pole, Pillar **SB, S Br** Signal Box or Bridge
EI Sub Sta Electricity Sub Station **SP, SL** Signal Post or Light
FB Filter Bed **Spr** Spring
Fn / D Fn Fountain / Drinking Ftn. **Tk** Tank or Track
Gas Gov Gas Valve Compound **Tr** Trough
GVC Gas Governor **Wd Pp** Wind Pump
GP Guide Post **Wr Pt, Wr T** Water Point, Water Tap
MH Manhole **Wks** Works (building or area)
MP, MS Mile Post or Mile Stone **W** Well

Grontmij

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Somerset	1:2,500	1887	2
Somerset	1:2,500	1903	3
Ordnance Survey Plan	1:2,500	1975	4
Large-Scale National Grid Data	1:2,500	1995	5
Large-Scale National Grid Data	1:2,500	1996	6

Historical Map - Segment A11



Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 356600, 125990
 Slice: A
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset

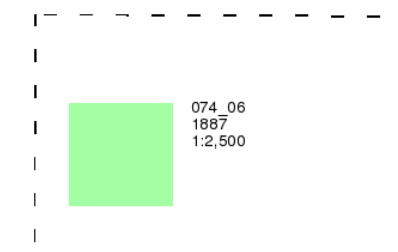
Somerset

Published 1887

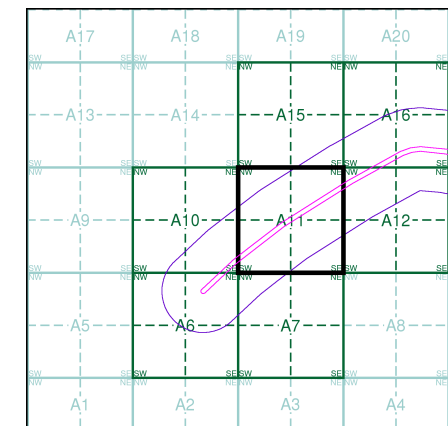
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A11

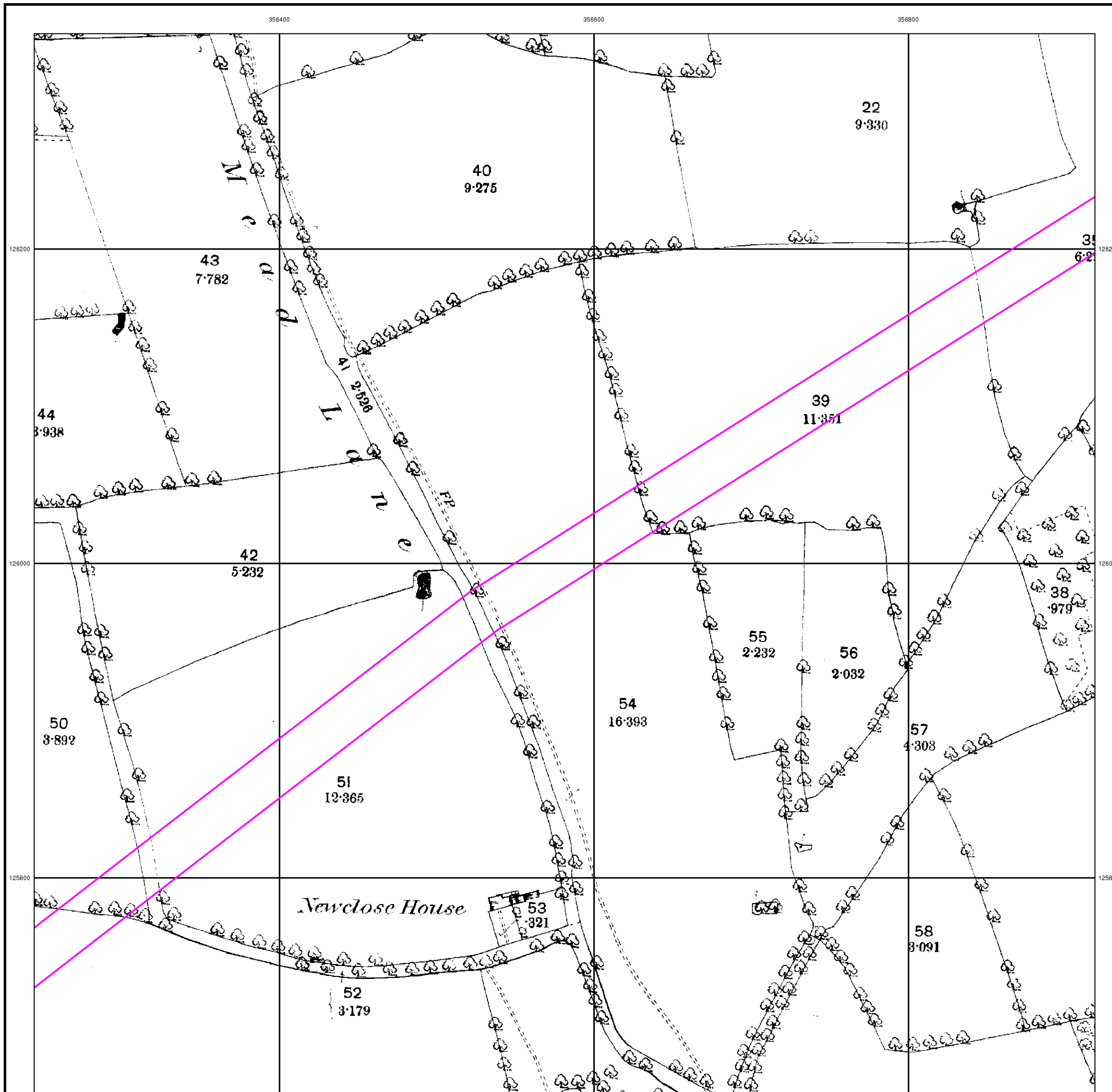


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 356600, 125990
 Slice: A
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset



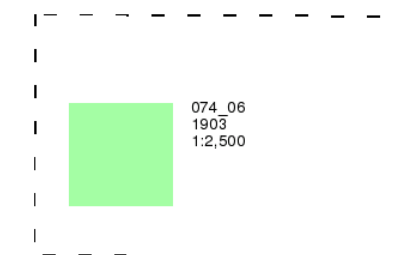
Somerset

Published 1903

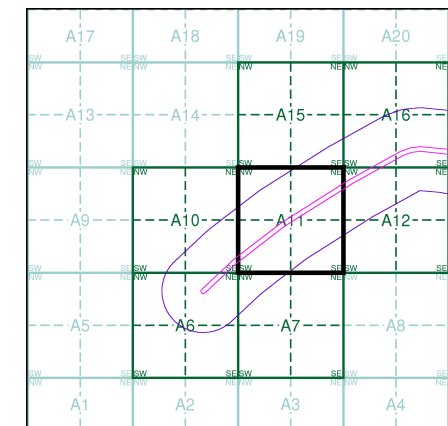
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A11

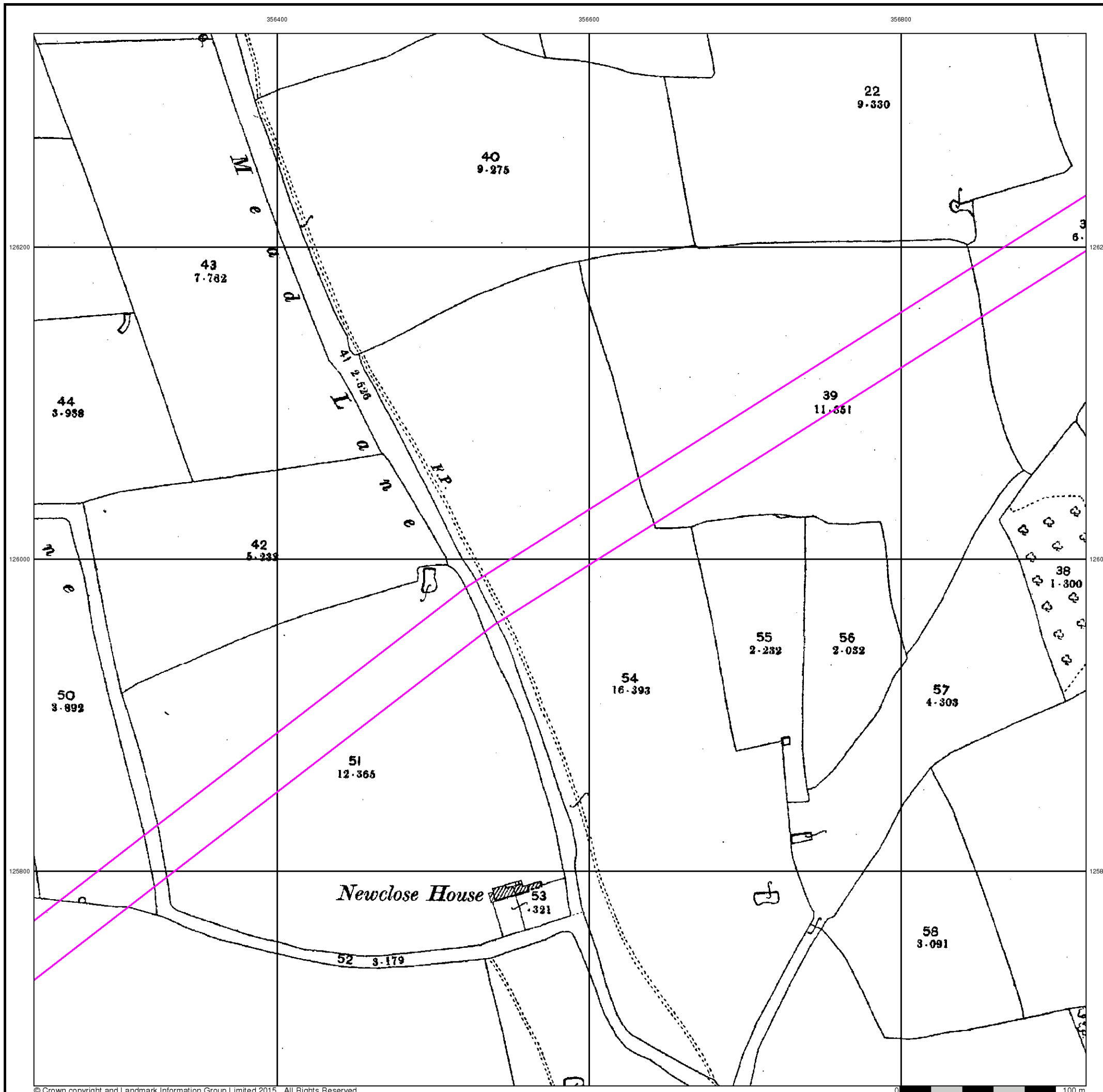


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 356600, 125990
 Slice: A
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset



Ordnance Survey Plan

Published 1975

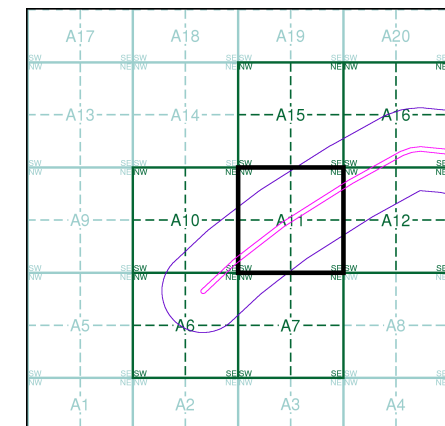
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

ST5626	1975	1:2,500
ST5625	1975	1:2,500

Historical Map - Segment A11

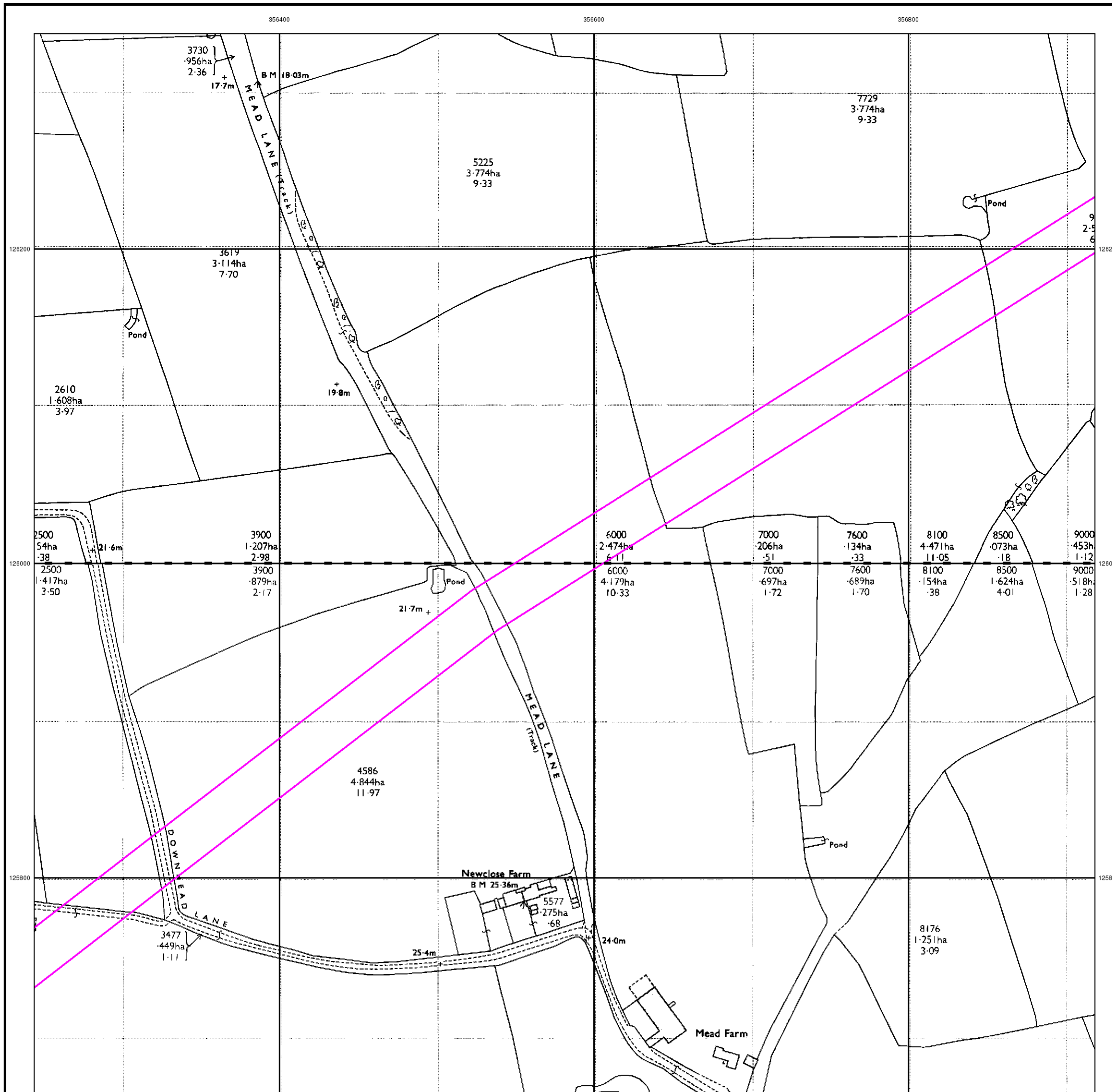


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 356600, 125990
 Slice: A
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset

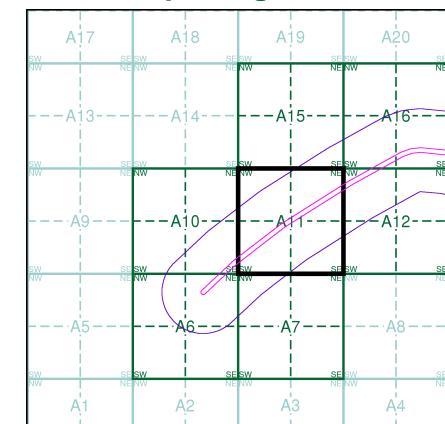


'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic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

Map Name(s) and Date(s)

ST5626	1995	1:2,500
ST5625	1995	1:2,500

Historical Map - Segment A11

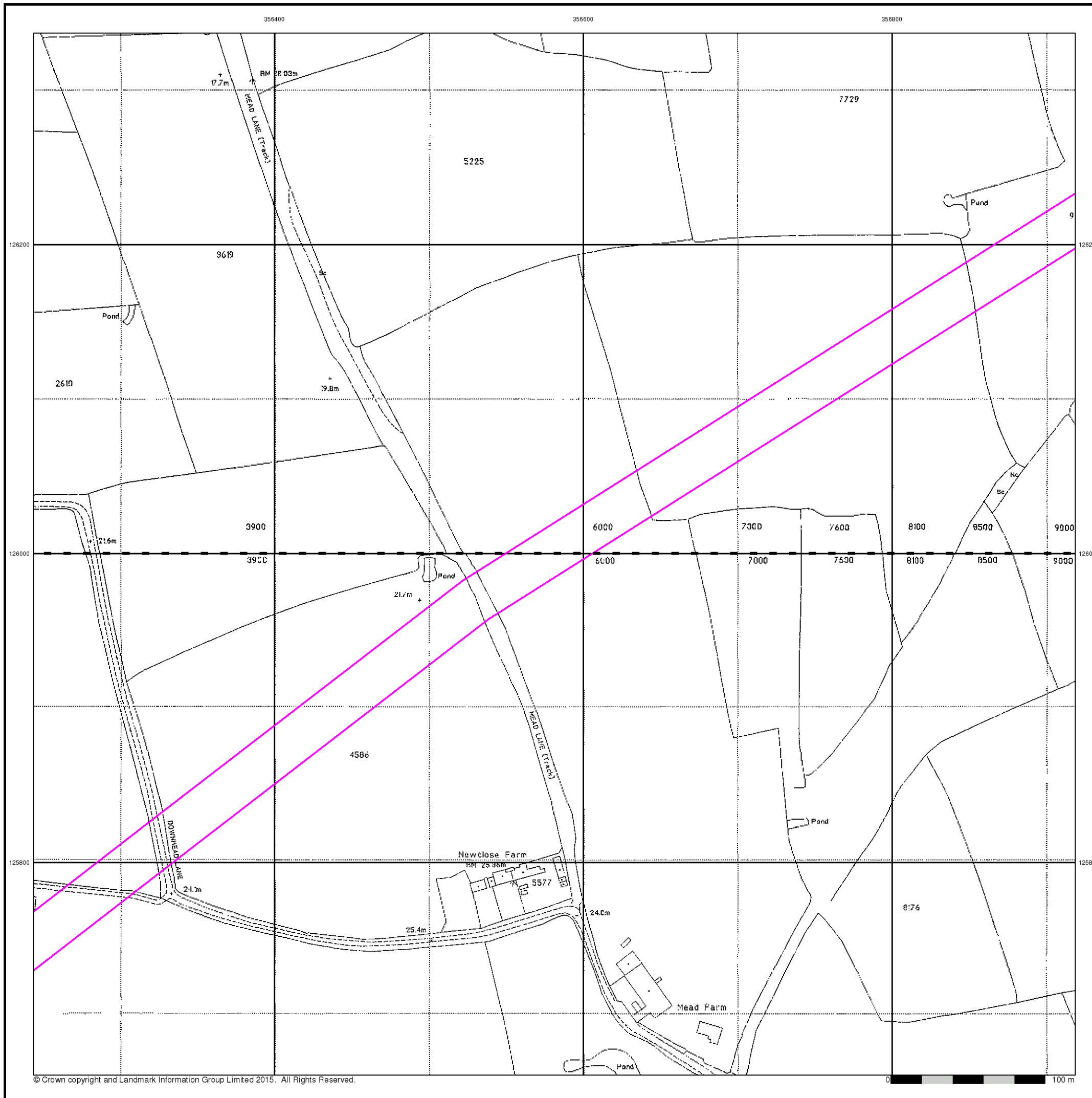


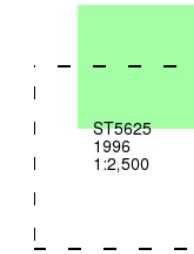
Order Details

Order Number: 79579301_1_1
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 Slice: A
 Site Area (Ha): 10.71
 Search Buffer (m): 250

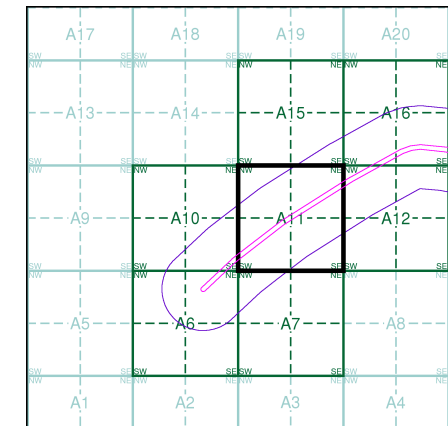
Site Details

Site at, Sparkford, Somerset





Historical Map - Segment A11

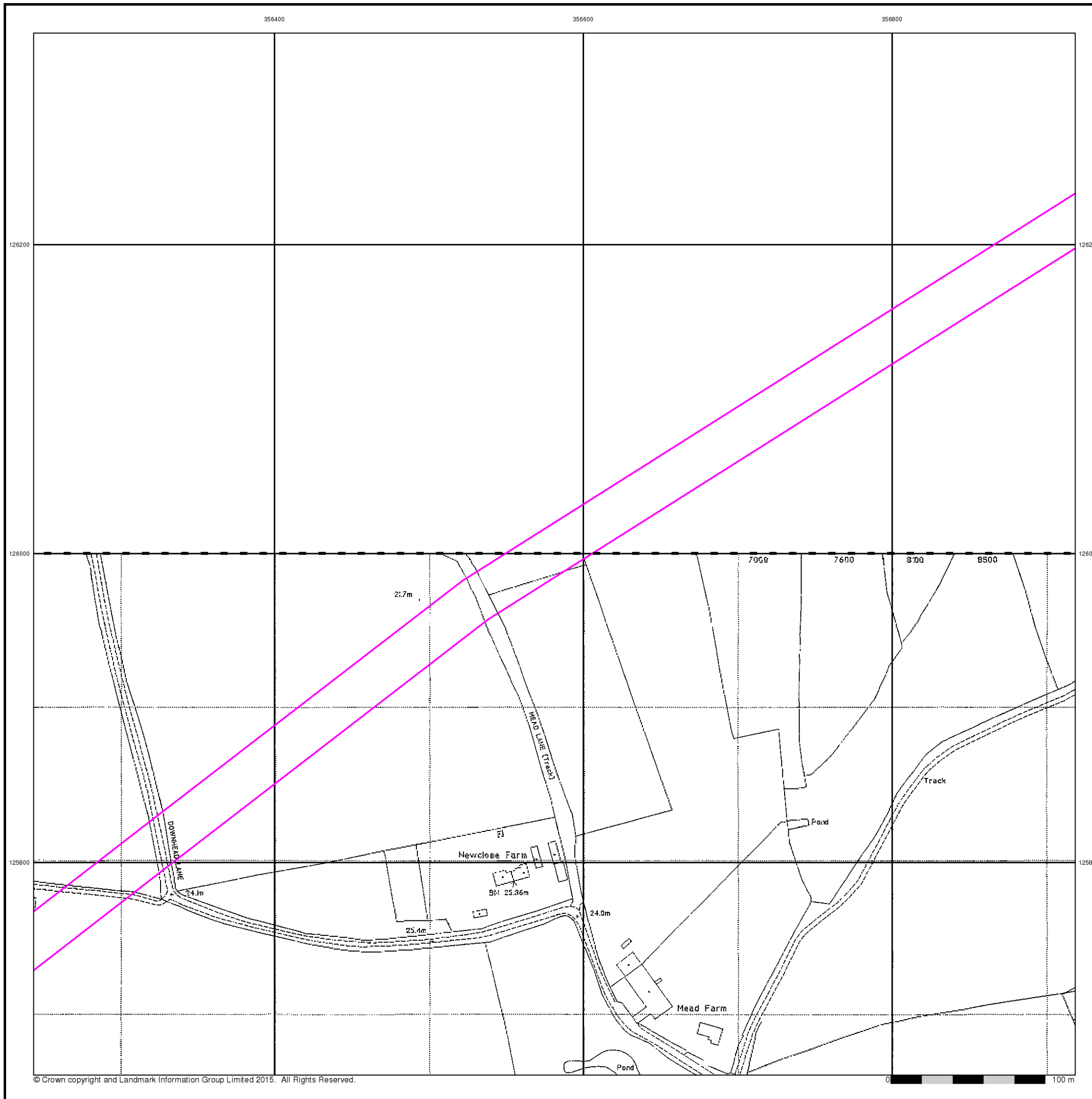


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 356600, 125990
 Slice: A
 Site Area (Ha): 10.71
 Search Buffer (m): 250

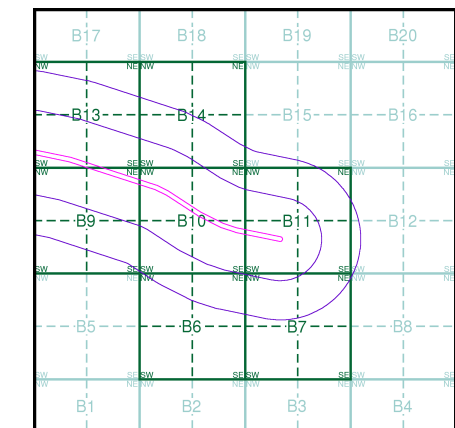
Site Details

Site at, Sparkford, Somerset



- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
 - Several of Type at Location
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
 - Contaminated Land Register Entry or Notice
 - Discharge Consent
 - Enforcement or Prohibition Notice
 - Integrated Pollution Control
 - Integrated Pollution Prevention Control
 - Local Authority Integrated Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control Enforcement
 - Pollution Incident to Controlled Waters
 - Prosecution Relating to Authorised Processes
 - Prosecution Relating to Controlled Waters
 - Registered Radioactive Substance
 - River Network or Water Feature
 - River Quality Sampling Point
 - Substantiated Pollution Incident Register
 - Water Abstraction
 - Water Industry Act Referral
- Waste**
- BGS Recorded Landfill Site (Location)
 - BGS Recorded Landfill Site
 - EA Historic Landfill (Buffered Point)
 - EA Historic Landfill (Polygon)
 - Integrated Pollution Control Registered Waste Site
 - Licensed Waste Management Facility (Landfill Boundary)
 - Licensed Waste Management Facility (Location)
 - Local Authority Recorded Landfill Site (Location)
 - Local Authority Recorded Landfill Site
 - Registered Landfill Site
 - Registered Landfill Site (Location)
 - Registered Landfill Site (Point Buffered to 100m)
 - Registered Landfill Site (Point Buffered to 250m)
 - Registered Waste Transfer Site (Location)
 - Registered Waste Transfer Site
 - Registered Waste Treatment or Disposal Site (Location)
 - Registered Waste Treatment or Disposal Site
- Hazardous Substances**
- COMAH Site
 - Explosive Site
 - NIHHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement
- Geological**
- BGS Recorded Mineral Site
- Industrial Land Use**
- Contemporary Trade Directory Entry
 - Fuel Station Entry

Site Sensitivity Map - Slice B

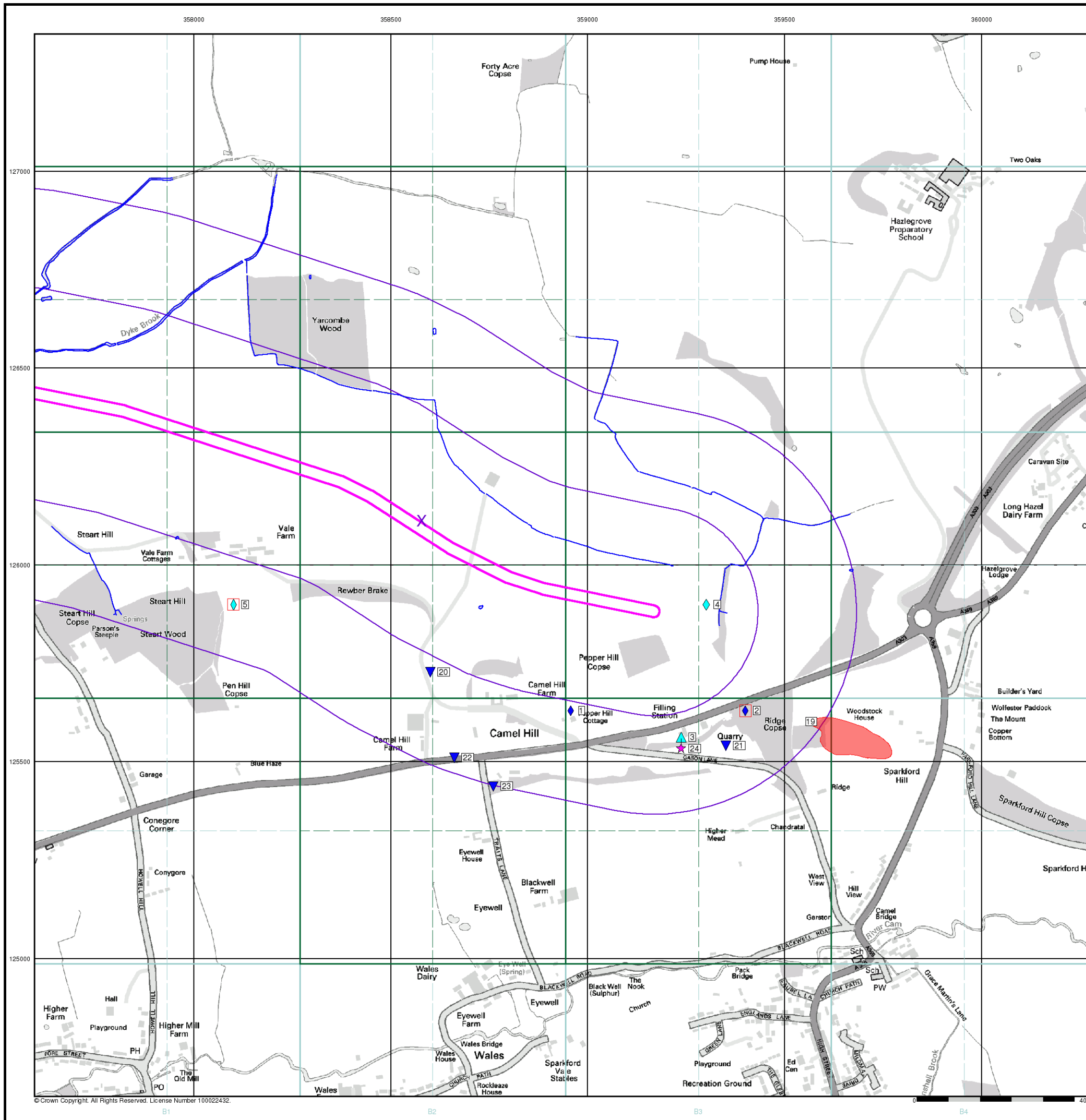


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 500




Site Details

Site at, Sparkford, Somerset








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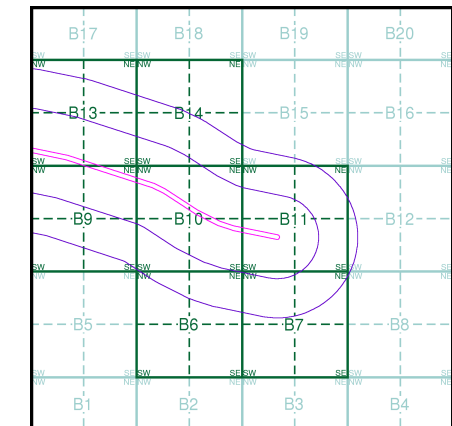
General

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

Agency and Hydrological (Flood)

-  Extreme Flooding from Rivers or Sea without Defences (Zone 2)
-  Flooding from Rivers or Sea without Defences (Zone 3)
-  Area Benefiting from Flood Defence
-  Flood Water Storage Areas
-  Flood Defence

Flood Map - Slice B

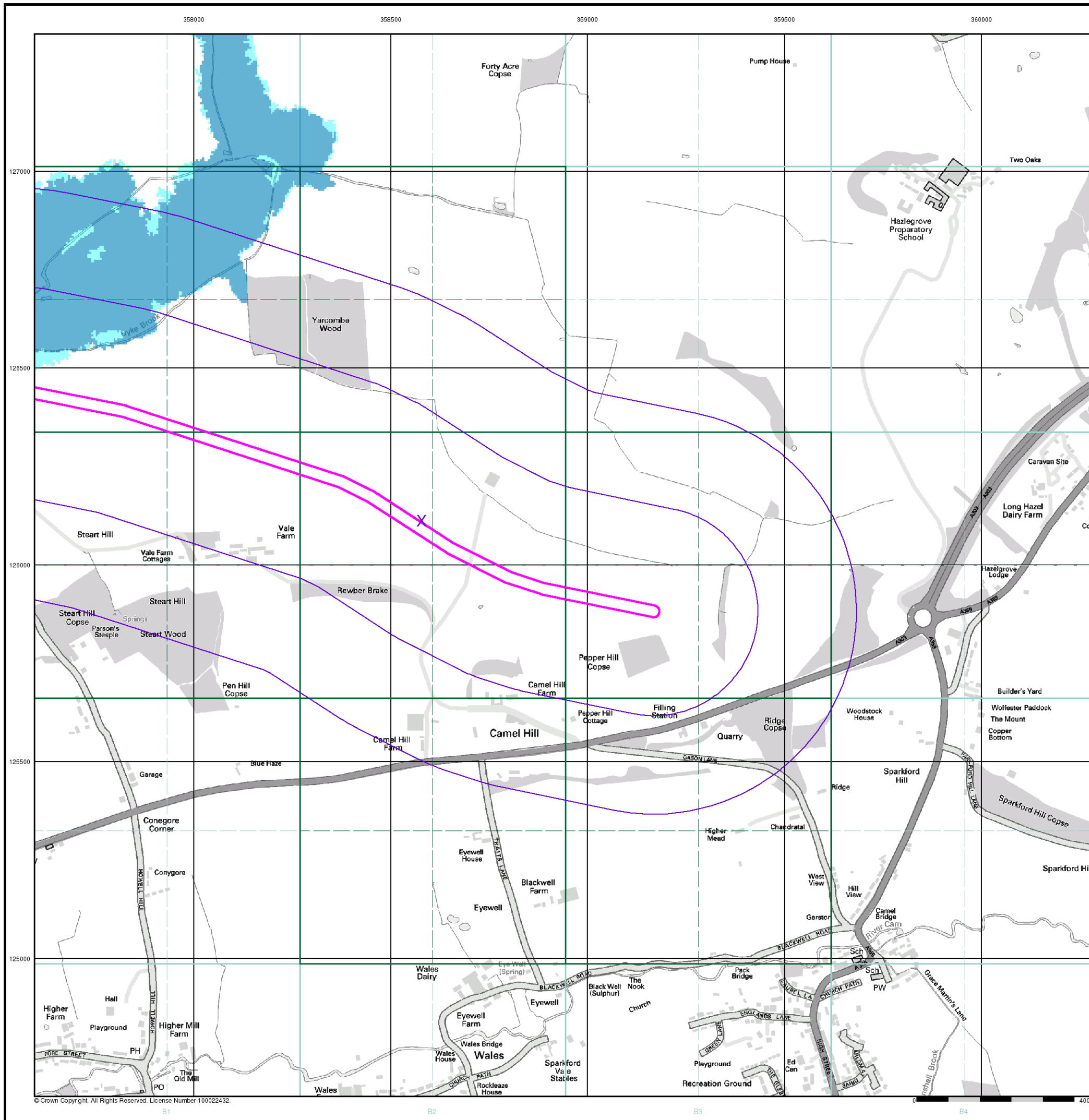


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 500






Site Details

Site at, Sparkford, Somerset








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General

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

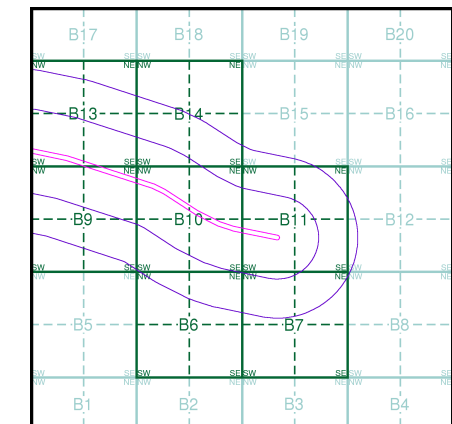
Agency and Hydrological (Boreholes)

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

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

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

Borehole Map - Slice B

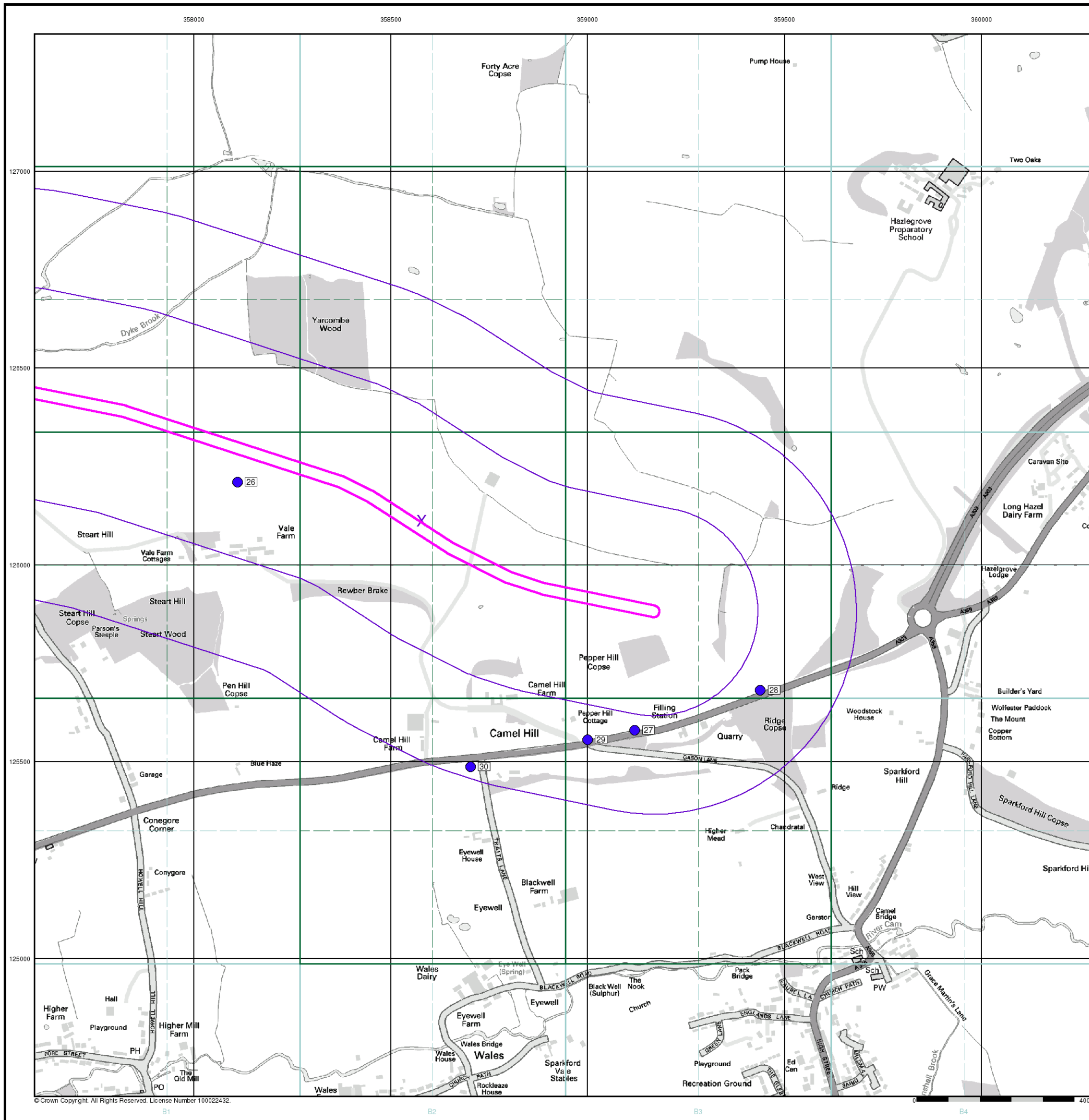


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 500

Site Details

Site at, Sparkford, Somerset









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


General

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

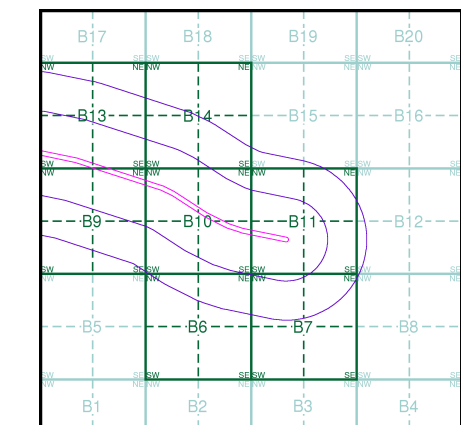
Detailed River Network Data

-  Primary River
-  Secondary River
-  Tertiary River
-  Canal
-  Canal Tunnel
-  Undefined River
-  Lake/Reservoir
-  Offline Drainage Feature
-  Extended Culvert (greater than 50m)
-  Underground River (inferred)
-  Underground River (local knowledge)
-  Downstream of High Water Mark
-  Downstream of Seaward Extension
-  Not assigned River feature

Contours (height in metres)

- Standard Contour  105
- Master Contour  100
- Spot Height  *167.3
-  MLW Mean Low Water
-  MHW Mean High Water

EANRW Detailed River Network Map - Slice B

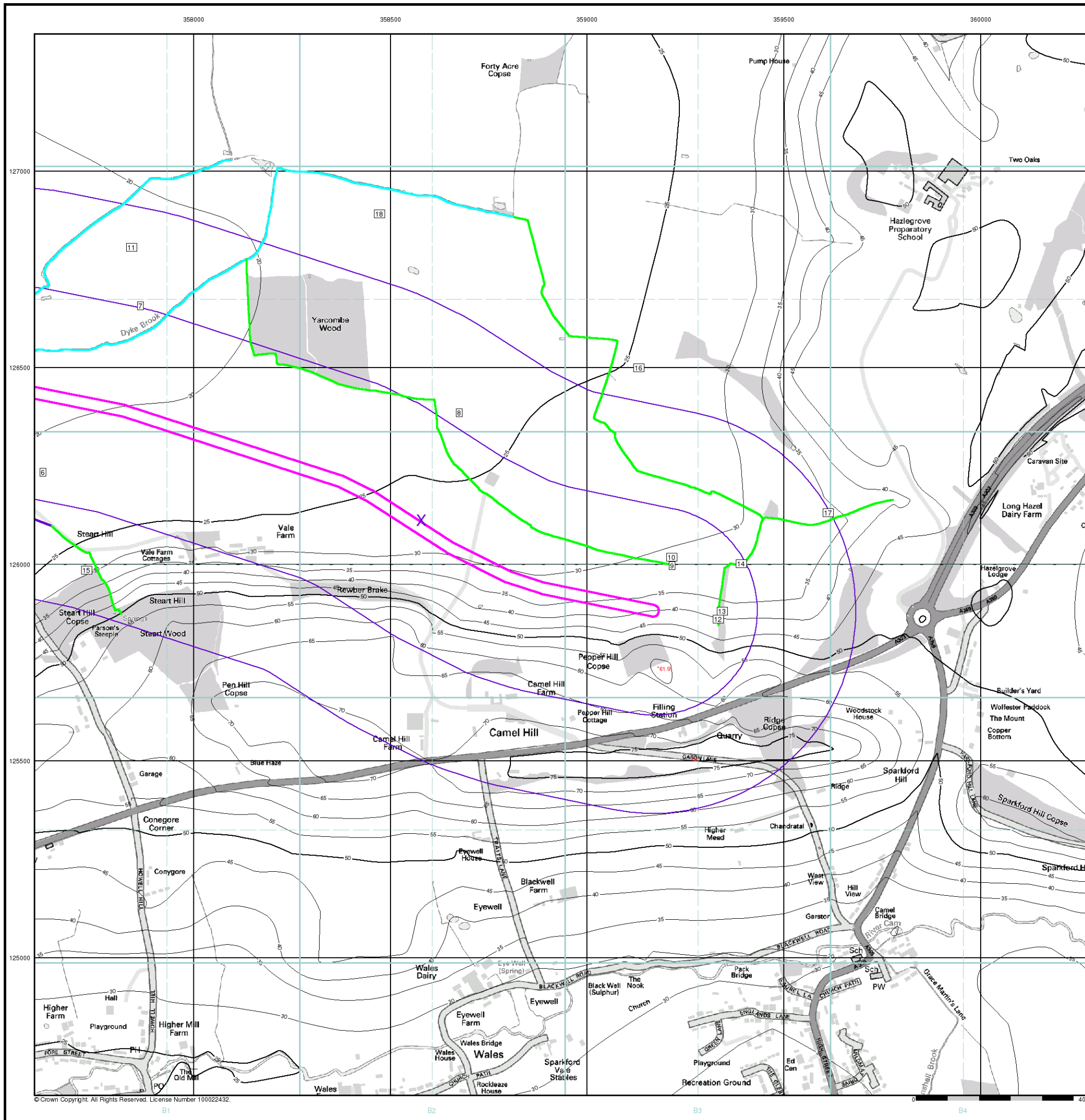


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 500




Site Details

Site at, Sparkford, Somerset



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General

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

Risk of Flooding from Surface Water

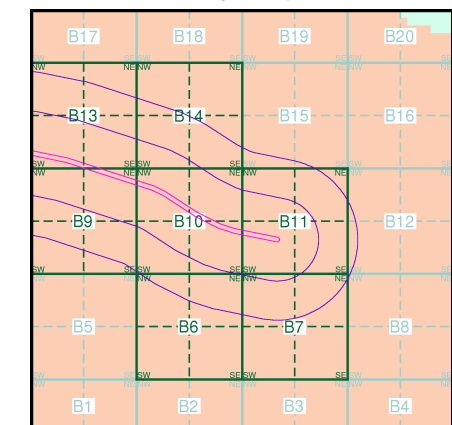
-  High - 30 Year Return
-  Medium - 100 Year Return
-  Low - 1000 Year Return

Suitability

See the suitability map below

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

EANRW Suitability Map - Slice B

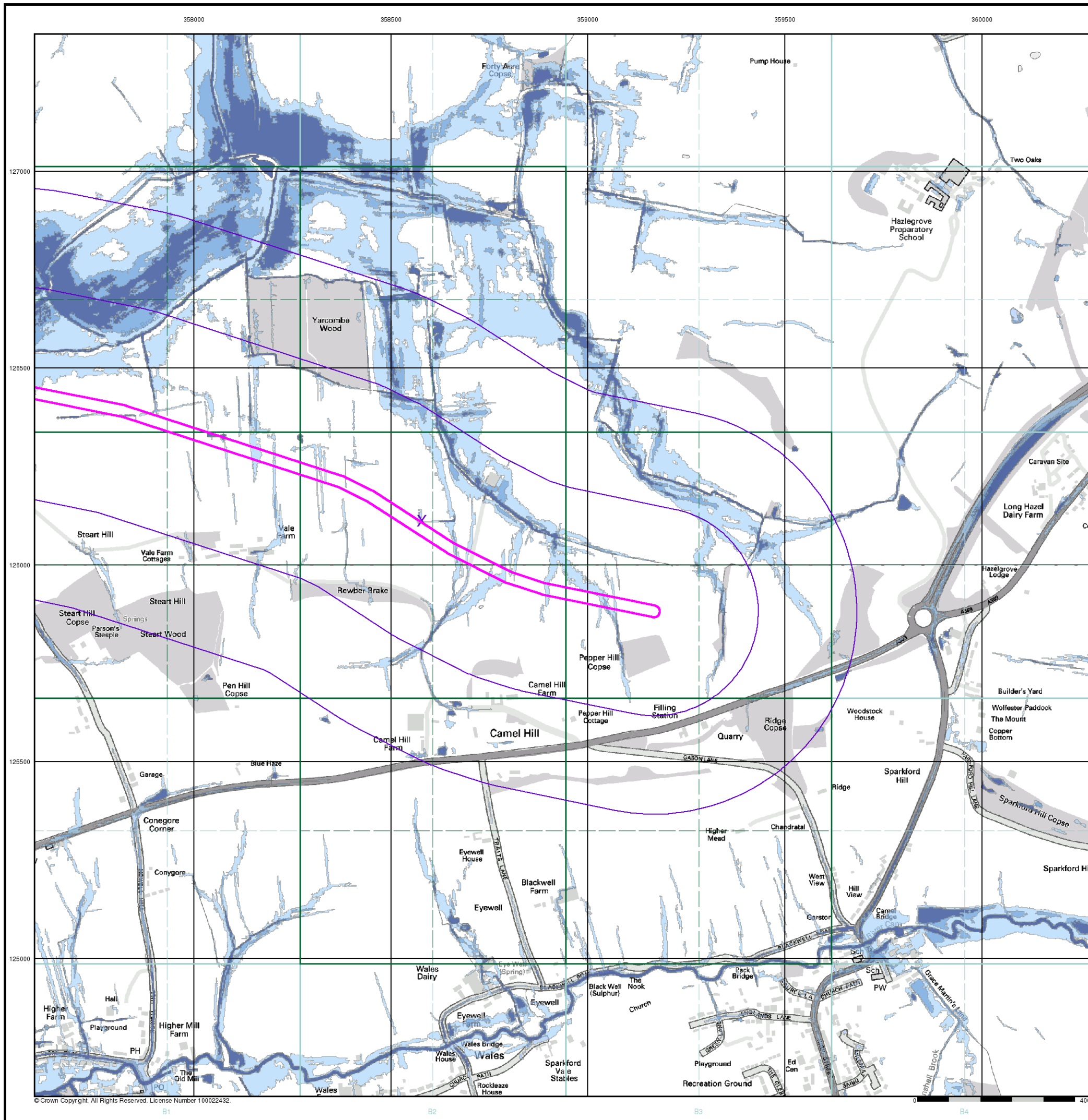


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 500

Site Details

Site at, Sparkford, Somerset



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Historical Mapping Legends

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

Quarry **Gravel Pit** **Sand Pit**
Clay Pit **Shingle** **Refuse Heap**
Sloping Masonry **Flat Rock**
Marsh **Reeds** **Osiers**
Rough Pasture **Furze** **Wood**
Mixed Wood **Brushwood** **Orchard**
Fir **Ford** **Stepping Stones**
Ferry **Waterfall** **Lock**
Trig. Station **Altitude at Trig. Station**
B.M. 325.9 **Bench Mark** **Surface Level**
Arrow denotes flow of water **Antiquities (site of)**
Cutting **Embankment**
Railway crossing Road **Level Crossing** **Road crossing Railway**
Railway crossing River or Canal **Road over single stream** **Road over River or Canal**
County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
County Borough Boundary (England)
County Burgh Boundary (Scotland)
Co. Boro. Bdy.
Co. Burgh Bdy.
BP BS Boundary Post or Stone **P.C.B** Police Call Box
B.R. Bridle Road **P** Pump
E.P Electricity Pylon **S.P** Signal Post
F.B. Foot Bridge **SL** Sluice
F.P. Foot Path **Sp.** Spring
G.P Guide Post or Board **T.C.B** Telephone Call Box
M.S Mile Stone **Tr.** Trough
M.P M.R Mooring Post or Ring **W** Well

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

Inactive Quarry, Chalk Pit or Clay Pit **Active Quarry, Chalk Pit or Clay Pit**
Rock **Boulders**
Cliff **Slopes** **Top**
Roofed Building **Glazed Roof Building**
Sloping Masonry **Archway**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Bench Mark** **Antiquity (site of)**
Cave Entrance **Triangulation Station** **Electricity Pylon**
Electricity Transmission Line
County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
London Borough Boundary
Symbol marking point where boundary mereing changes
BH Beer House **P** Pillar, Pole or Post
BP, BS Boundary Post or Stone **PO** Post Office
Cn, C Capstan, Crane **PC** Public Convenience
Chy Chimney **PH** Public House
D Fn Drinking Fountain **Pp** Pump
EI P Electricity Pillar or Post **SB, S Br** Signal Box or Bridge
FAP Fire Alarm Pillar **SP, SL** Signal Post or Light
FB Foot Bridge **Spr** Spring
GP Guide Post **Tk** Tank or Track
H Hydrant or Hydraulic **TCB** Telephone Call Box
LC Level Crossing **TCP** Telephone Call Post
MH Manhole **Tr** Trough
MP Mile Post or Mooring Post **Wr Pt, Wr T** Water Point, Water Tap
MS Mile Stone **W** Well
NTL Normal Tidal Limit **Wd Pp** Wind Pump

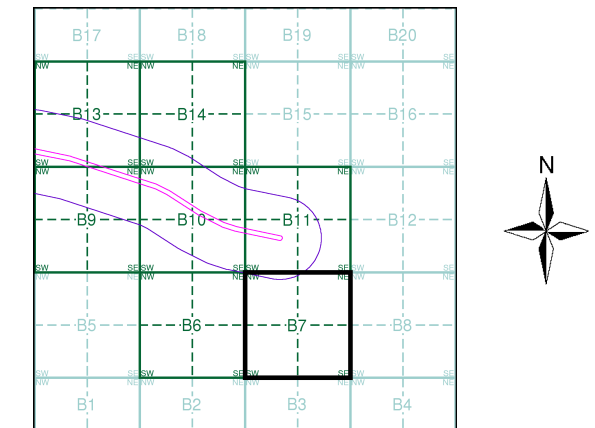
Large-Scale National Grid Data 1:2,500 and 1:1,250

Cliff **Slopes** **Top**
Rock **Rock (scattered)**
Boulders **Boulders (scattered)**
Positioned Boulder **Scree**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Triangulation Station** **Antiquity (site of)**
Electricity Transmission Line **Electricity Pylon**
B.M. 231.60m Bench Mark **Buildings with Building Seed**
Roofed Building **Glazed Roof Building**
Civil parish/community boundary
District boundary
County boundary
Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)
Bks Barracks **P** Pillar, Pole or Post
Bty Battery **PO** Post Office
Cemy Cemetery **PC** Public Convenience
Chy Chimney **Pp** Pump
Cis Cistern **Ppg Sta** Pumping Station
Dismtd Rly Dismantled Railway **PW** Place of Worship
EI Gen Sta Electricity Generating Station **Sewage Ppg Sta** Sewage Pumping Station
EI P Electricity Pole, Pillar **SB, S Br** Signal Box or Bridge
EI Sub Sta Electricity Sub Station **SP, SL** Signal Post or Light
FB Filter Bed **Spr** Spring
Fn / D Fn Fountain / Drinking Ftn. **Tk** Tank or Track
Gas Gov Gas Valve Compound **Tr** Trough
GVC Gas Governor **Wd Pp** Wind Pump
GP Guide Post **Wr Pt, Wr T** Water Point, Water Tap
MH Manhole **Wks** Works (building or area)
MP, MS Mile Post or Mile Stone **W** Well

Grontmij
 Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Somerset	1:2,500	1887	2
Somerset	1:2,500	1903	3
Ordnance Survey Plan	1:2,500	1975	4
Additional SIMs	1:2,500	1981 - 1990	5
Large-Scale National Grid Data	1:2,500	1995	6
Large-Scale National Grid Data	1:2,500	1996	7

Historical Map - Segment B7



Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset

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

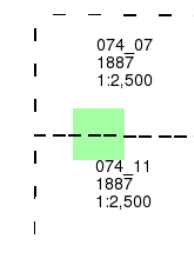
Somerset

Published 1887

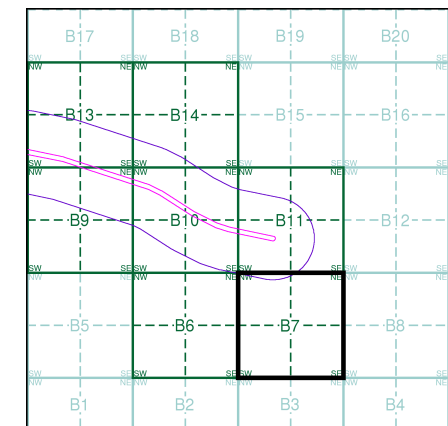
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment B7

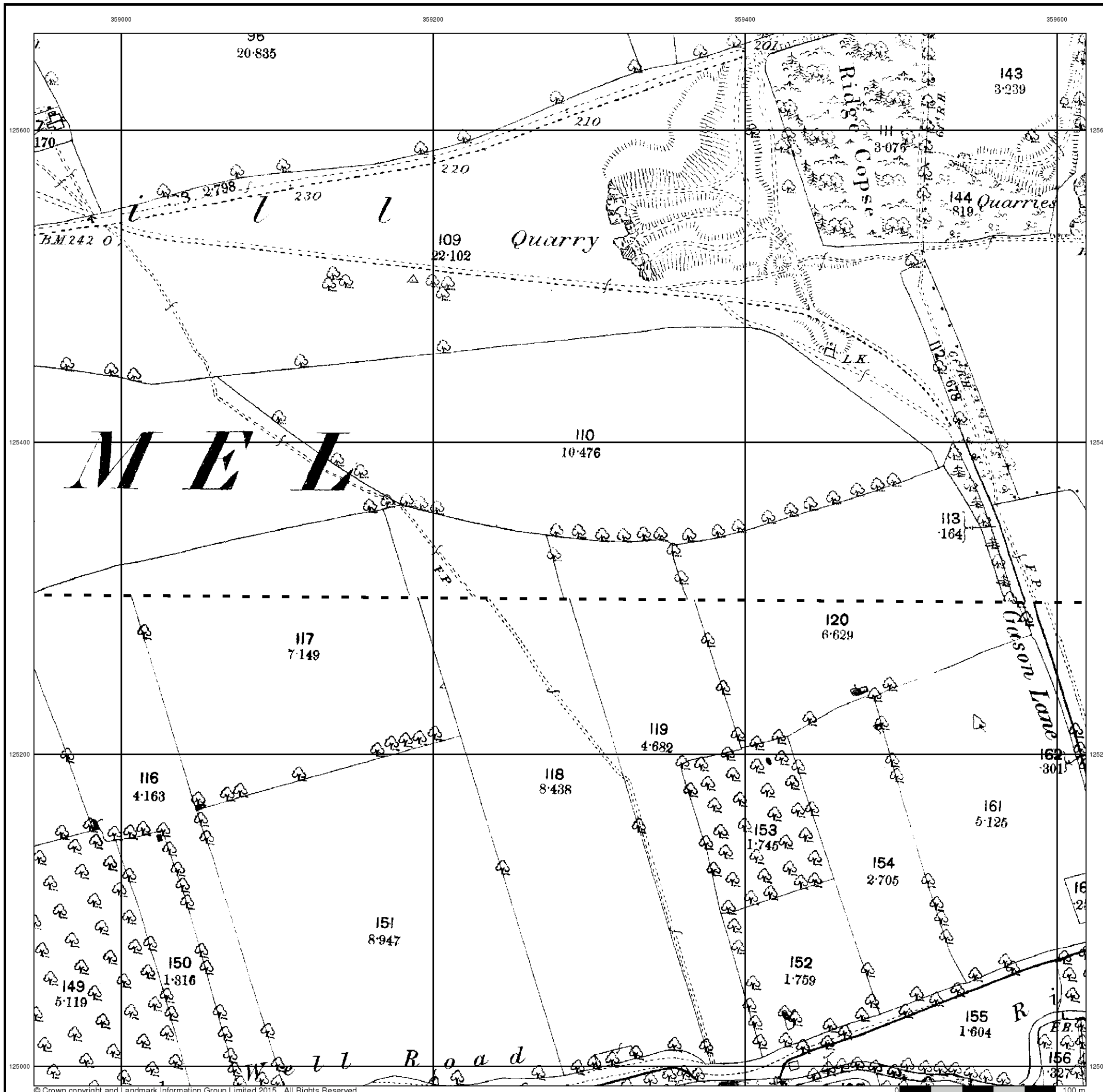


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset



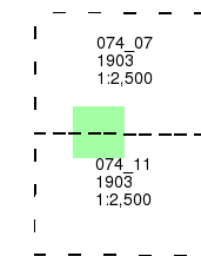
Somerset

Published 1903

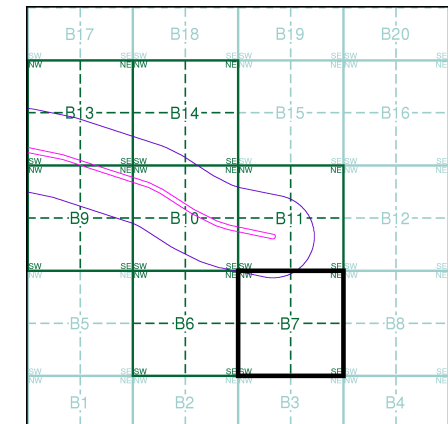
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment B7

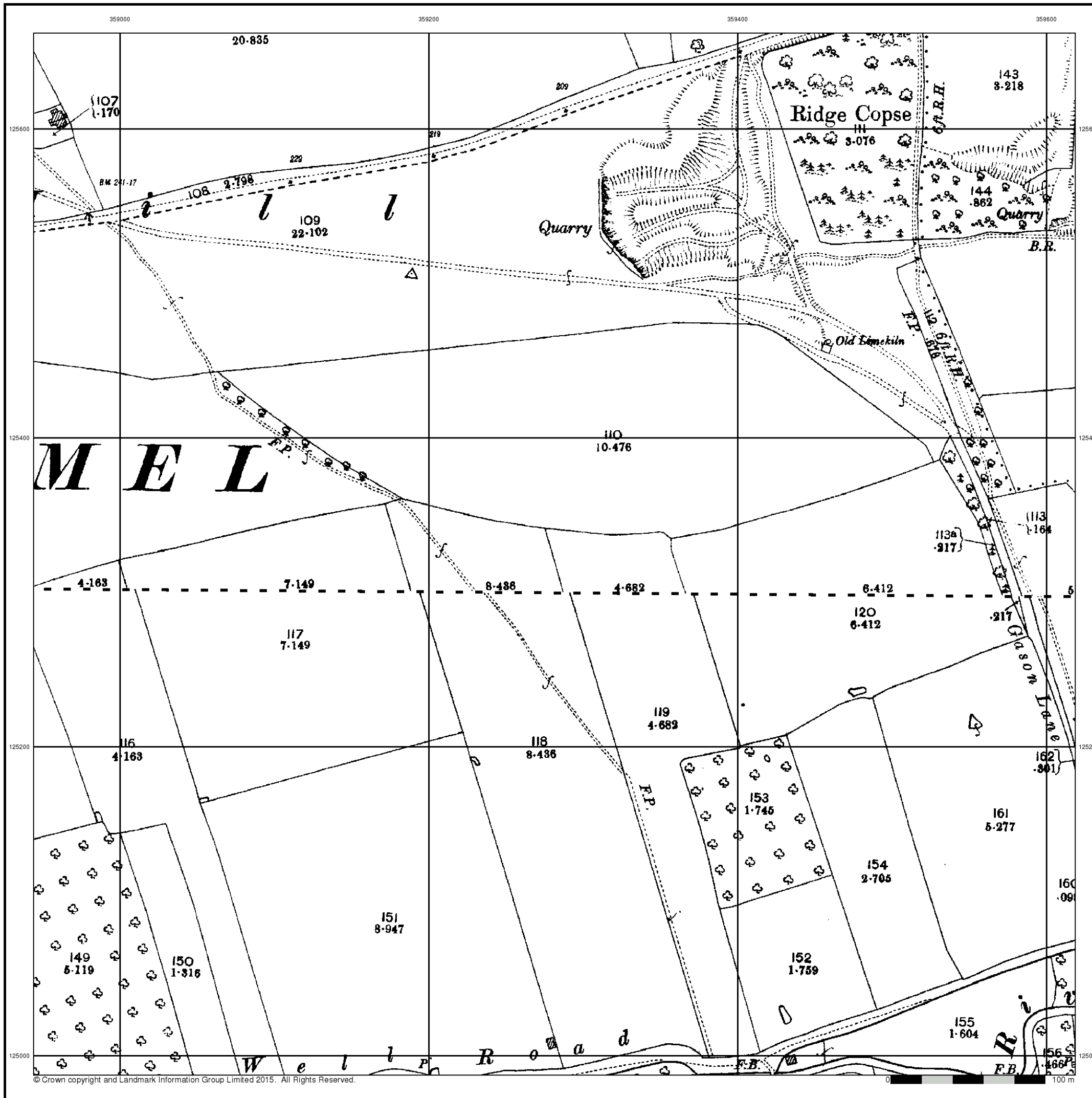


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset



Ordnance Survey Plan

Published 1975

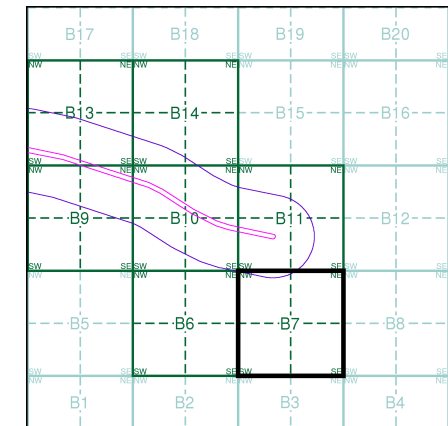
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

ST5825 1975 12,500	ST5925 1975 12,500
ST5824 1975 12,500	ST5924 1975 12,500

Historical Map - Segment B7

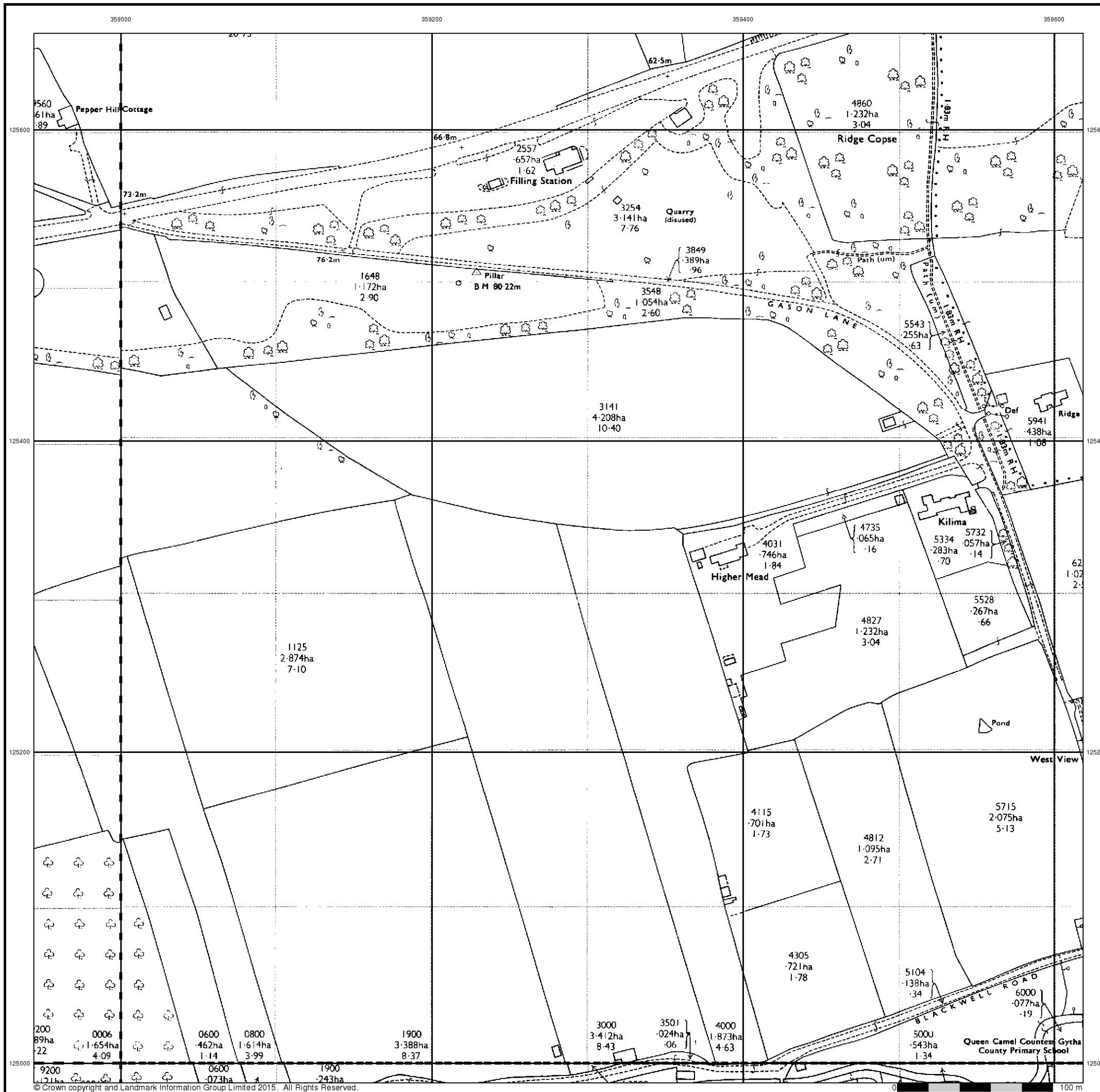


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset



Additional SIMs

Published 1981 - 1990

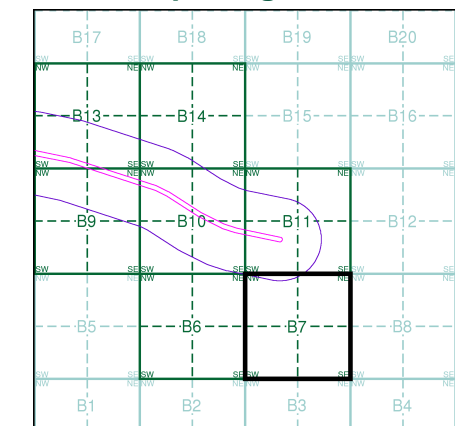
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

ST5925	1990	1:2,500
ST5924	1981	1:2,500

Historical Map - Segment B7

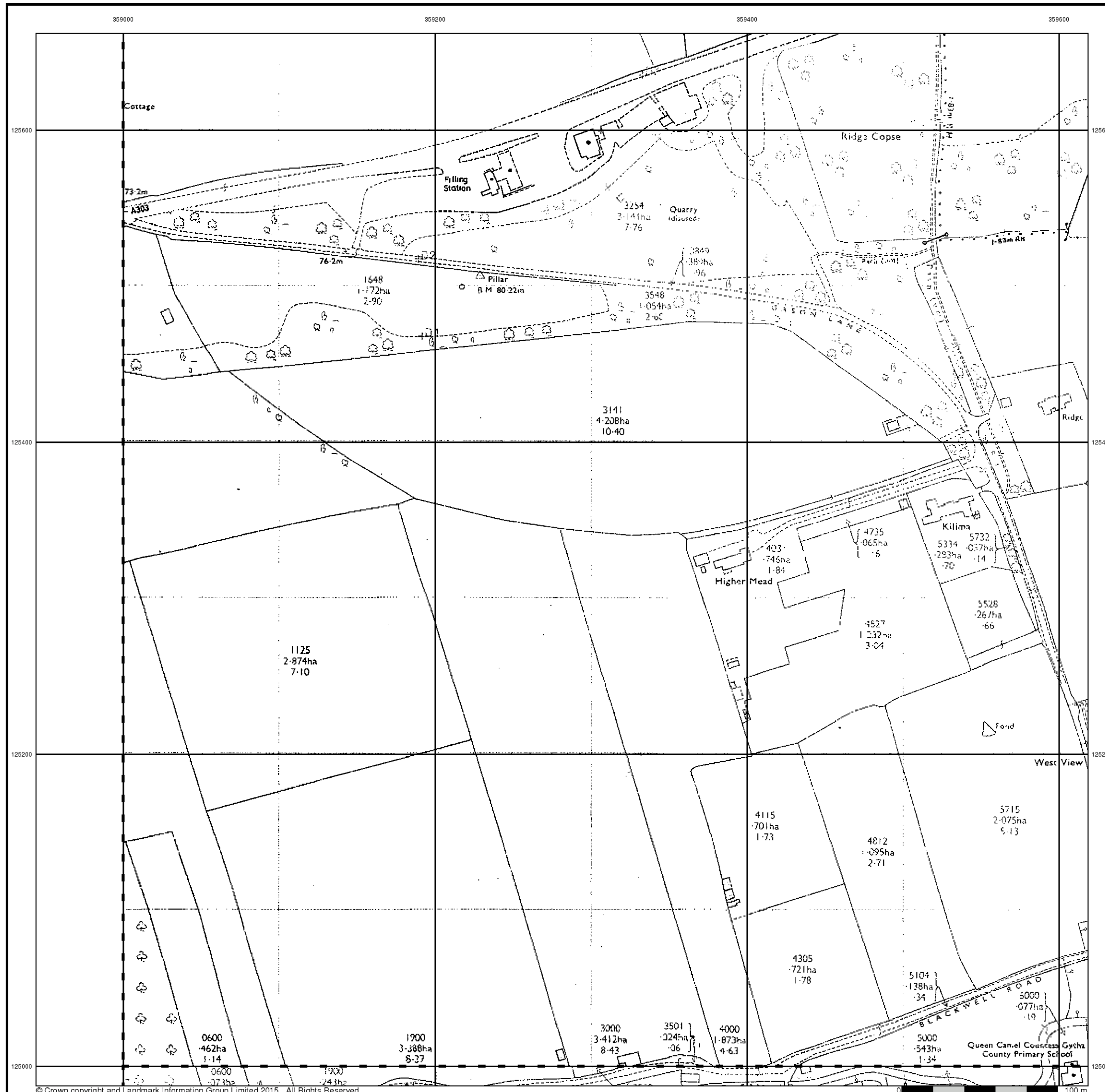


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset



Large-Scale National Grid Data

Published 1995

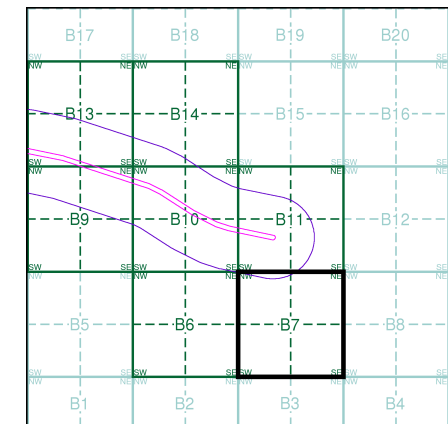
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

ST5825 1995 1:2,500	ST5925 1995 1:2,500
ST5824 1995 1:2,500	ST5924 1995 1:2,500

Historical Map - Segment B7

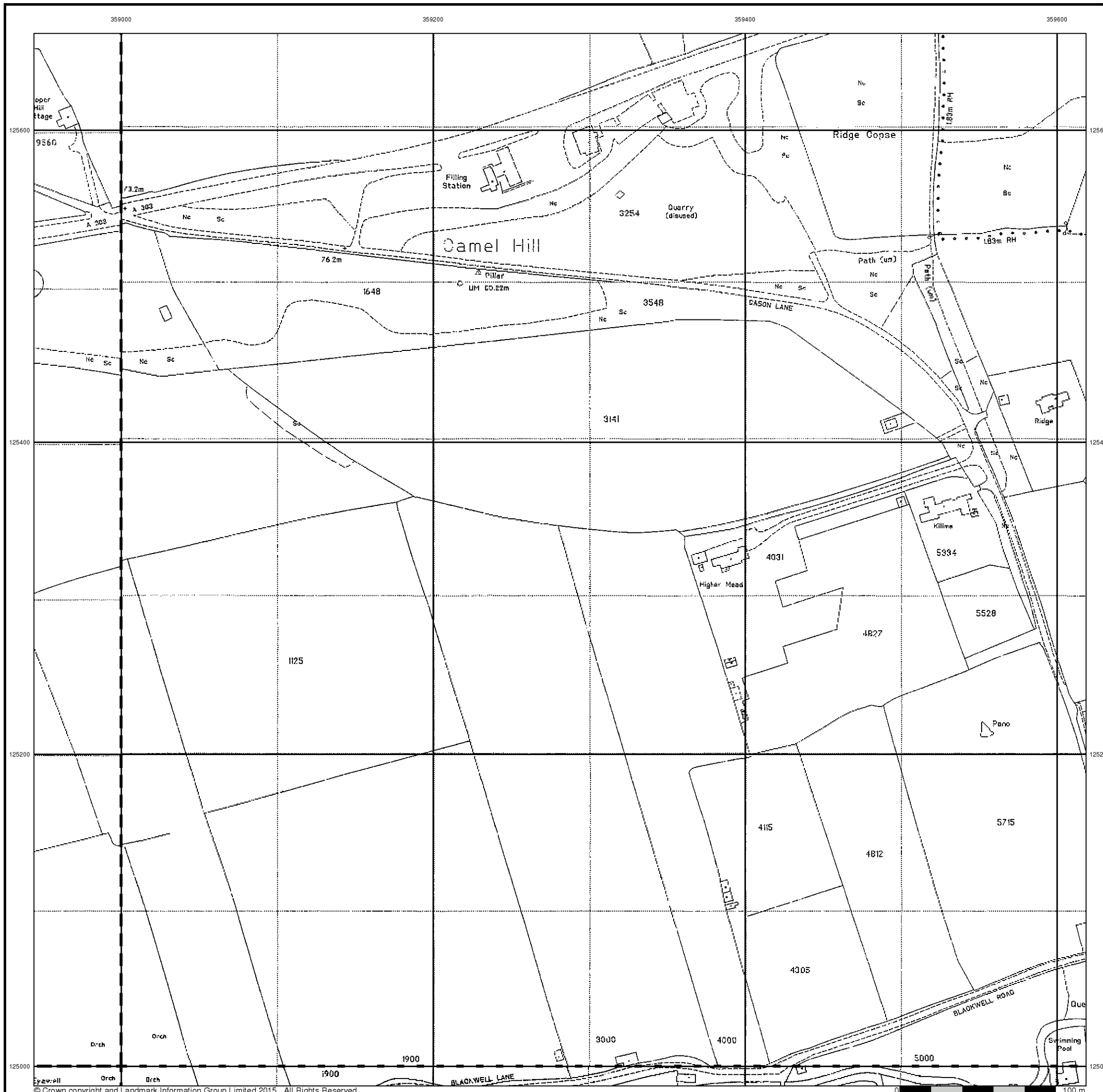


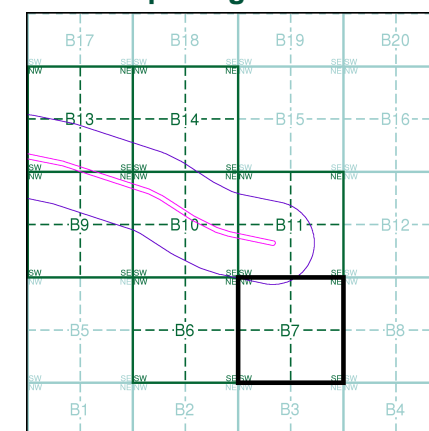
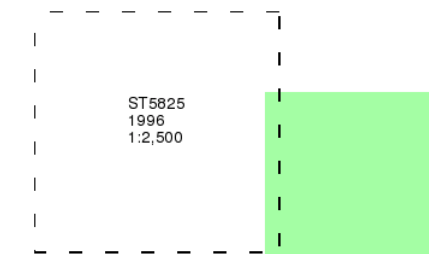
Order Details

Order Number: 79579301_1_1
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 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset



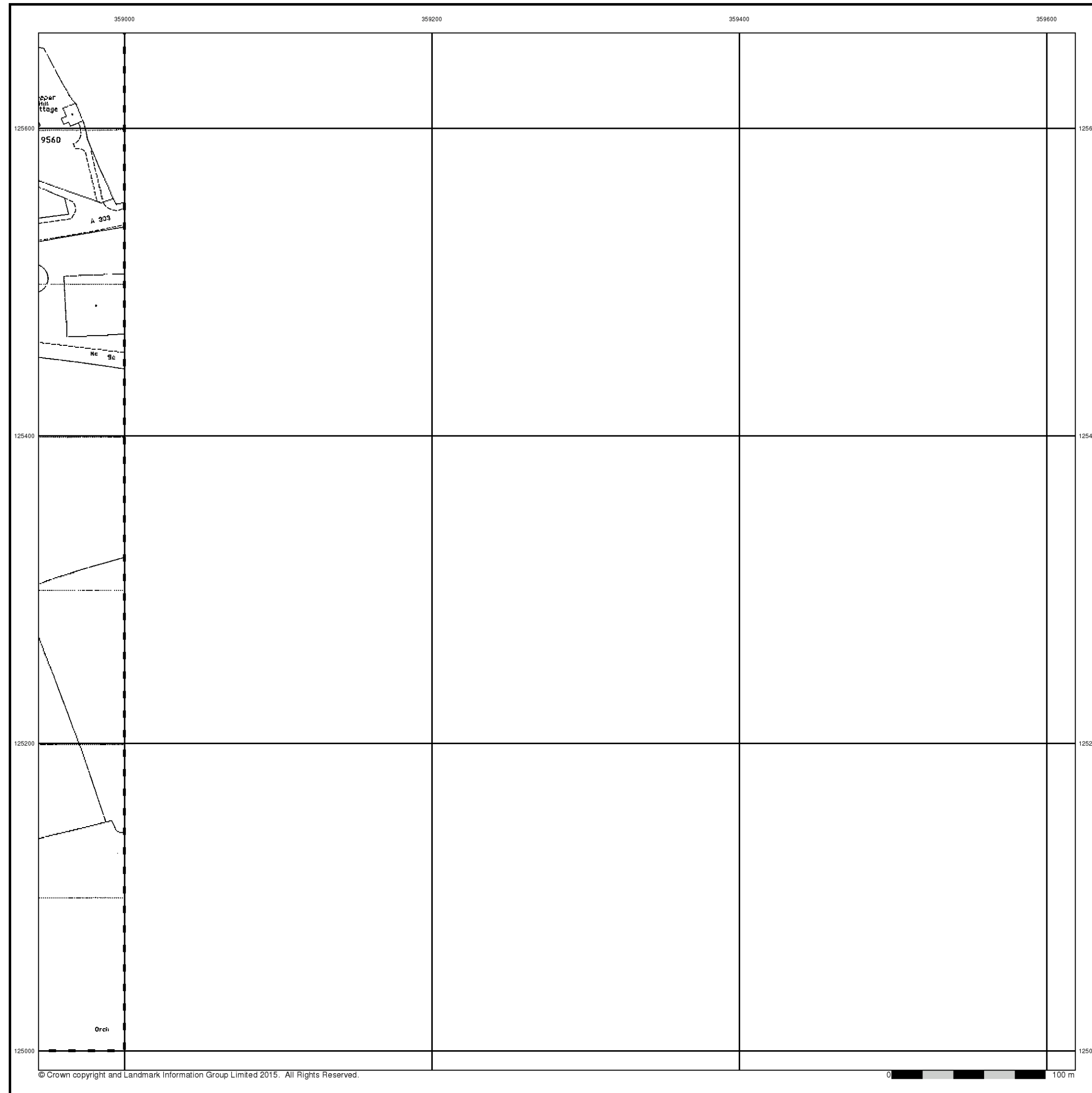


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset



Historical Mapping Legends

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

Quarry **Gravel Pit** **Sand Pit**
Clay Pit **Shingle** **Refuse Heap**
Sloping Masonry **Flat Rock**
Marsh **Reeds** **Osiers**
Rough Pasture **Furze** **Wood**
Mixed Wood **Brushwood** **Orchard**
Fir **Ford** **Stepping Stones**
Ferry **Waterfall** **Lock**
Trig. Station **Altitude at Trig. Station**
B.M. 325.9 **Bench Mark** **Surface Level**
Arrow denotes flow of water **Antiquities (site of)**
Cutting **Embankment**
Railway crossing Road **Level Crossing** **Road crossing Railway**
Railway crossing River or Canal **Road over single stream** **Road over River or Canal**
County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
County Borough Boundary (England)
County Burgh Boundary (Scotland)
Boundary Post or Stone **Police Call Box**
B.R. **Bridle Road** **P** **Pump**
E.P. **Electricity Pylon** **S.P.** **Signal Post**
F.B. **Foot Bridge** **Sl.** **Sluice**
F.P. **Foot Path** **Sp.** **Spring**
G.P. **Guide Post or Board** **T.C.B.** **Telephone Call Box**
M.S. **Mile Stone** **Tr.** **Trough**
M.P. M.R. **Mooring Post or Ring** **W** **Well**

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

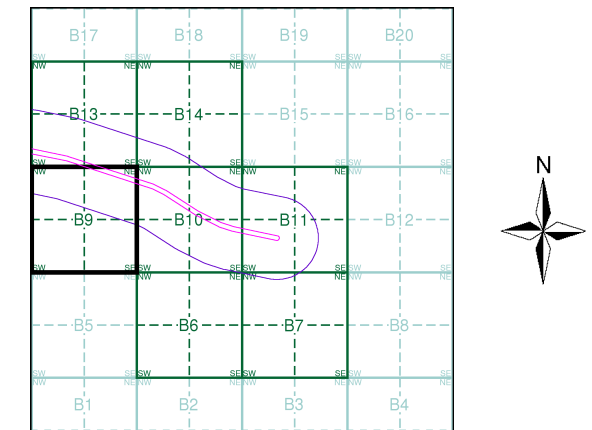
Inactive Quarry, Chalk Pit or Clay Pit **Active Quarry, Chalk Pit or Clay Pit**
Rock **Boulders**
Cliff **Slopes** **Top**
Roofed Building **Glazed Roof Building**
Sloping Masonry **Archway**
Roofed Building **Glazed Roof Building**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Bench Mark** **Antiquity (site of)**
Cave Entrance **Triangulation Station** **Electricity Pylon**
Electricity Transmission Line
County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
London Borough Boundary
Symbol marking point where boundary mereing changes
BH **Beer House** **P** **Pillar, Pole or Post**
BP, BS **Boundary Post or Stone** **PO** **Post Office**
Cn, C **Capstan, Crane** **PC** **Public Convenience**
Chy **Chimney** **PH** **Public House**
D Fn **Drinking Fountain** **Pp** **Pump**
EI P **Electricity Pillar or Post** **SB, S Br** **Signal Box or Bridge**
FAP **Fire Alarm Pillar** **SP, SL** **Signal Post or Light**
FB **Foot Bridge** **Spr** **Spring**
GP **Guide Post** **Tk** **Tank or Track**
H **Hydrant or Hydraulic** **TCB** **Telephone Call Box**
LC **Level Crossing** **TCP** **Telephone Call Post**
MH **Manhole** **Tr** **Trough**
MP **Mile Post or Mooring Post** **Wr Pt, Wr T** **Water Point, Water Tap**
MS **Mile Stone** **W** **Well**
NTL **Normal Tidal Limit** **Wd Pp** **Wind Pump**

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

Cliff **Slopes** **Top**
Rock **Rock (scattered)**
Boulders **Boulders (scattered)**
Positioned Boulder **Scree**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Triangulation Station** **Antiquity (site of)**
Electricity Transmission Line **Electricity Pylon**
BM 231.60m **Bench Mark** **Buildings with Building Seed**
Roofed Building **Glazed Roof Building**
Civil parish/community boundary
District boundary
County boundary
Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)
Bks **Barracks** **P** **Pillar, Pole or Post**
Bty **Battery** **PO** **Post Office**
Cemy **Cemetery** **PC** **Public Convenience**
Chy **Chimney** **Pp** **Pump**
Cis **Cistern** **Ppg Sta** **Pumping Station**
Dismtd Rly **Dismantled Railway** **PW** **Place of Worship**
EI Gen Sta **Electricity Generating Station** **Sewage Ppg Sta** **Sewage Pumping Station**
EI P **Electricity Pole, Pillar** **SB, S Br** **Signal Box or Bridge**
EI Sub Sta **Electricity Sub Station** **SP, SL** **Signal Post or Light**
FB **Filter Bed** **Spr** **Spring**
Fn / D Fn **Fountain / Drinking Ftn.** **Tk** **Tank or Track**
Gas Gov **Gas Valve Compound** **Tr** **Trough**
GVC **Gas Governor** **Wd Pp** **Wind Pump**
GP **Guide Post** **Wr Pt, Wr T** **Water Point, Water Tap**
MH **Manhole** **Wks** **Works (building or area)**
MP, MS **Mile Post or Mile Stone** **W** **Well**

Mapping Type	Scale	Date	Pg
Somerset	1:2,500	1887	2
Somerset	1:2,500	1903	3
Ordnance Survey Plan	1:2,500	1975	4
Large-Scale National Grid Data	1:2,500	1995	5
Large-Scale National Grid Data	1:2,500	1996	6

Historical Map - Segment B9



Order Details

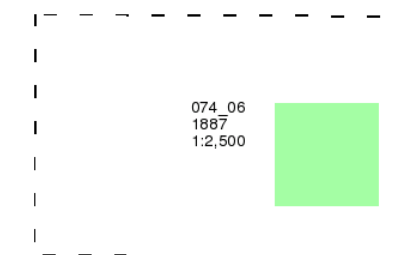
Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

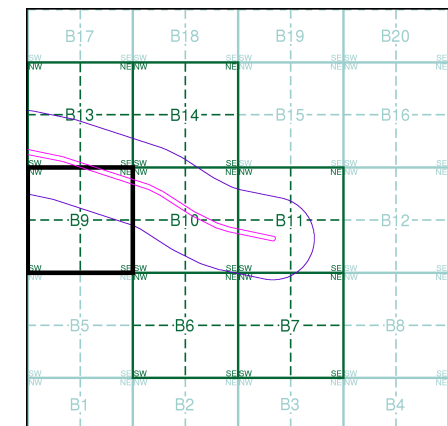
Site at, Sparkford, Somerset

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

Map Name(s) and Date(s)



Historical Map - Segment B9

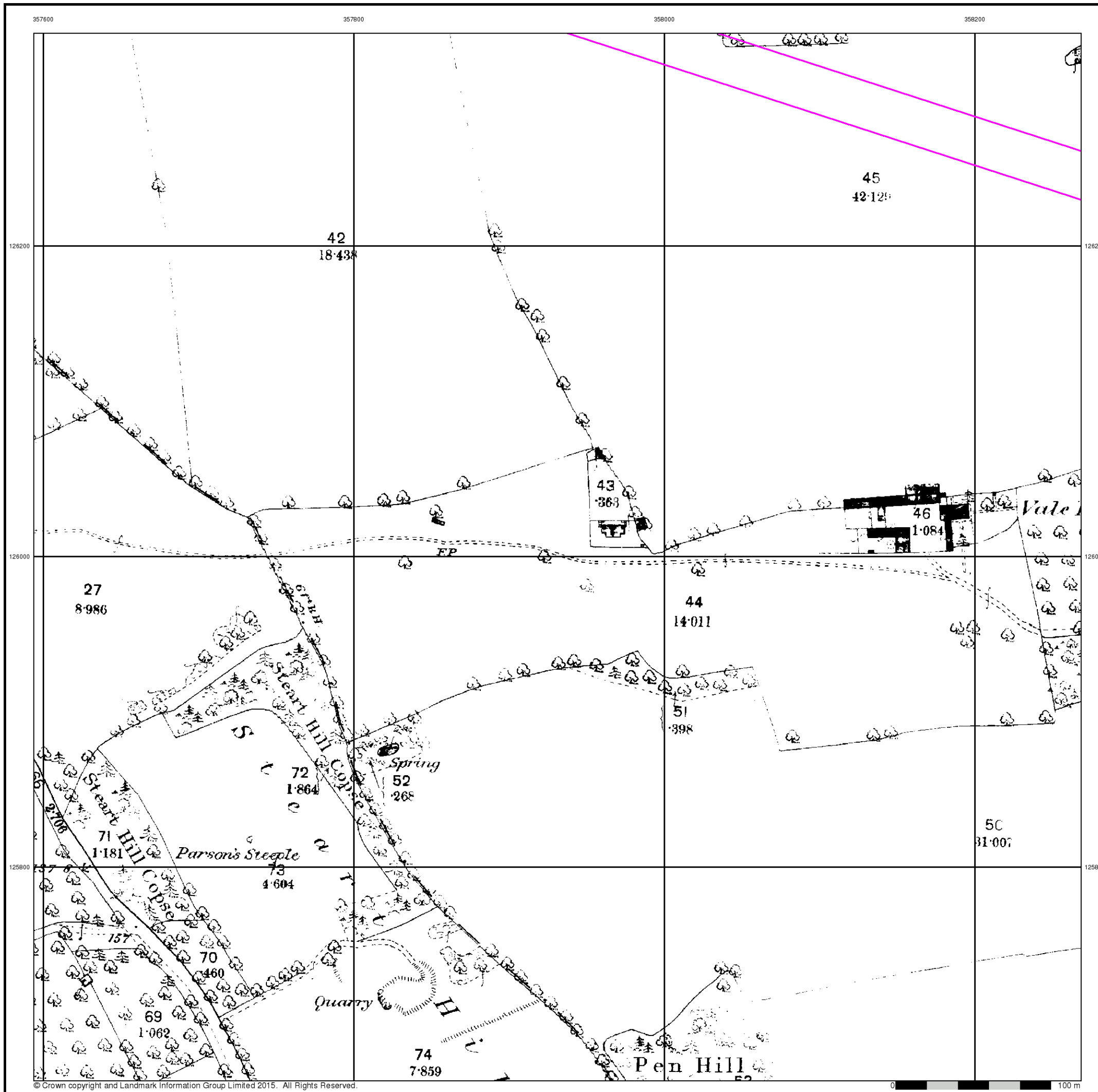


Order Details

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 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
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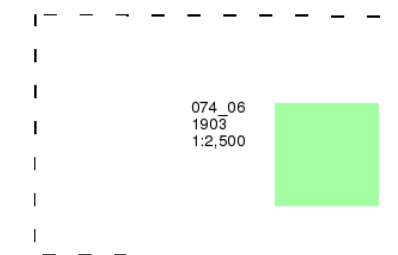
Site Details

Site at, Sparkford, Somerset

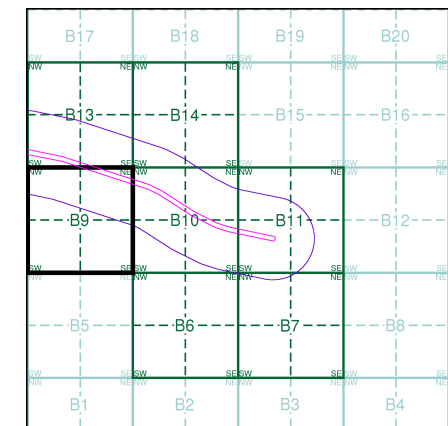


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain.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

Map Name(s) and Date(s)



Historical Map - Segment B9

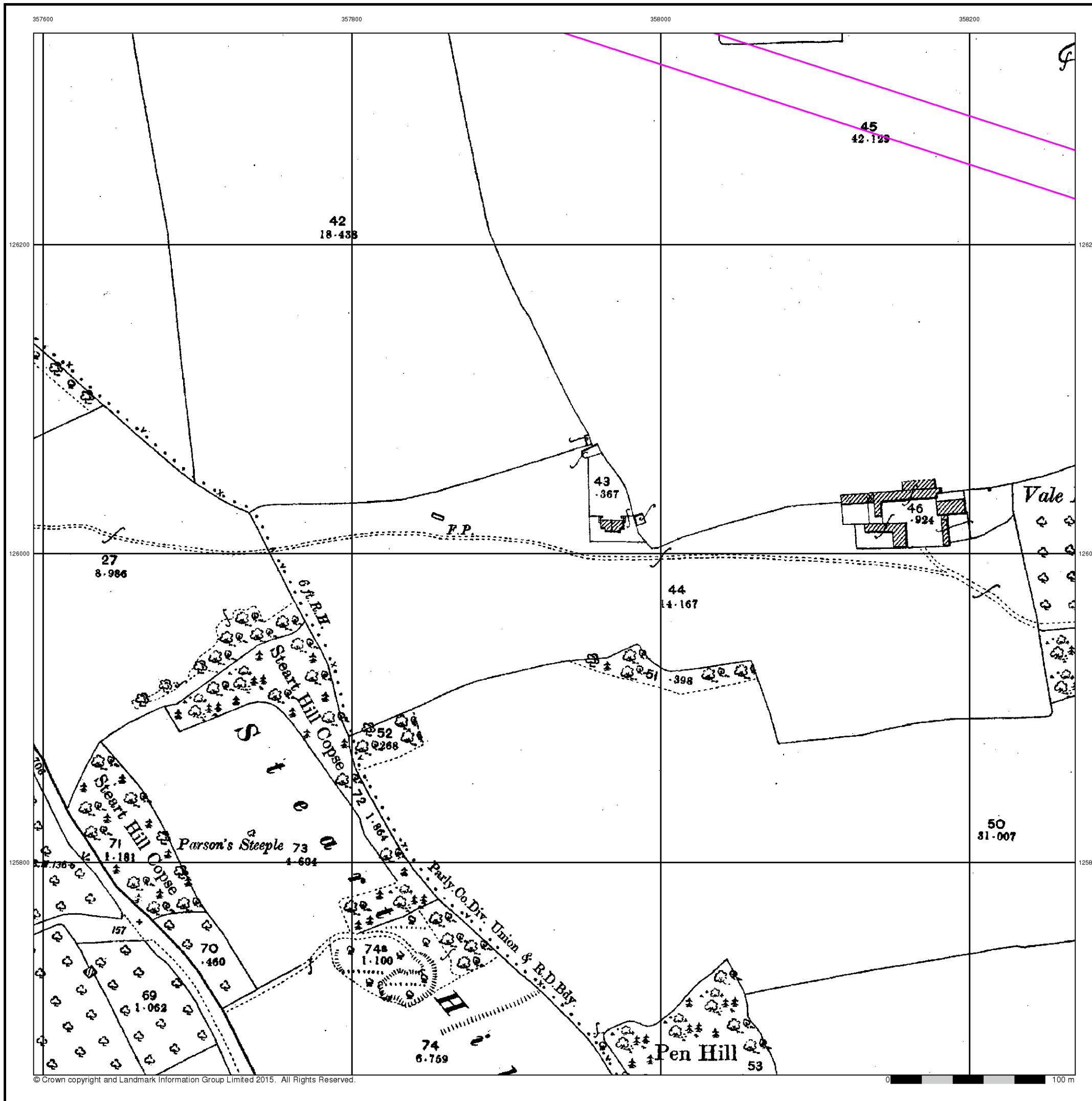


Order Details

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 Slice: B
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Site Details

Site at, Sparkford, Somerset

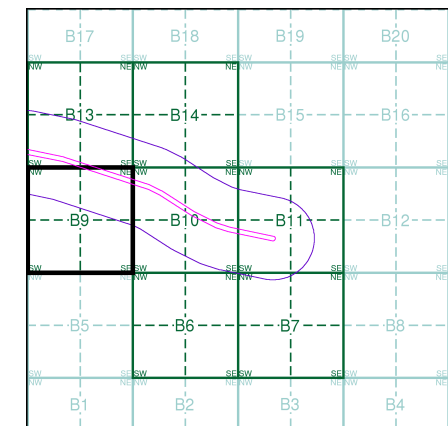


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain.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

Map Name(s) and Date(s)

ST5726 1975 12,500	ST5826 1975 12,500
ST5725 1975 12,500	ST5825 1975 12,500

Historical Map - Segment B9

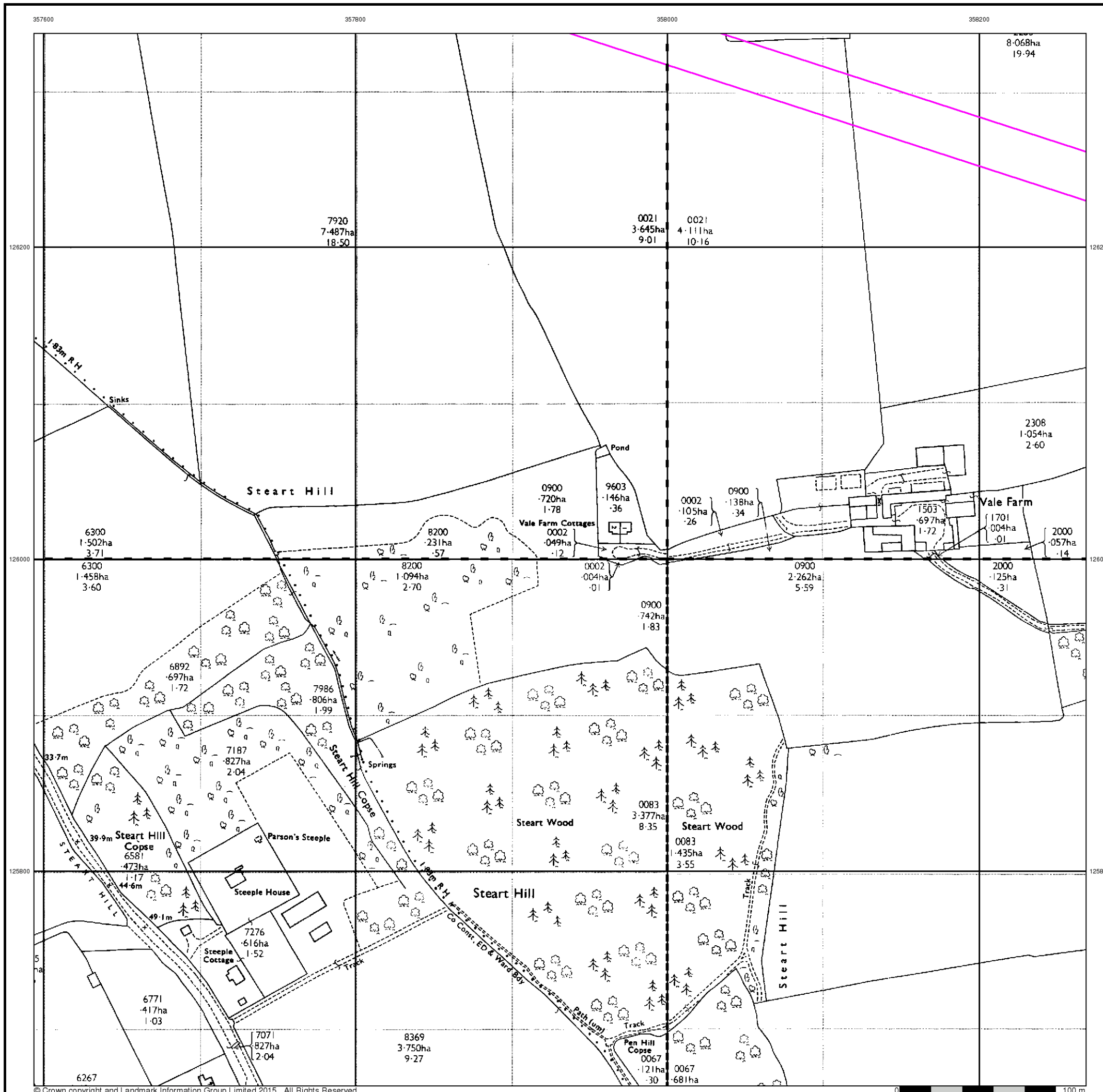


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset

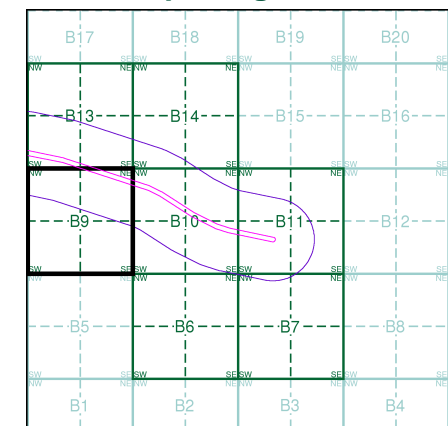


'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic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

Map Name(s) and Date(s)

ST5726	ST5826
1995	1995
12,500	12,500
ST5725	ST5825
1995	1995
12,500	12,500

Historical Map - Segment B9

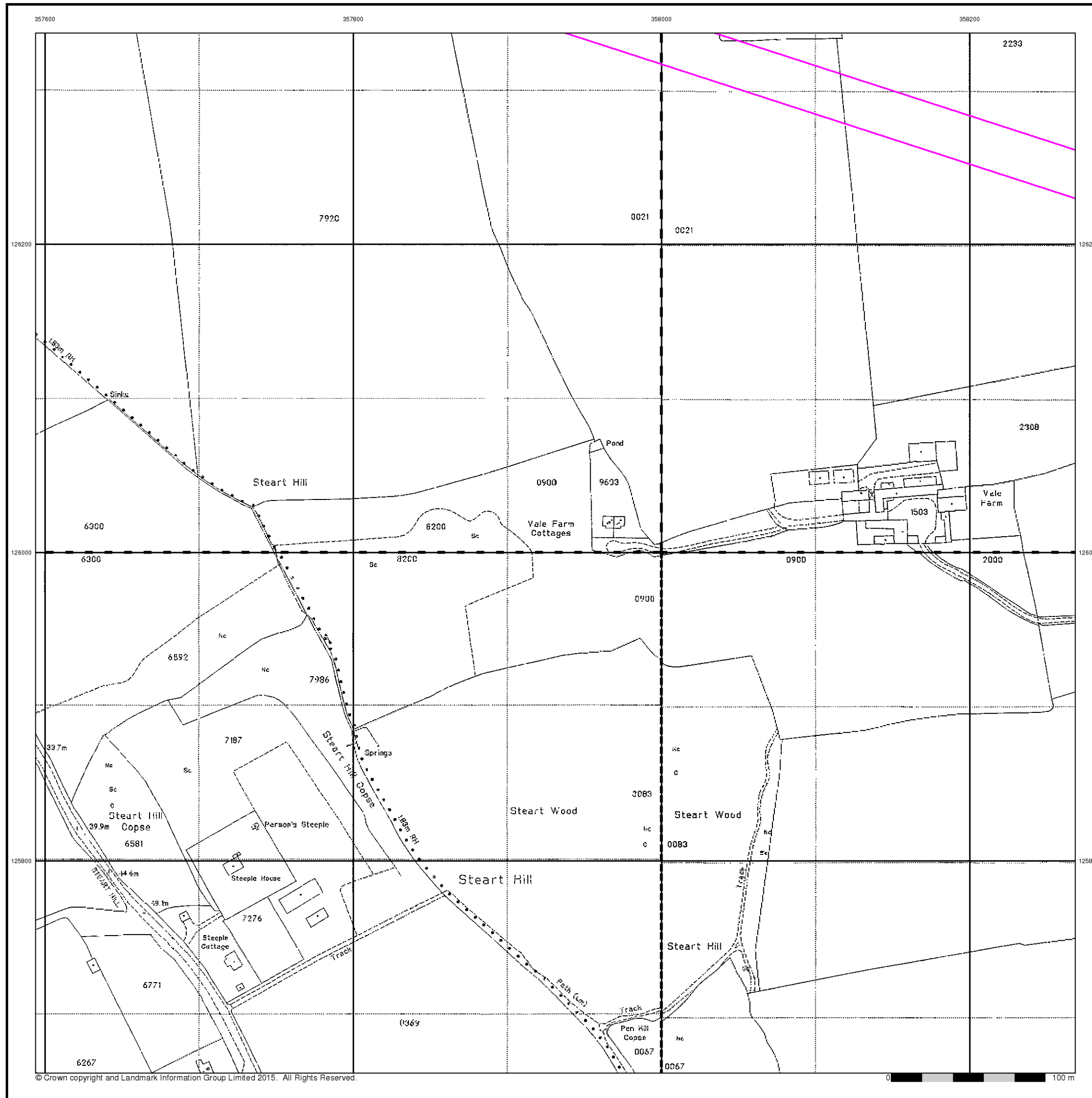


Order Details

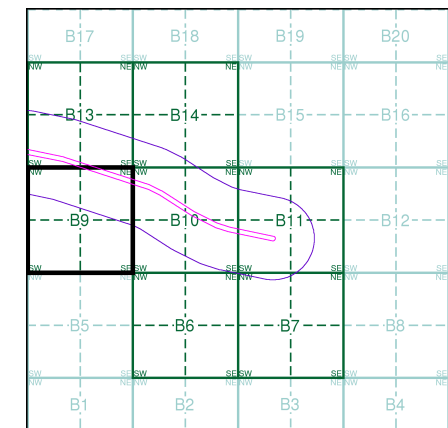
Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset



ST5726	1996	12,500
ST5725	1996	12,500
ST5825	1996	12,500

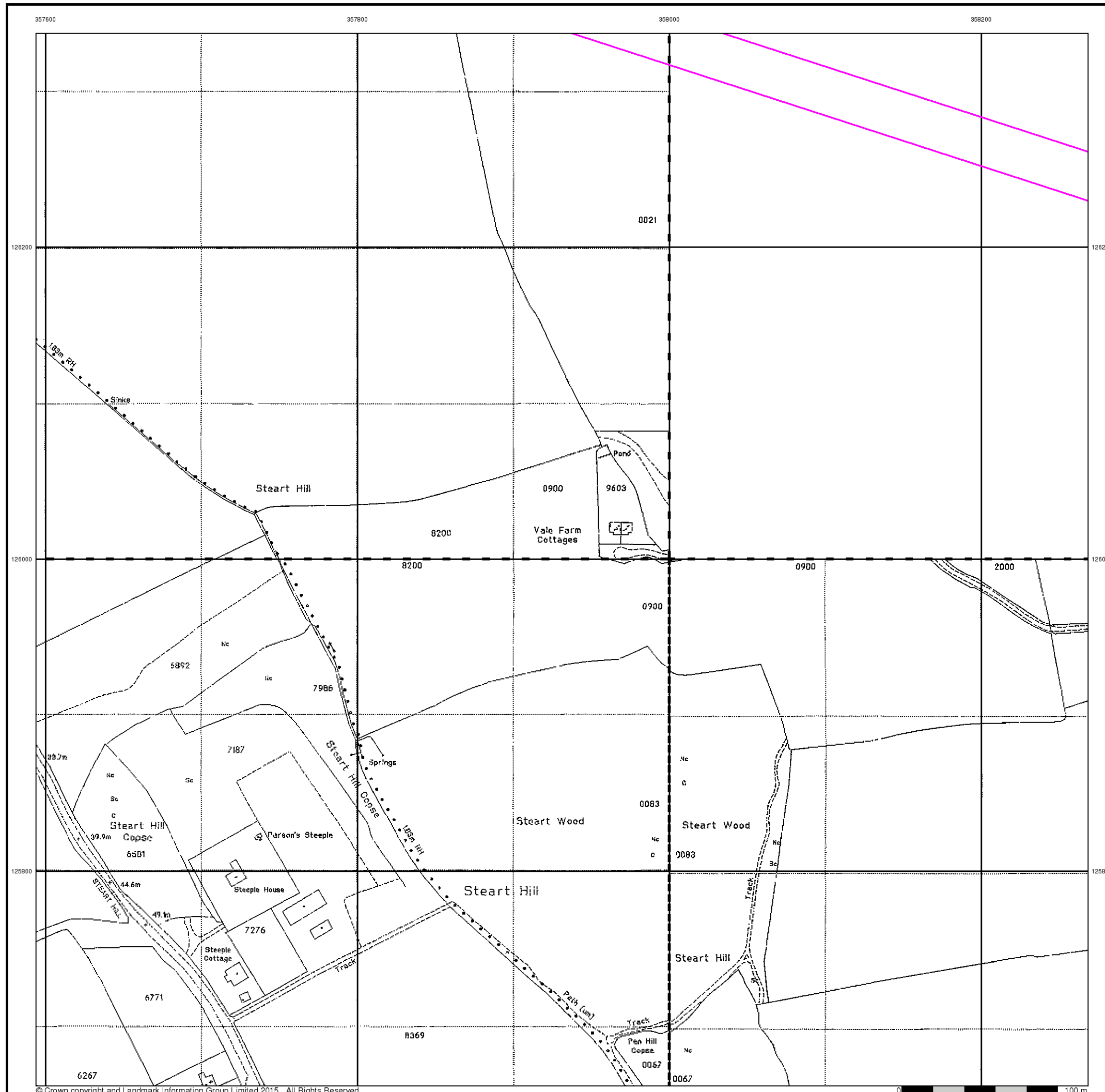


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset



Index Map

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

Slice

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

Segment

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

Quadrant

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

A selection of organisations who provide data within this report:



Envirocheck reports are compiled from 136 different sources of data.

Client Details

Ms L Cottrell, Grontmij, Grove House, Mansion Gate Drive, Leeds, LS7 4DN

Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 357540, 126120
 Site Area (Ha): 10.71
 Search Buffer (m): 500

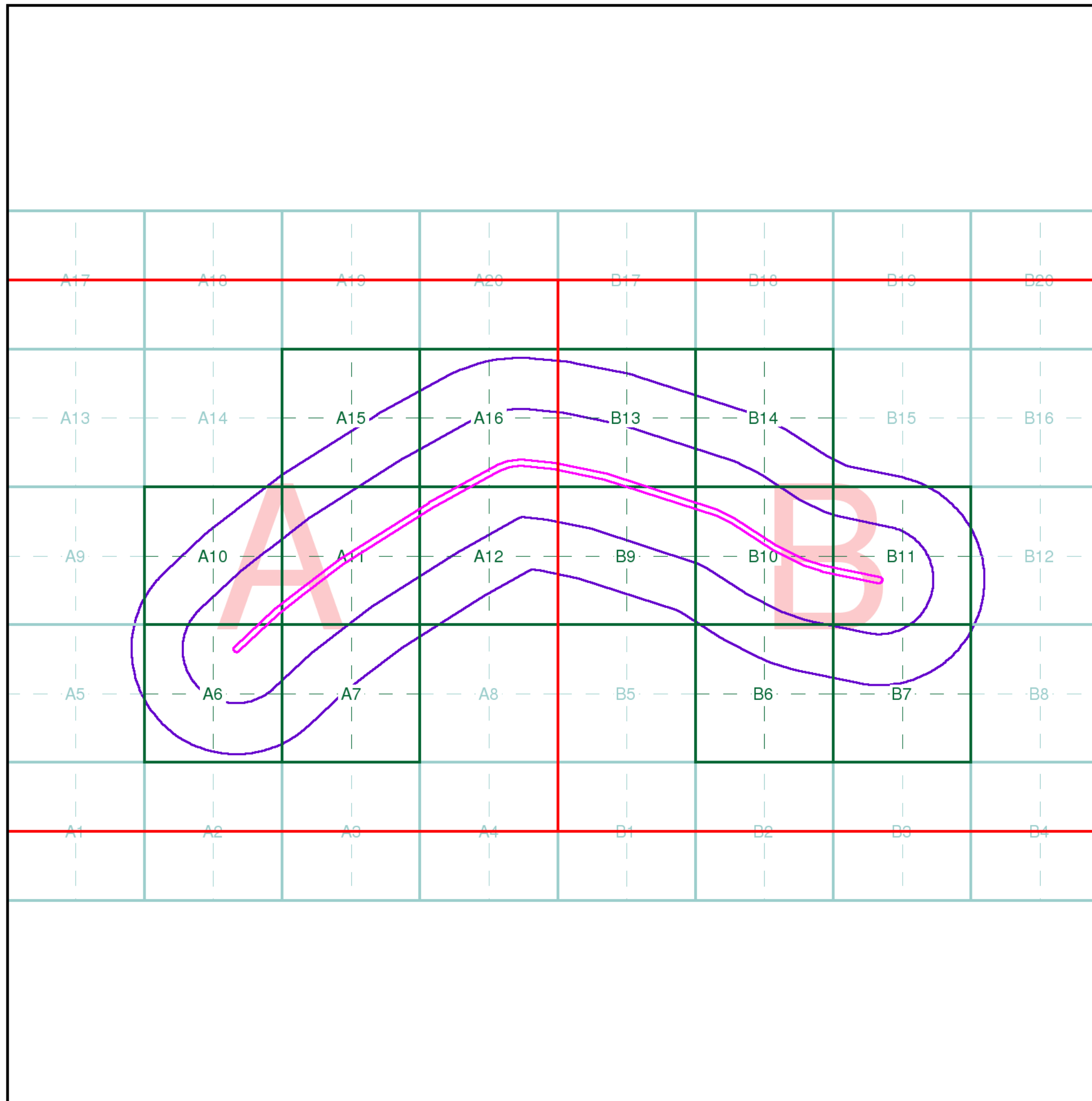
Site Details

Site at, Sparkford, Somerset

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



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



Historical Mapping Legends

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

Quarry **Gravel Pit** **Sand Pit**
Clay Pit **Shingle** **Refuse Heap**
Sloping Masonry **Flat Rock**
Marsh **Reeds** **Osiers**
Rough Pasture **Furze** **Wood**
Mixed Wood **Brushwood** **Orchard**
Fir **Ford** **Stepping Stones**
Ferry **Waterfall** **Lock**
Trig. Station **Altitude at Trig. Station**
B.M. 325.9 **Bench Mark** **Surface Level**
Arrow denotes flow of water **Antiquities (site of)**
Cutting **Embankment**
Railway crossing Road **Level Crossing** **Road crossing Railway**
Railway crossing River or Canal **Road over single stream** **Road over River or Canal**
County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
County Borough Boundary (England)
County Burgh Boundary (Scotland)
Co. Boro. Bdy.
Co. Burgh Bdy.
BP BS Boundary Post or Stone **P.C.B** Police Call Box
B.R. Bridle Road **P** Pump
E.P Electricity Pylon **S.P** Signal Post
F.B. Foot Bridge **SL** Sluice
F.P. Foot Path **Sp.** Spring
G.P Guide Post or Board **T.C.B** Telephone Call Box
M.S Mile Stone **Tr.** Trough
M.P M.R Mooring Post or Ring **W** Well

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

Inactive Quarry, Chalk Pit or Clay Pit **Active Quarry, Chalk Pit or Clay Pit**
Rock **Boulders**
Cliff **Slopes** **Top**
Roofed Building **Glazed Roof Building**
Sloping Masonry **Archway**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Bench Mark** **Antiquity (site of)**
Cave Entrance **Triangulation Station** **Electricity Pylon**
Electricity Transmission Line
County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
London Borough Boundary
Symbol marking point where boundary mereing changes
BH Beer House **P** Pillar, Pole or Post
BP, BS Boundary Post or Stone **PO** Post Office
Cn, C Capstan, Crane **PC** Public Convenience
Chy Chimney **PH** Public House
D Fn Drinking Fountain **Pp** Pump
EI P Electricity Pillar or Post **SB, S Br** Signal Box or Bridge
FAP Fire Alarm Pillar **SP, SL** Signal Post or Light
FB Foot Bridge **Spr** Spring
GP Guide Post **Tk** Tank or Track
H Hydrant or Hydraulic **TCB** Telephone Call Box
LC Level Crossing **TCP** Telephone Call Post
MH Manhole **Tr** Trough
MP Mile Post or Mooring Post **Wr Pt, Wr T** Water Point, Water Tap
MS Mile Stone **W** Well
NTL Normal Tidal Limit **Wd Pp** Wind Pump

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

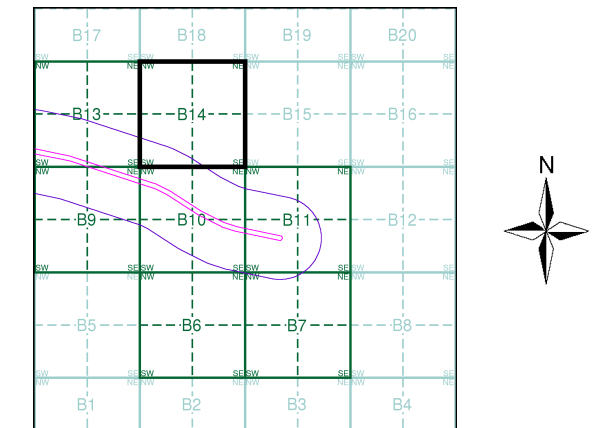
Cliff **Slopes** **Top**
Rock **Rock (scattered)**
Boulders **Boulders (scattered)**
Positioned Boulder **Scree**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Triangulation Station** **Antiquity (site of)**
Electricity Transmission Line **Electricity Pylon**
B.M. 231.60m Bench Mark **Buildings with Building Seed**
Roofed Building **Glazed Roof Building**
Civil parish/community boundary
District boundary
County boundary
Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)
Bks Barracks **P** Pillar, Pole or Post
Bty Battery **PO** Post Office
Cemy Cemetery **PC** Public Convenience
Chy Chimney **Pp** Pump
Cis Cistern **Ppg Sta** Pumping Station
Dismtd Rly Dismantled Railway **PW** Place of Worship
EI Gen Sta Electricity Generating Station **Sewage Ppg Sta** Sewage Pumping Station
EI P Electricity Pole, Pillar **SB, S Br** Signal Box or Bridge
EI Sub Sta Electricity Sub Station **SP, SL** Signal Post or Light
FB Filter Bed **Spr** Spring
Fn / D Fn Fountain / Drinking Ftn. **Tk** Tank or Track
Gas Gov Gas Valve Compound **Tr** Trough
GVC Gas Governor **Wd Pp** Wind Pump
GP Guide Post **Wr Pt, Wr T** Water Point, Water Tap
MH Manhole **Wks** Works (building or area)
MP, MS Mile Post or Mile Stone **W** Well

Grontmij

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Somerset	1:2,500	1887	2
Somerset	1:2,500	1903	3
Ordnance Survey Plan	1:2,500	1975	4
Large-Scale National Grid Data	1:2,500	1995	5

Historical Map - Segment B14



Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset

Somerset

Published 1887

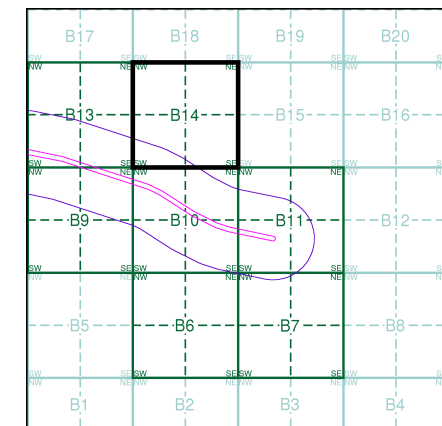
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

074_02 1887 1:2,500	074_03 1887 1:2,500
074_06 1887 1:2,500	074_07 1887 1:2,500

Historical Map - Segment B14

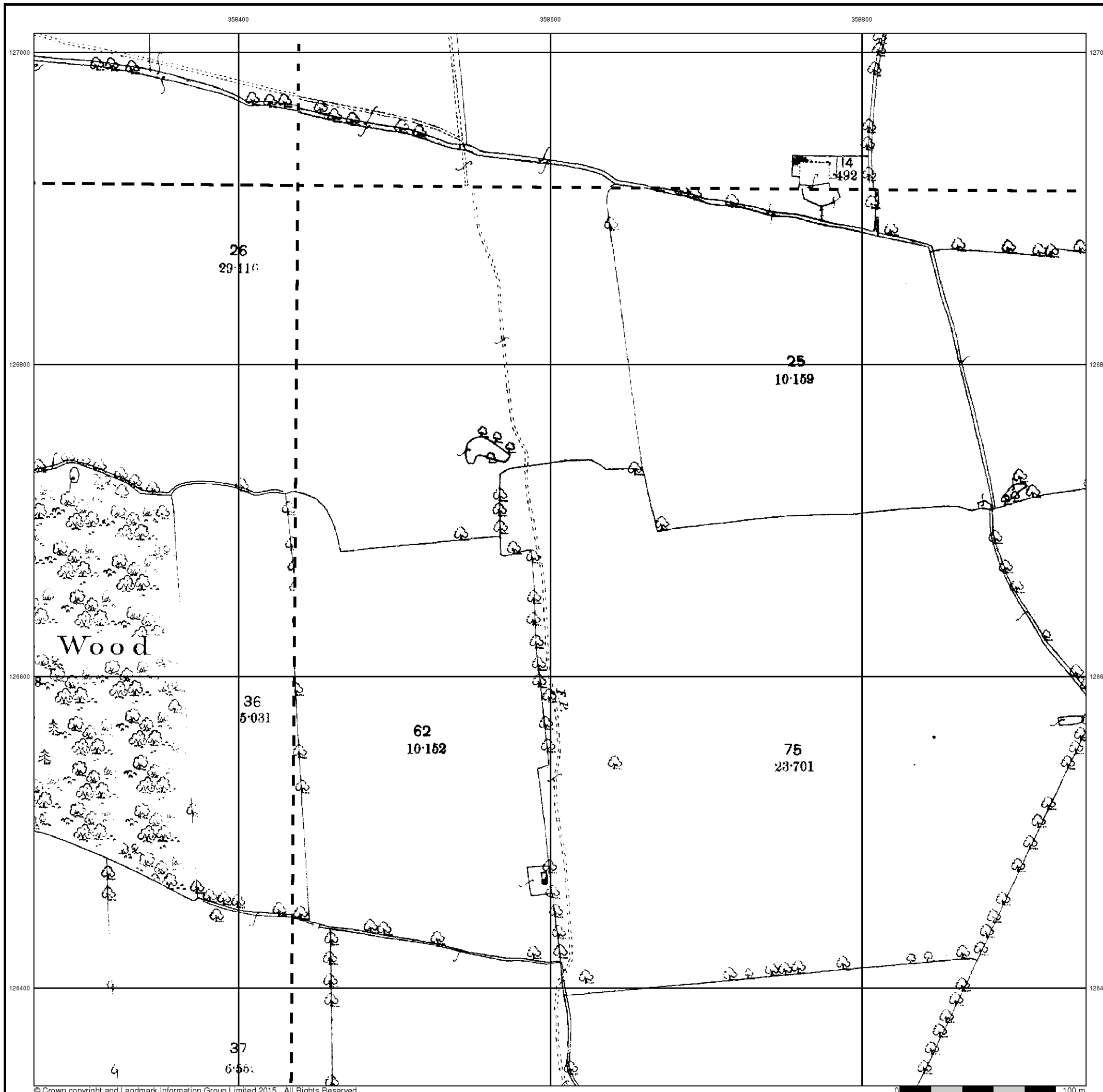


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset

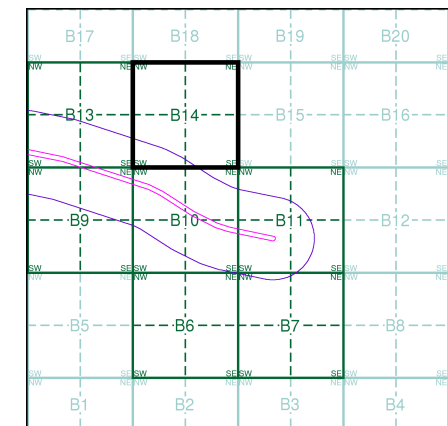


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain.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

Map Name(s) and Date(s)

074_02 1903 1:2,500	074_03 1903 1:2,500
074_06 1903 1:2,500	074_07 1903 1:2,500

Historical Map - Segment B14

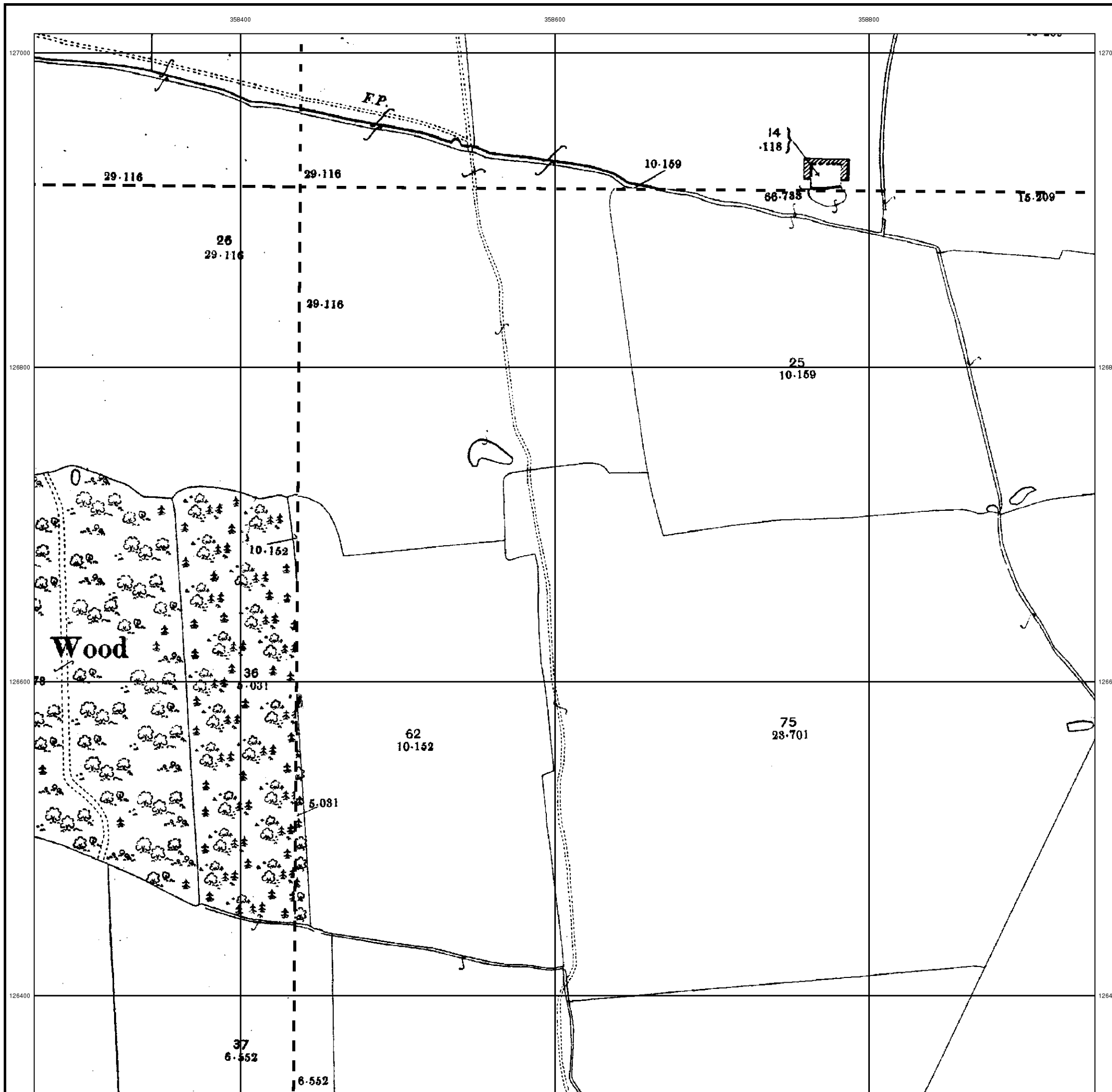


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset



Ordnance Survey Plan

Published 1975

Source map scale - 1:2,500

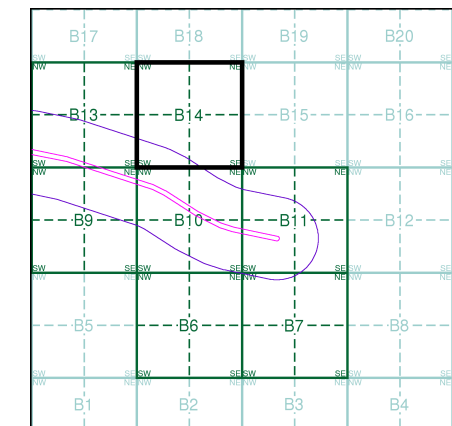
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain.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

Map Name(s) and Date(s)

ST5827
1975
1:2,500

ST5826
1975
1:2,500

Historical Map - Segment B14

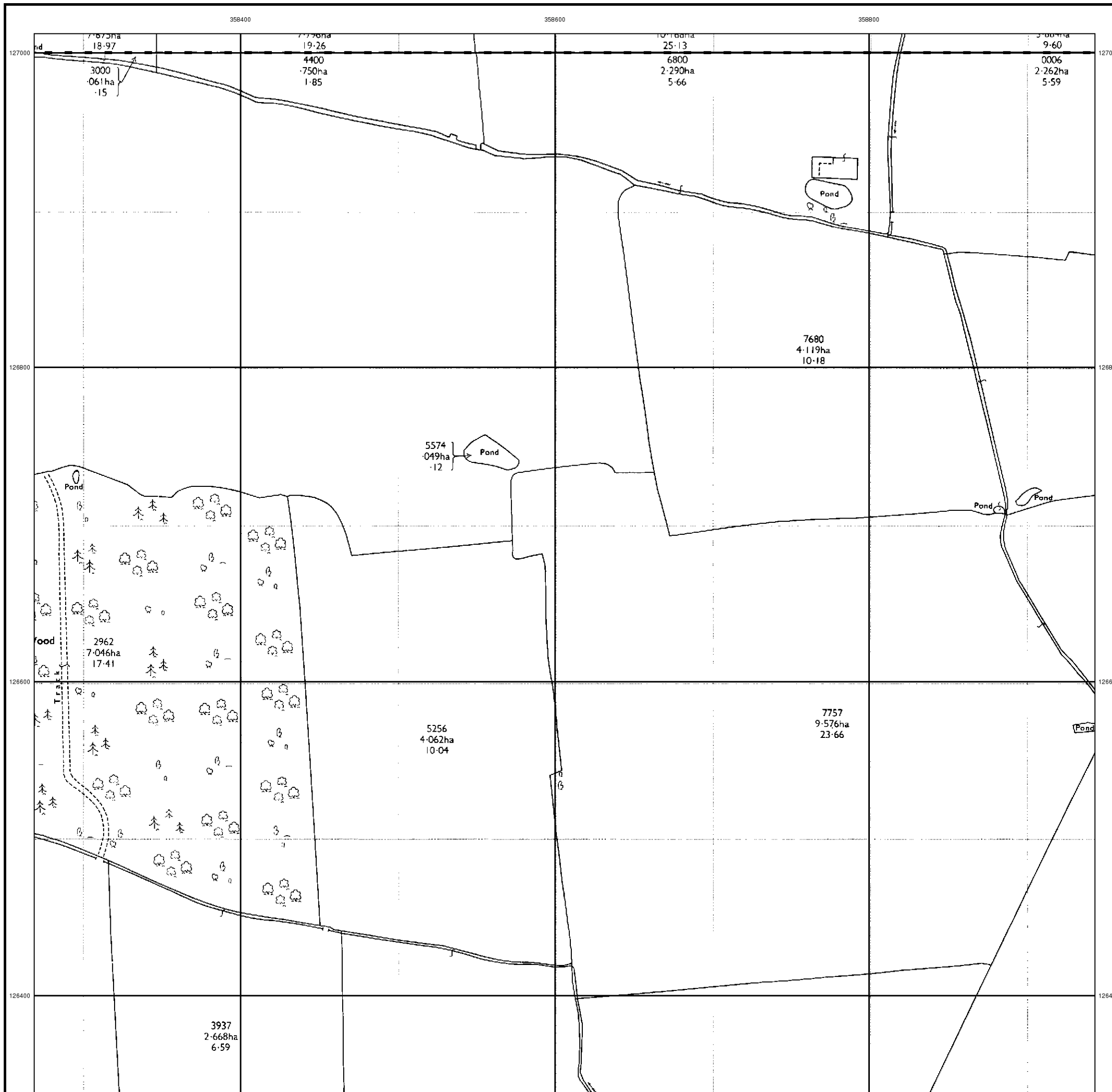


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset

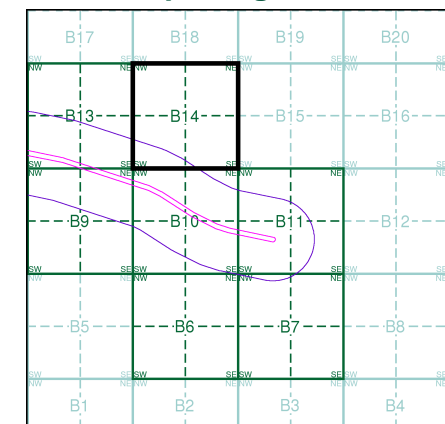


'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic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

Map Name(s) and Date(s)

ST5827	1995	1:2,500
ST5826	1995	1:2,500

Historical Map - Segment B14

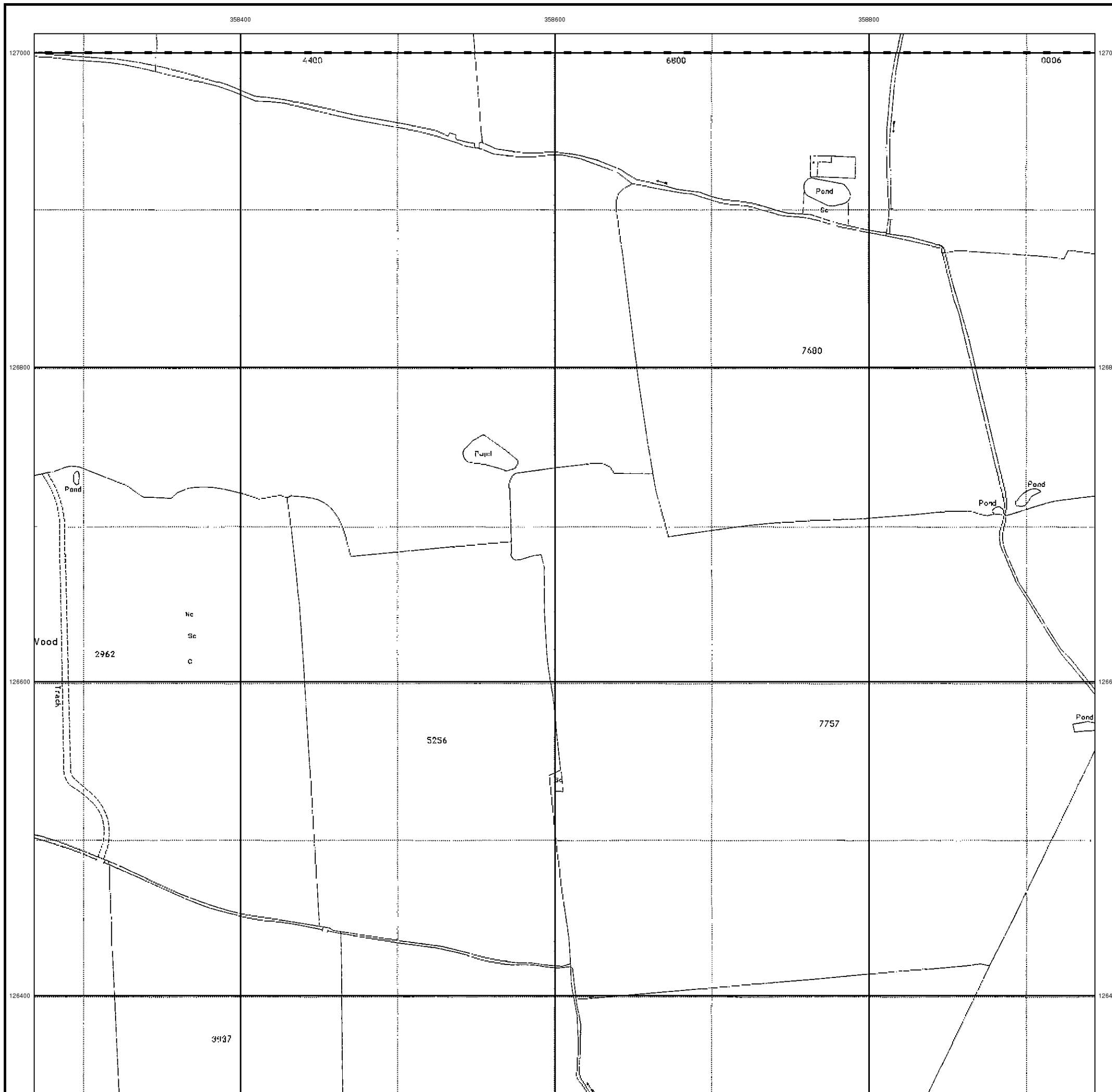


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset



Historical Mapping Legends

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

Quarry **Gravel Pit** **Sand Pit**
Clay Pit **Shingle** **Refuse Heap**
Sloping Masonry **Flat Rock**
Marsh **Reeds** **Osiers**
Rough Pasture **Furze** **Wood**
Mixed Wood **Brushwood** **Orchard**
Fir **Ford** **Stepping Stones**
Ferry **Waterfall** **Lock**
Trig. Station **Altitude at Trig. Station**
B.M. 325.9 **Bench Mark** **Surface Level**
Arrow denotes flow of water **Antiquities (site of)**
Cutting **Embankment**
Railway crossing Road **Level Crossing** **Road crossing Railway**
Railway crossing River or Canal **Road over single stream** **Road over River or Canal**
County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
County Borough Boundary (England)
County Burgh Boundary (Scotland)
Boundary Post or Stone **Police Call Box**
B.R. Bridle Road **Pump**
E.P. Electricity Pylon **S.P. Signal Post**
F.B. Foot Bridge **Sl. Sluice**
F.P. Foot Path **Sp. Spring**
G.P. Guide Post or Board **T.C.B. Telephone Call Box**
M.S. Mile Stone **Tr. Trough**
M.P. M.R. Mooring Post or Ring **W. Well**

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

Inactive Quarry, Chalk Pit or Clay Pit **Active Quarry, Chalk Pit or Clay Pit**
Rock **Boulders**
Cliff **Slopes** **Top**
Roofed Building **Glazed Roof Building**
Sloping Masonry **Archway**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Bench Mark** **Antiquity (site of)**
Cave Entrance **Triangulation Station** **Electricity Pylon**
Electricity Transmission Line
County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
London Borough Boundary
Symbol marking point where boundary mereing changes
Beer House **Pillar, Pole or Post**
Boundary Post or Stone **Post Office**
Capstan, Crane **Public Convenience**
Chimney **Public House**
Drinking Fountain **Pump**
Electricity Pillar or Post **Signal Box or Bridge**
Fire Alarm Pillar **Signal Post or Light**
Foot Bridge **Spring**
Guide Post **Tank or Track**
Hydrant or Hydraulic **Telephone Call Box**
Level Crossing **Telephone Call Post**
Manhole **Trough**
Mile Post or Mooring Post **Water Point, Water Tap**
Mile Stone **Well**
Normal Tidal Limit **Wind Pump**

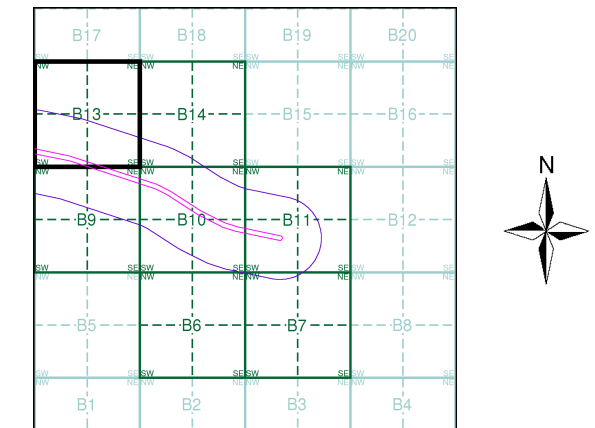
Large-Scale National Grid Data 1:2,500 and 1:1,250

Cliff **Slopes** **Top**
Rock **Rock (scattered)**
Boulders **Boulders (scattered)**
Positioned Boulder **Scree**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Triangulation Station** **Antiquity (site of)**
Electricity Transmission Line **Electricity Pylon**
Bench Mark **Buildings with Building Seed**
Roofed Building **Glazed Roof Building**
Civil parish/community boundary
District boundary
County boundary
Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)
Barracks **Pillar, Pole or Post**
Battery **Post Office**
Cemetery **Public Convenience**
Chimney **Pump**
Cistern **Pumping Station**
Dismtd Rly **Place of Worship**
Electricity Generating Station **Sewage Ppg Sta** **Sewage Pumping Station**
Electricity Pole, Pillar **Signal Box or Bridge**
Electricity Sub Station **Signal Post or Light**
Filter Bed **Spring**
Fountain / Drinking Ftn. **Tank or Track**
Gas Valve Compound **Trough**
Gas Governor **Wind Pump**
Guide Post **Water Point, Water Tap**
Manhole **Works (building or area)**
Mile Post or Mile Stone **Well**

Grontmij
Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Somerset	1:2,500	1887	2
Somerset	1:2,500	1903	3
Ordnance Survey Plan	1:2,500	1975 - 1977	4
Large-Scale National Grid Data	1:2,500	1995	5
Large-Scale National Grid Data	1:2,500	1996	6

Historical Map - Segment B13



Order Details

Order Number: 79579301_1_1
Customer Ref: A303 Option F1
National Grid Reference: 358580, 126110
Slice: B
Site Area (Ha): 10.71
Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset

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

Somerset

Published 1887

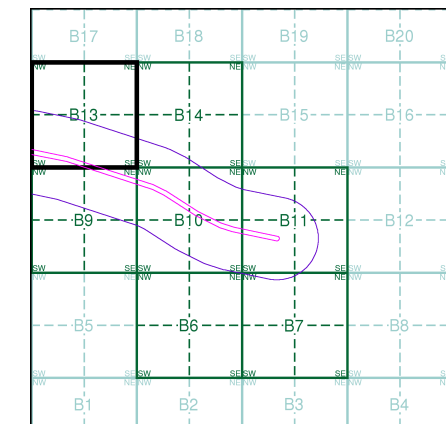
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

074_02	1887	1:2,500
074_06	1887	1:2,500

Historical Map - Segment B13

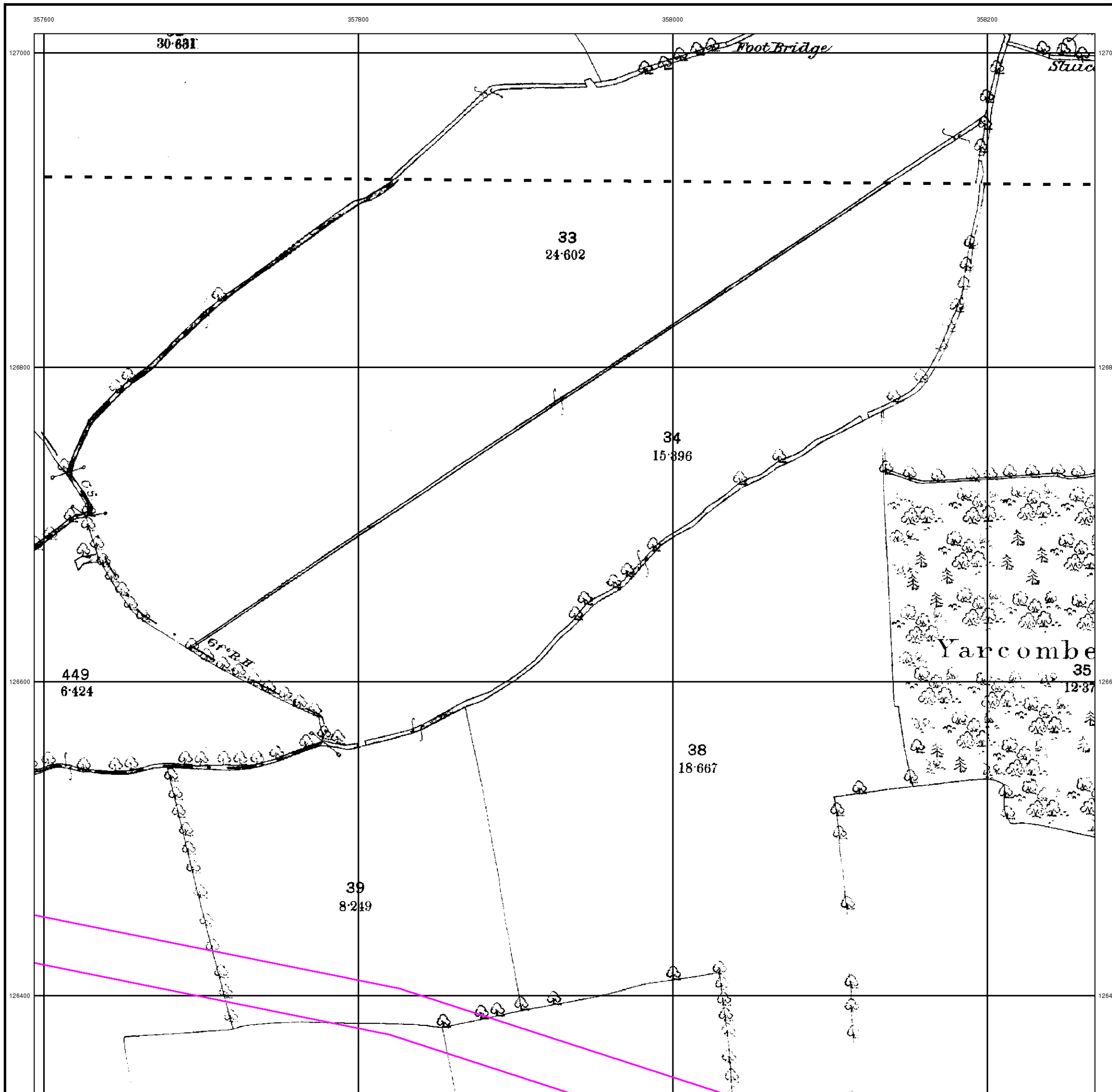


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset

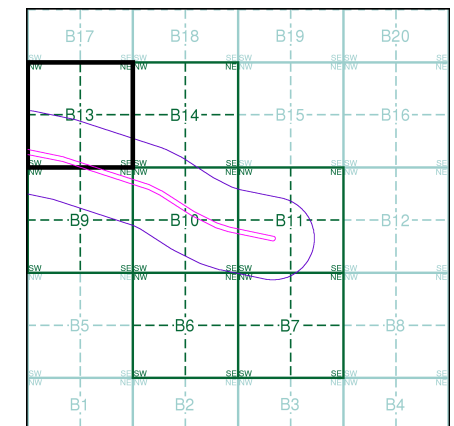


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain.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

Map Name(s) and Date(s)

074_02	1903	1:2,500
074_06	1903	1:2,500

Historical Map - Segment B13

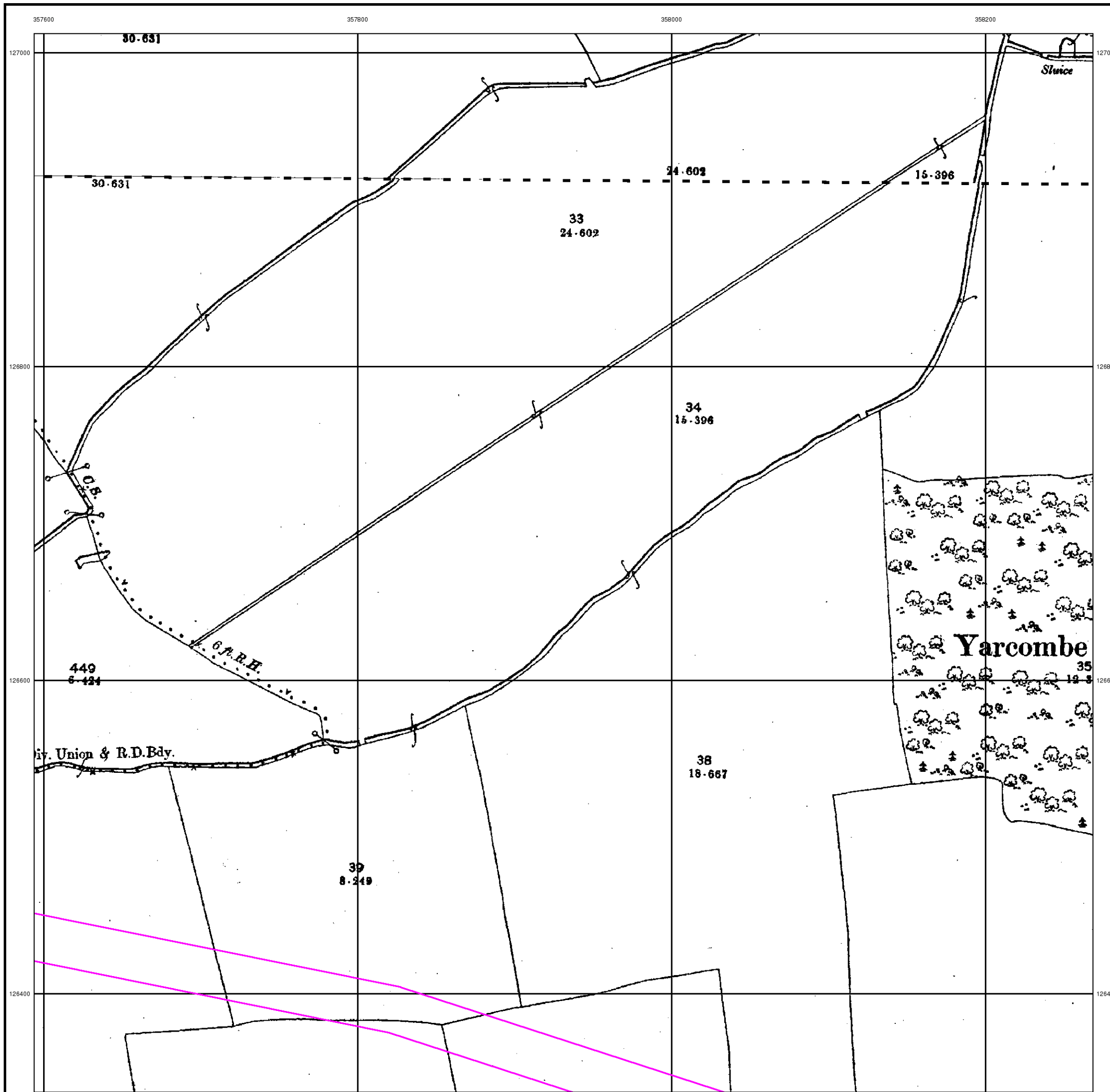


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset



Ordnance Survey Plan

Published 1975 - 1977

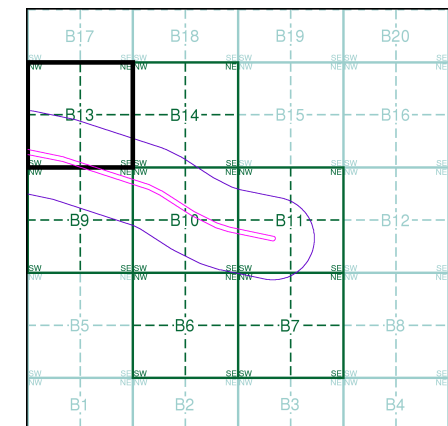
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

ST5727 1977 12,500	ST5827 1975 12,500
ST5726 1975 12,500	ST5826 1975 12,500

Historical Map - Segment B13

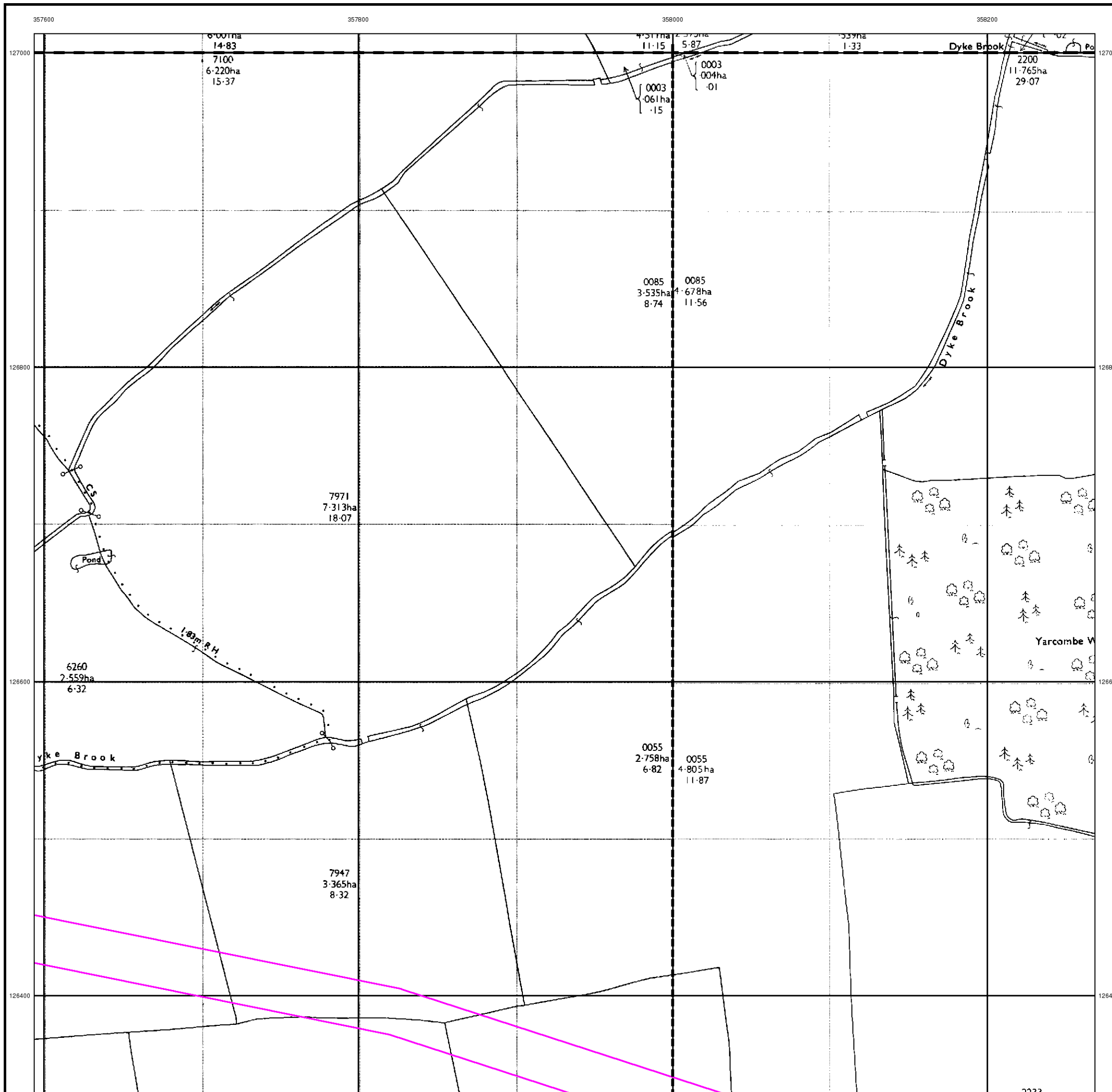


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset

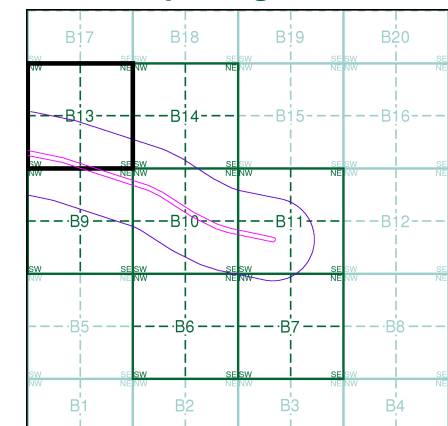


'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic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

Map Name(s) and Date(s)

ST5727	ST5827
1995	1995
1:2,500	1:2,500
ST5726	ST5826
1995	1995
1:2,500	1:2,500

Historical Map - Segment B13

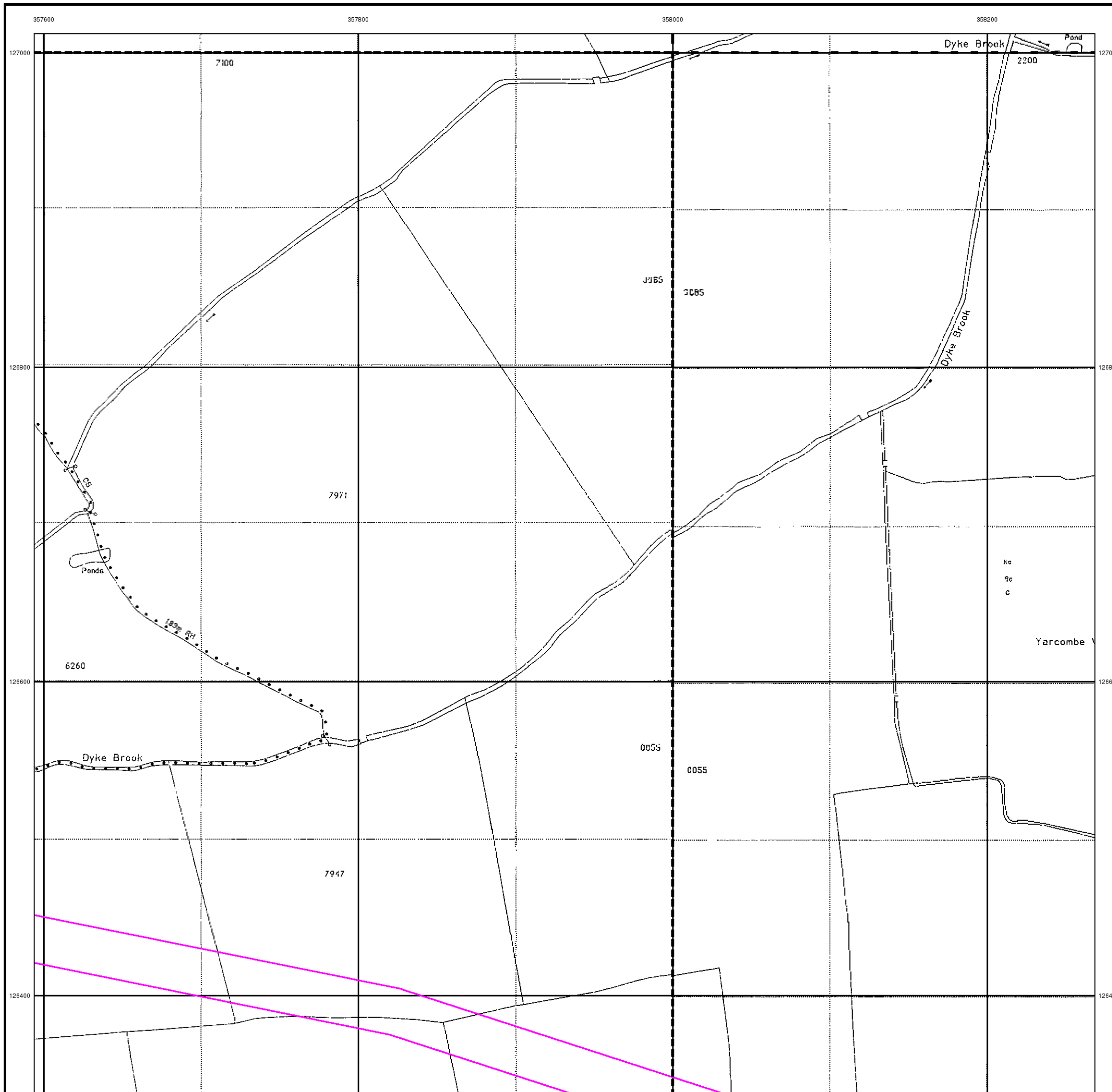


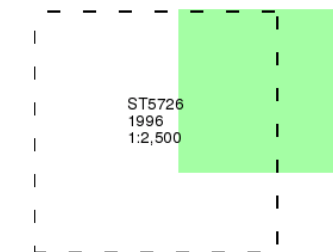
Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 250

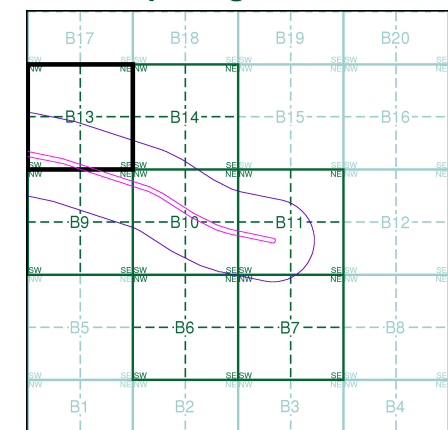
Site Details

Site at, Sparkford, Somerset





Historical Map - Segment B13

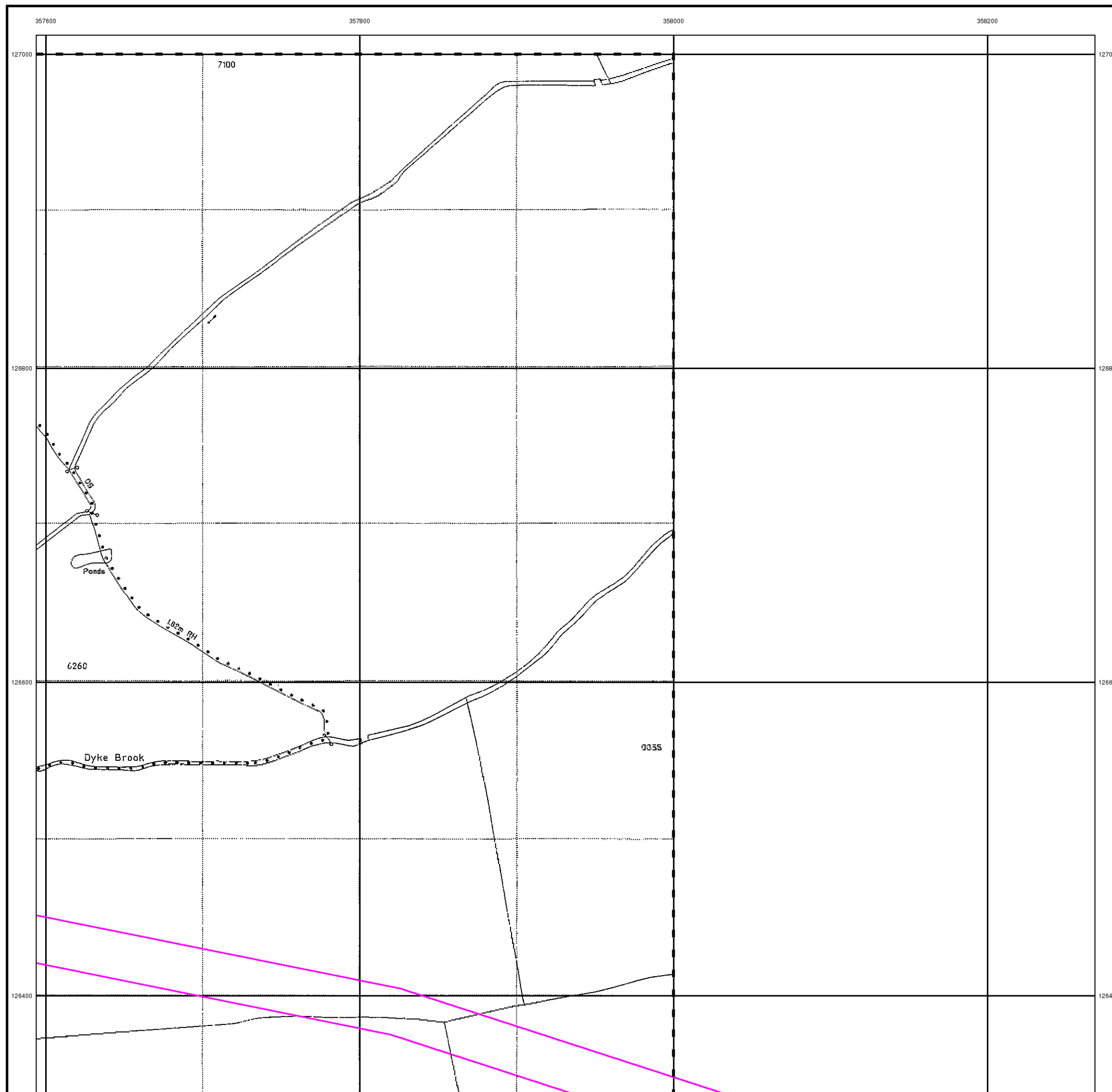


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset



Historical Mapping Legends

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

Quarry **Gravel Pit** **Sand Pit**
Clay Pit **Shingle** **Refuse Heap**
Sloping Masonry **Flat Rock**
Marsh **Reeds** **Osiers**
Rough Pasture **Furze** **Wood**
Mixed Wood **Brushwood** **Orchard**
Fir **Ford** **Stepping Stones**
Ferry **Waterfall** **Lock**
Trig. Station **Altitude at Trig. Station**
B.M. 325.9 **Bench Mark** **Surface Level**
Arrow denotes flow of water **Antiquities (site of)**
Cutting **Embankment**
Railway crossing Road **Level Crossing** **Road crossing Railway**
Railway crossing River or Canal **Road over single stream** **Road over River or Canal**
County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
County Borough Boundary (England)
County Burgh Boundary (Scotland)
Co. Boro. Bdy.
Co. Burgh Bdy.
BP BS Boundary Post or Stone **P.C.B** Police Call Box
B.R. Bridle Road **P** Pump
E.P Electricity Pylon **S.P** Signal Post
F.B. Foot Bridge **SL** Sluice
F.P. Foot Path **Sp.** Spring
G.P Guide Post or Board **T.C.B** Telephone Call Box
M.S Mile Stone **Tr.** Trough
M.P M.R Mooring Post or Ring **W** Well

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

Inactive Quarry, Chalk Pit or Clay Pit **Active Quarry, Chalk Pit or Clay Pit**
Rock **Boulders**
Cliff **Slopes** **Top**
Roofed Building **Glazed Roof Building**
Sloping Masonry **Archway**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Bench Mark** **Antiquity (site of)**
Cave Entrance **Triangulation Station** **Electricity Pylon**
Electricity Transmission Line
County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
London Borough Boundary
Symbol marking point where boundary mereing changes
BH Beer House **P** Pillar, Pole or Post
BP, BS Boundary Post or Stone **PO** Post Office
Cn, C Capstan, Crane **PC** Public Convenience
Chy Chimney **PH** Public House
D Fn Drinking Fountain **Pp** Pump
EI P Electricity Pillar or Post **SB, S Br** Signal Box or Bridge
FAP Fire Alarm Pillar **SP, SL** Signal Post or Light
FB Foot Bridge **Spr** Spring
GP Guide Post **Tk** Tank or Track
H Hydrant or Hydraulic **TCB** Telephone Call Box
LC Level Crossing **TCP** Telephone Call Post
MH Manhole **Tr** Trough
MP Mile Post or Mooring Post **Wr Pt, Wr T** Water Point, Water Tap
MS Mile Stone **W** Well
NTL Normal Tidal Limit **Wd Pp** Wind Pump

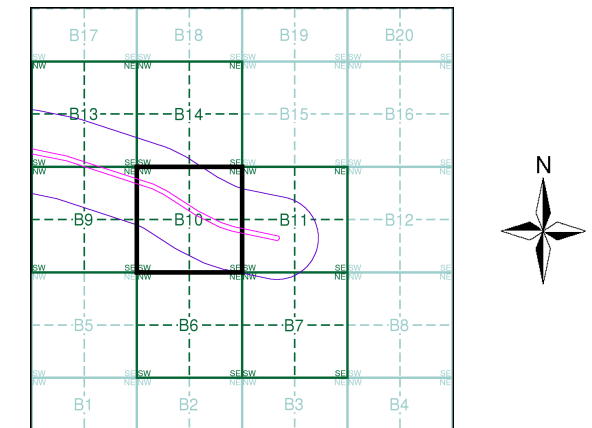
Large-Scale National Grid Data 1:2,500 and 1:1,250

Cliff **Slopes** **Top**
Rock **Rock (scattered)**
Boulders **Boulders (scattered)**
Positioned Boulder **Scree**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Triangulation Station** **Antiquity (site of)**
Electricity Transmission Line **Electricity Pylon**
B.M. 231.60m Bench Mark **Buildings with Building Seed**
Roofed Building **Glazed Roof Building**
Civil parish/community boundary
District boundary
County boundary
Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)
Bks Barracks **P** Pillar, Pole or Post
Bty Battery **PO** Post Office
Cemy Cemetery **PC** Public Convenience
Chy Chimney **Pp** Pump
Cis Cistern **Ppg Sta** Pumping Station
Dismtd Rly Dismantled Railway **PW** Place of Worship
EI Gen Sta Electricity Generating Station **Sewage Ppg Sta** Sewage Pumping Station
EI P Electricity Pole, Pillar **SB, S Br** Signal Box or Bridge
EI Sub Sta Electricity Sub Station **SP, SL** Signal Post or Light
FB Filter Bed **Spr** Spring
Fn / D Fn Fountain / Drinking Ftn. **Tk** Tank or Track
Gas Gov Gas Valve Compound **Tr** Trough
GVC Gas Governor **Wd Pp** Wind Pump
GP Guide Post **Wr Pt, Wr T** Water Point, Water Tap
MH Manhole **Wks** Works (building or area)
MP, MS Mile Post or Mile Stone **W** Well

Grontmij
 Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Somerset	1:2,500	1887	2
Somerset	1:2,500	1903	3
Ordnance Survey Plan	1:2,500	1975	4
Large-Scale National Grid Data	1:2,500	1995	5
Large-Scale National Grid Data	1:2,500	1996	6

Historical Map - Segment B10



Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 250

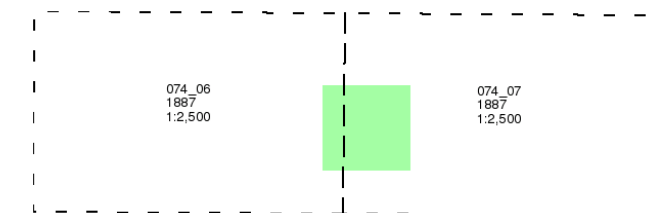
Site Details

Site at, Sparkford, Somerset

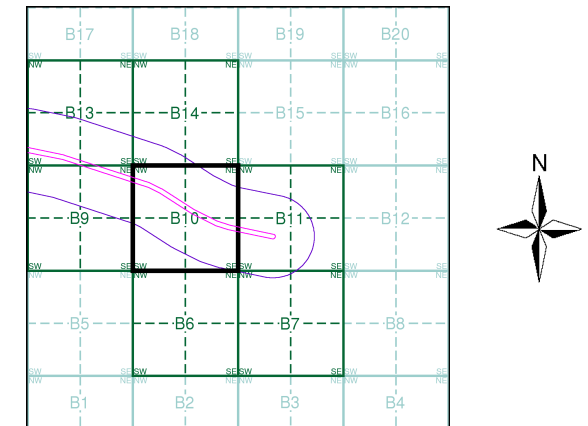
Landmark Information Group
 Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk

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

Map Name(s) and Date(s)



Historical Map - Segment B10

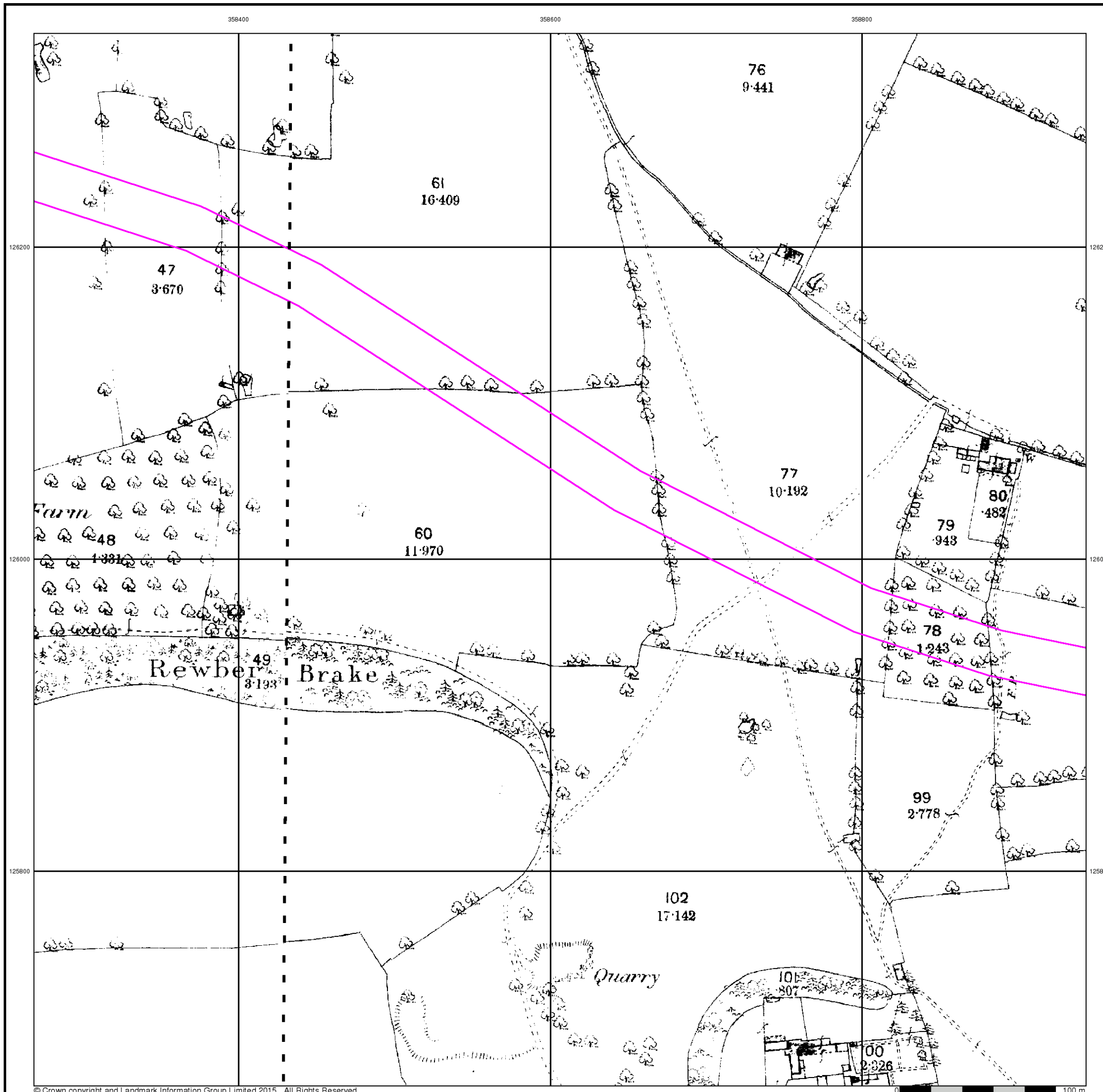


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 250

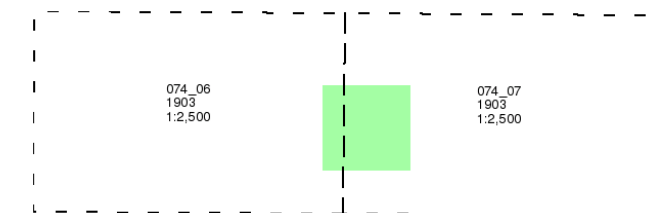
Site Details

Site at, Sparkford, Somerset

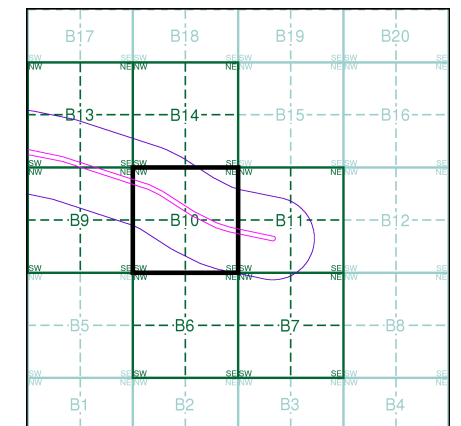


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain.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

Map Name(s) and Date(s)



Historical Map - Segment B10

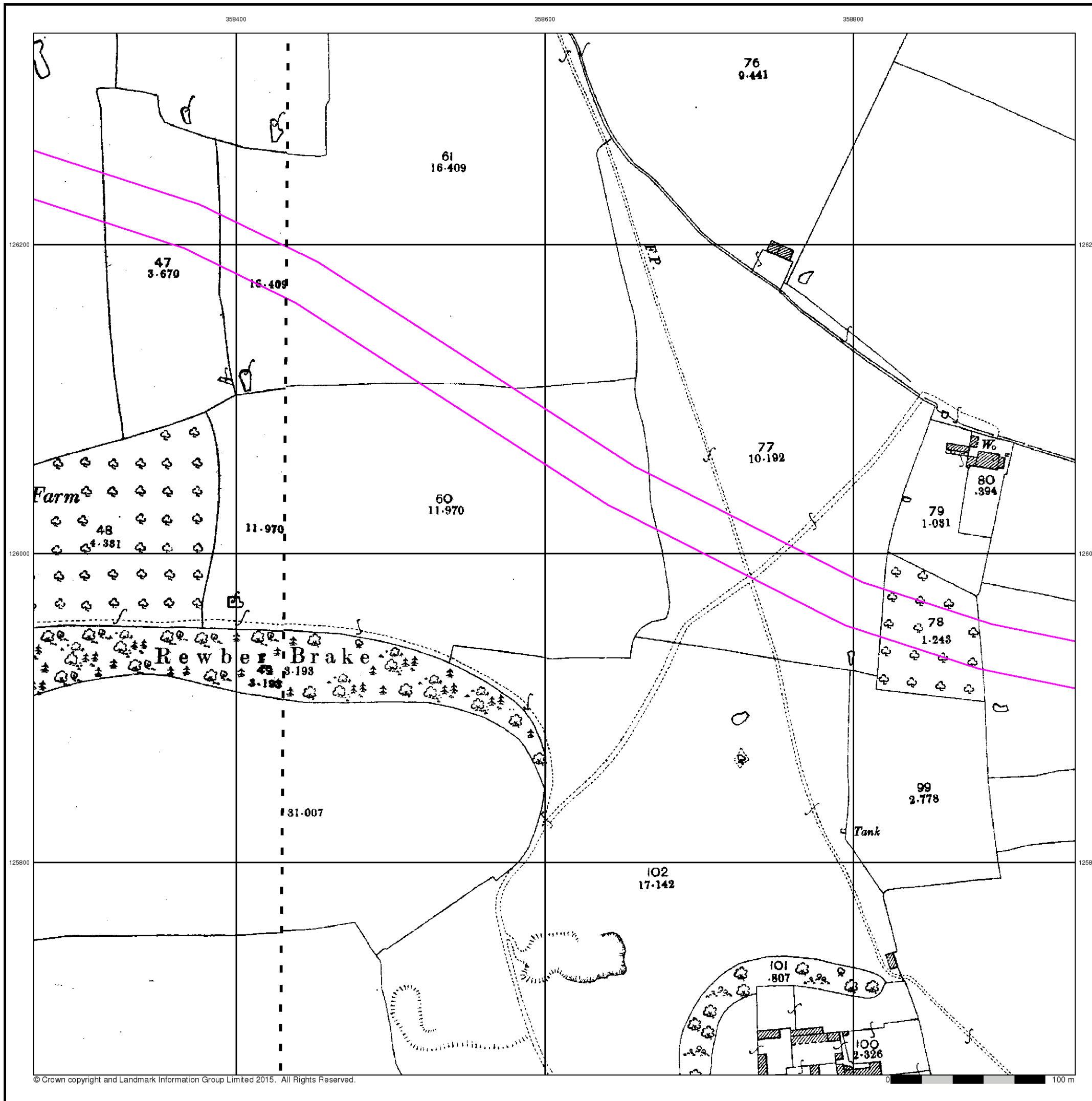


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset



Ordnance Survey Plan

Published 1975

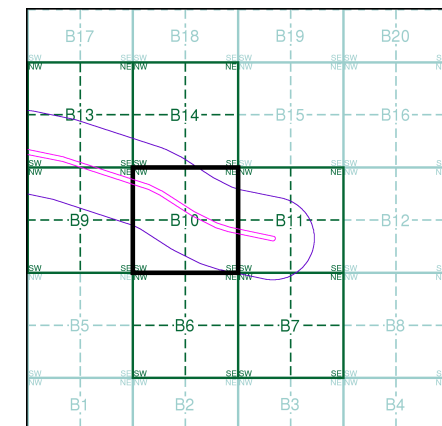
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

ST5826	1975	1:2,500
ST5825	1975	1:2,500

Historical Map - Segment B10

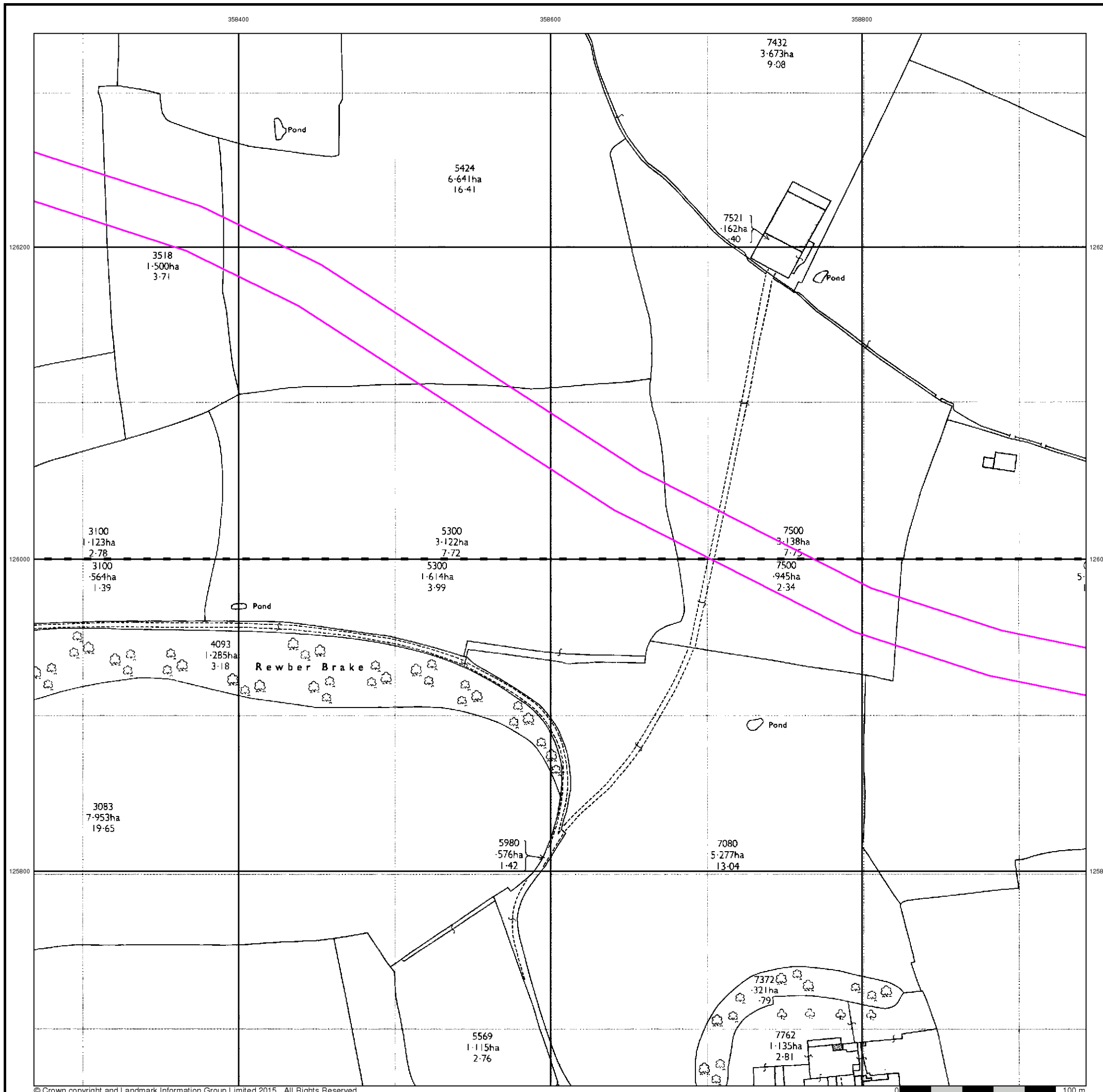


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

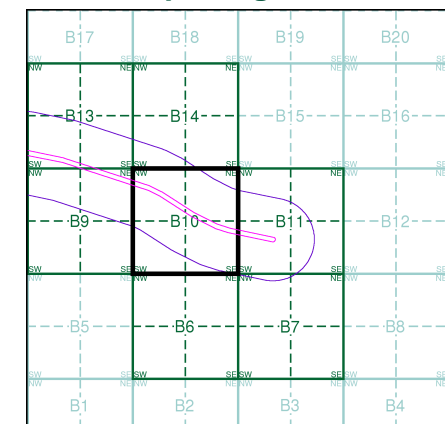
Site at, Sparkford, Somerset



Map Name(s) and Date(s)

ST5826	1995	1:2,500
ST5825	1995	1:2,500

Historical Map - Segment B10

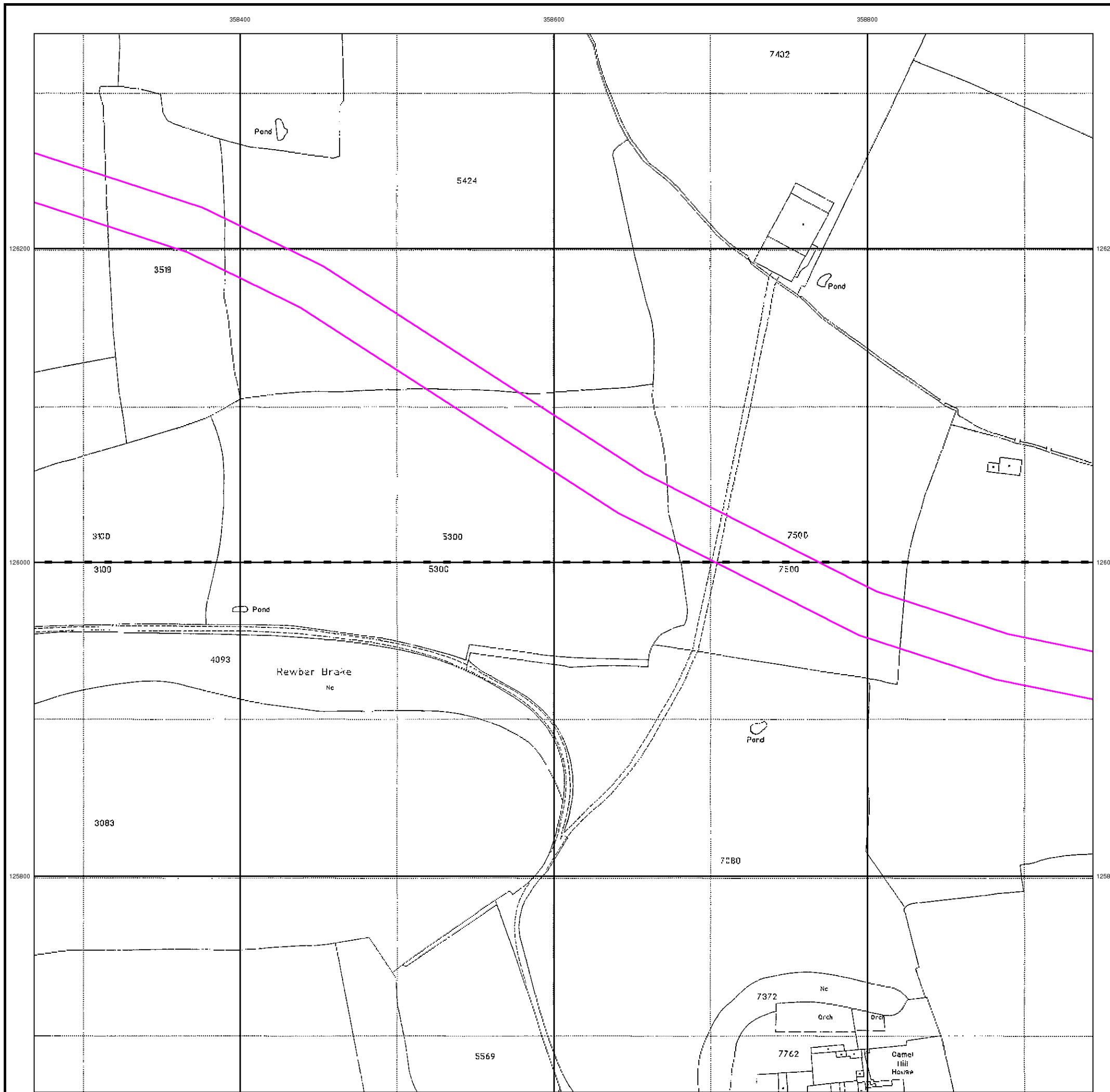


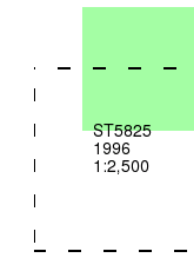
Order Details

Order Number: 79579301_1_1
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 Site Area (Ha): 10.71
 Search Buffer (m): 250

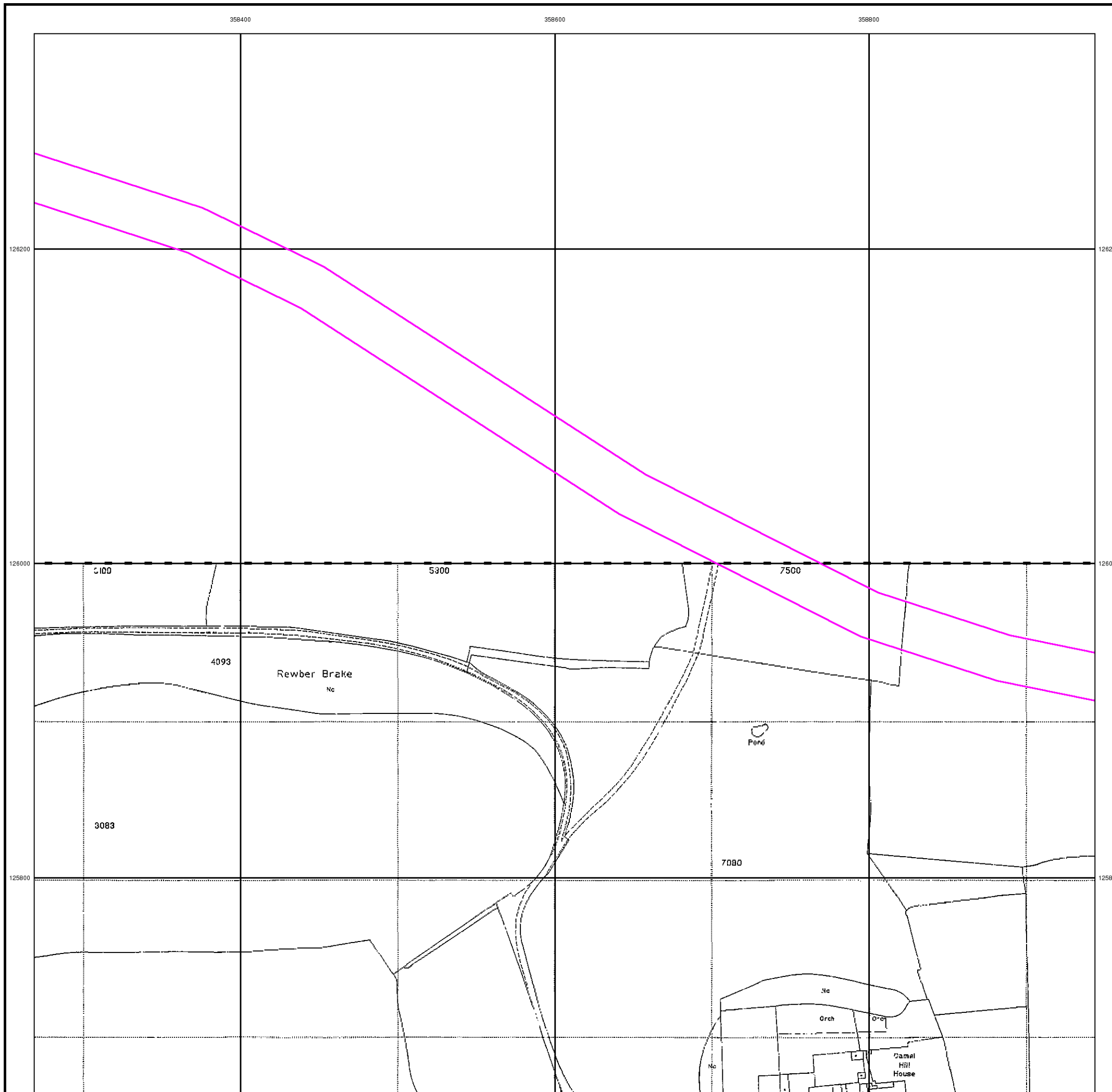
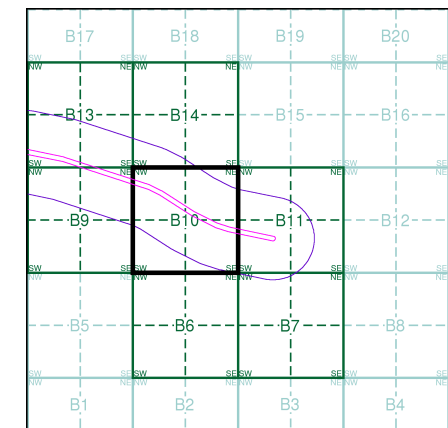
Site Details

Site at, Sparkford, Somerset





Historical Map - Segment B10



Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
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Site Details

Site at, Sparkford, Somerset

Historical Mapping Legends

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

Quarry **Gravel Pit** **Sand Pit**
Clay Pit **Shingle** **Refuse Heap**
Sloping Masonry **Flat Rock**
Marsh **Reeds** **Osiers**
Rough Pasture **Furze** **Wood**
Mixed Wood **Brushwood** **Orchard**
Fir **Ford** **Stepping Stones**
Ferry **Waterfall** **Lock**
Trig. Station **Altitude at Trig. Station**
B.M. 325.9 **Bench Mark** **Surface Level**
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County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
County Borough Boundary (England)
County Burgh Boundary (Scotland)
Co. Boro. Bdy.
Co. Burgh Bdy.
BP BS Boundary Post or Stone **P.C.B** Police Call Box
B.R. Bridle Road **P** Pump
E.P Electricity Pylon **S.P** Signal Post
F.B. Foot Bridge **SL** Sluice
F.P. Foot Path **Sp.** Spring
G.P Guide Post or Board **T.C.B** Telephone Call Box
M.S Mile Stone **Tr.** Trough
M.P M.R Mooring Post or Ring **W** Well

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

Inactive Quarry, Chalk Pit or Clay Pit **Active Quarry, Chalk Pit or Clay Pit**
Rock **Boulders**
Cliff **Slopes** **Top**
Roofed Building **Glazed Roof Building**
Sloping Masonry **Archway**
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Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Bench Mark** **Antiquity (site of)**
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Electricity Transmission Line
County Boundary (Geographical)
County & Civil Parish Boundary
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London Borough Boundary
Symbol marking point where boundary mereing changes
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BP, BS Boundary Post or Stone **PO** Post Office
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D Fn Drinking Fountain **Pp** Pump
EI P Electricity Pillar or Post **SB, S Br** Signal Box or Bridge
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H Hydrant or Hydraulic **TCB** Telephone Call Box
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MS Mile Stone **W** Well
NTL Normal Tidal Limit **Wd Pp** Wind Pump

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

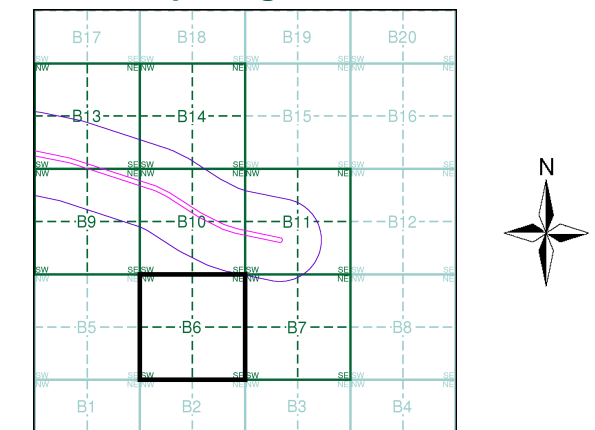
Cliff **Slopes** **Top**
Rock **Rock (scattered)**
Boulders **Boulders (scattered)**
Positioned Boulder **Scree**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
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Rough Grassland **Heath** **Culvert**
Direction of water flow **Triangulation Station** **Antiquity (site of)**
Electricity Transmission Line **Electricity Pylon**
B.M. 231.60m Bench Mark **Buildings with Building Seed**
Roofed Building **Glazed Roof Building**
Civil parish/community boundary
District boundary
County boundary
Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)
Bks Barracks **P** Pillar, Pole or Post
Bty Battery **PO** Post Office
Cemy Cemetery **PC** Public Convenience
Chy Chimney **Pp** Pump
Cis Cistern **Ppg Sta** Pumping Station
Dismtd Rly Dismantled Railway **PW** Place of Worship
EI Gen Sta Electricity Generating Station **Sewage Ppg Sta** Sewage Pumping Station
EI P Electricity Pole, Pillar **SB, S Br** Signal Box or Bridge
EI Sub Sta Electricity Sub Station **SP, SL** Signal Post or Light
FB Filter Bed **Spr** Spring
Fn / D Fn Fountain / Drinking Ftn. **Tk** Tank or Track
Gas Gov Gas Valve Compound **Tr** Trough
GVC Gas Governor **Wd Pp** Wind Pump
GP Guide Post **Wr Pt, Wr T** Water Point, Water Tap
MH Manhole **Wks** Works (building or area)
MP, MS Mile Post or Mile Stone **W** Well

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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Somerset	1:2,500	1887	2
Somerset	1:2,500	1903	3
Ordnance Survey Plan	1:2,500	1975	4
Large-Scale National Grid Data	1:2,500	1995	5
Large-Scale National Grid Data	1:2,500	1996	6

Historical Map - Segment B6



Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset

Somerset

Published 1887

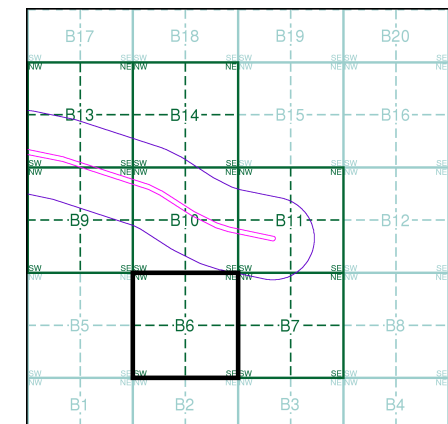
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

074_06 1887 1:2,500	074_07 1887 1:2,500
074_10 1887 1:2,500	074_11 1887 1:2,500

Historical Map - Segment B6

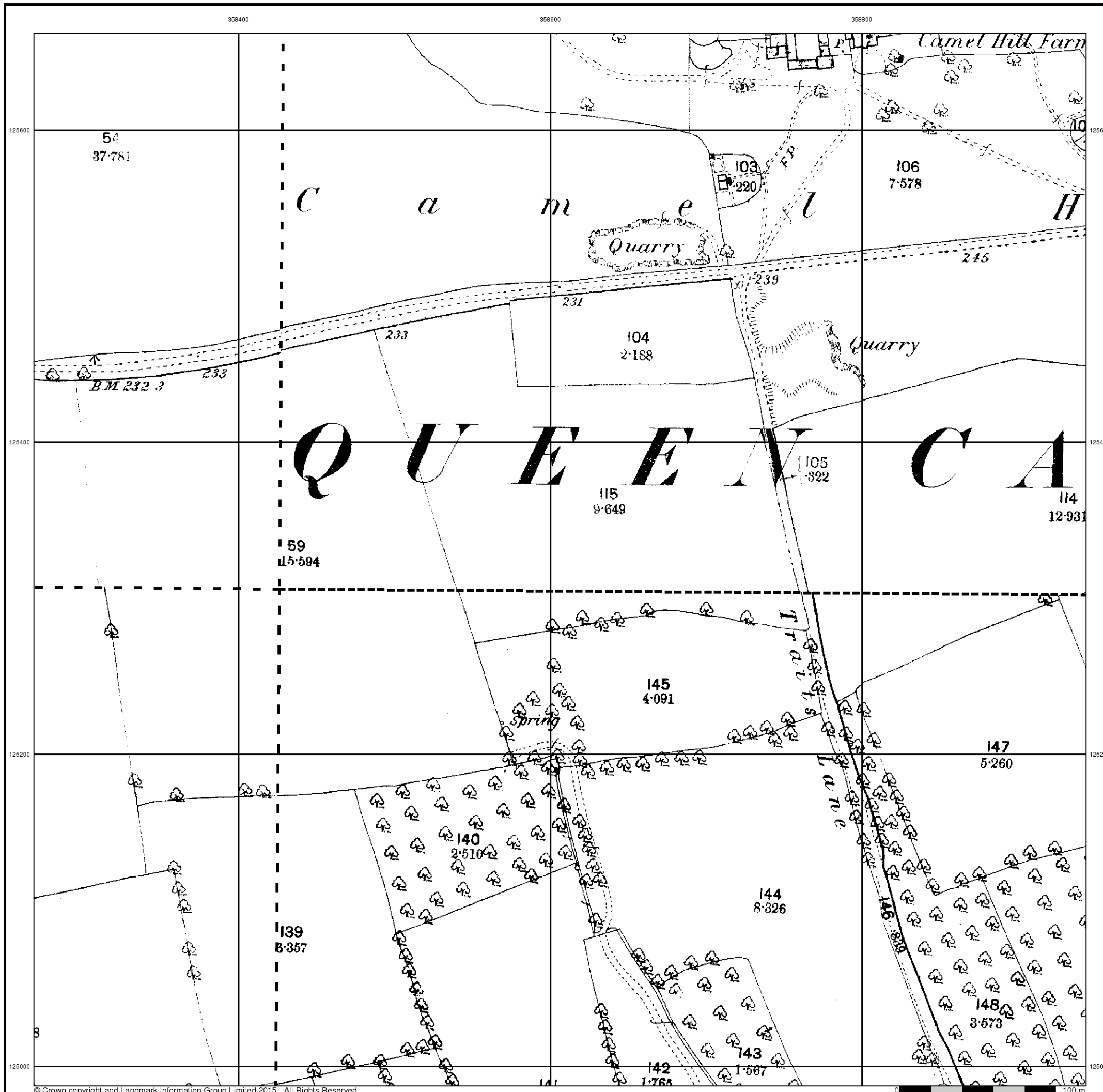


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset



Somerset

Published 1903

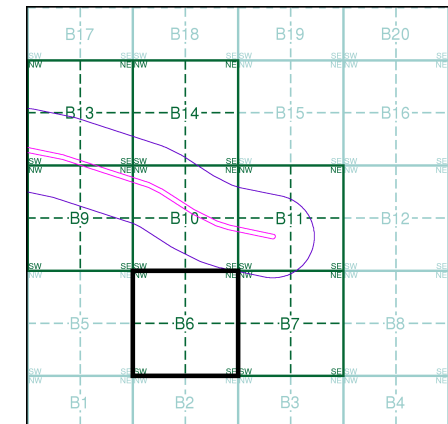
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

074_06 1903 1:2,500	074_07 1903 1:2,500
074_10 1903 1:2,500	074_11 1903 1:2,500

Historical Map - Segment B6



Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset



Ordnance Survey Plan

Published 1975

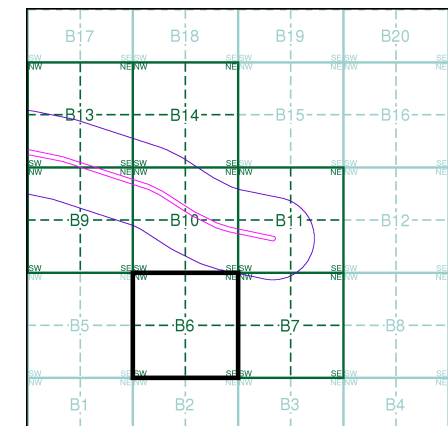
Source map scale - 1:2,500

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Map Name(s) and Date(s)

ST5825	1975	1:2,500
ST5824	1975	1:2,500

Historical Map - Segment B6



Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset

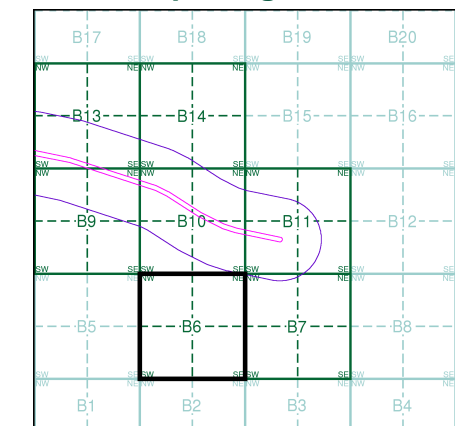


'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic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

Map Name(s) and Date(s)

ST5825	1995	1:2,500
ST5824	1995	1:2,500

Historical Map - Segment B6



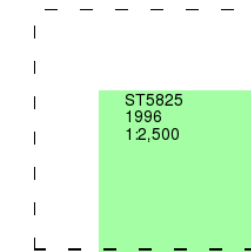
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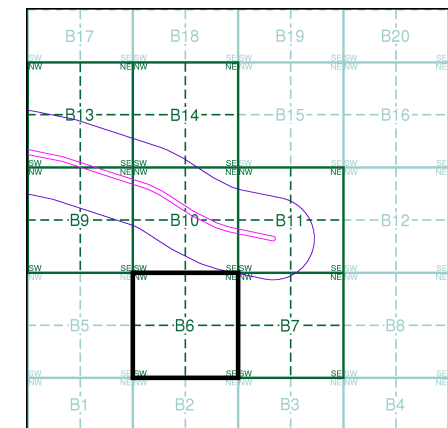
Site Details

Site at, Sparkford, Somerset





Historical Map - Segment B6



Order Details

Order Number: 79579301_1_1
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 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 250

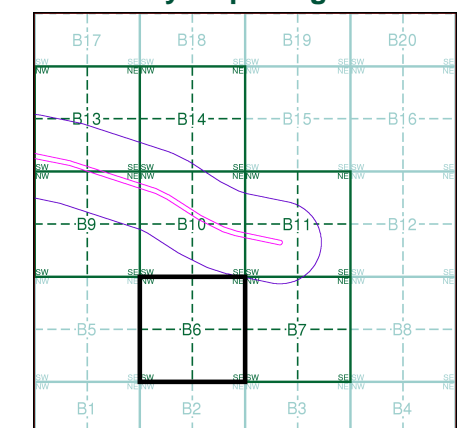
Site Details

Site at, Sparkford, Somerset



- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
 - Several of Type at Location
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
 - Contaminated Land Register Entry or Notice
 - Discharge Consent
 - Enforcement or Prohibition Notice
 - Integrated Pollution Control
 - Integrated Pollution Prevention Control
 - Local Authority Integrated Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control Enforcement
 - Pollution Incident to Controlled Waters
 - Prosecution Relating to Authorised Processes
 - Prosecution Relating to Controlled Waters
 - Registered Radioactive Substance
 - River Network or Water Feature
 - River Quality Sampling Point
 - Substantiated Pollution Incident Register
 - Water Abstraction
 - Water Industry Act Referral
- Waste**
- BGS Recorded Landfill Site (Location)
 - BGS Recorded Landfill Site
 - EA Historic Landfill (Buffered Point)
 - EA Historic Landfill (Polygon)
 - Integrated Pollution Control Registered Waste Site
 - Licensed Waste Management Facility (Landfill Boundary)
 - Licensed Waste Management Facility (Location)
 - Local Authority Recorded Landfill Site (Location)
 - Local Authority Recorded Landfill Site
 - Registered Landfill Site
 - Registered Landfill Site (Location)
 - Registered Landfill Site (Point Buffered to 100m)
 - Registered Landfill Site (Point Buffered to 250m)
 - Registered Waste Transfer Site (Location)
 - Registered Waste Transfer Site
 - Registered Waste Treatment or Disposal Site (Location)
 - Registered Waste Treatment or Disposal Site
- Hazardous Substances**
- COMAH Site
 - Explosive Site
 - NIHHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement
- Geological**
- BGS Recorded Mineral Site
- Industrial Land Use**
- Contemporary Trade Directory Entry
 - Fuel Station Entry

Site Sensitivity Map - Segment B6

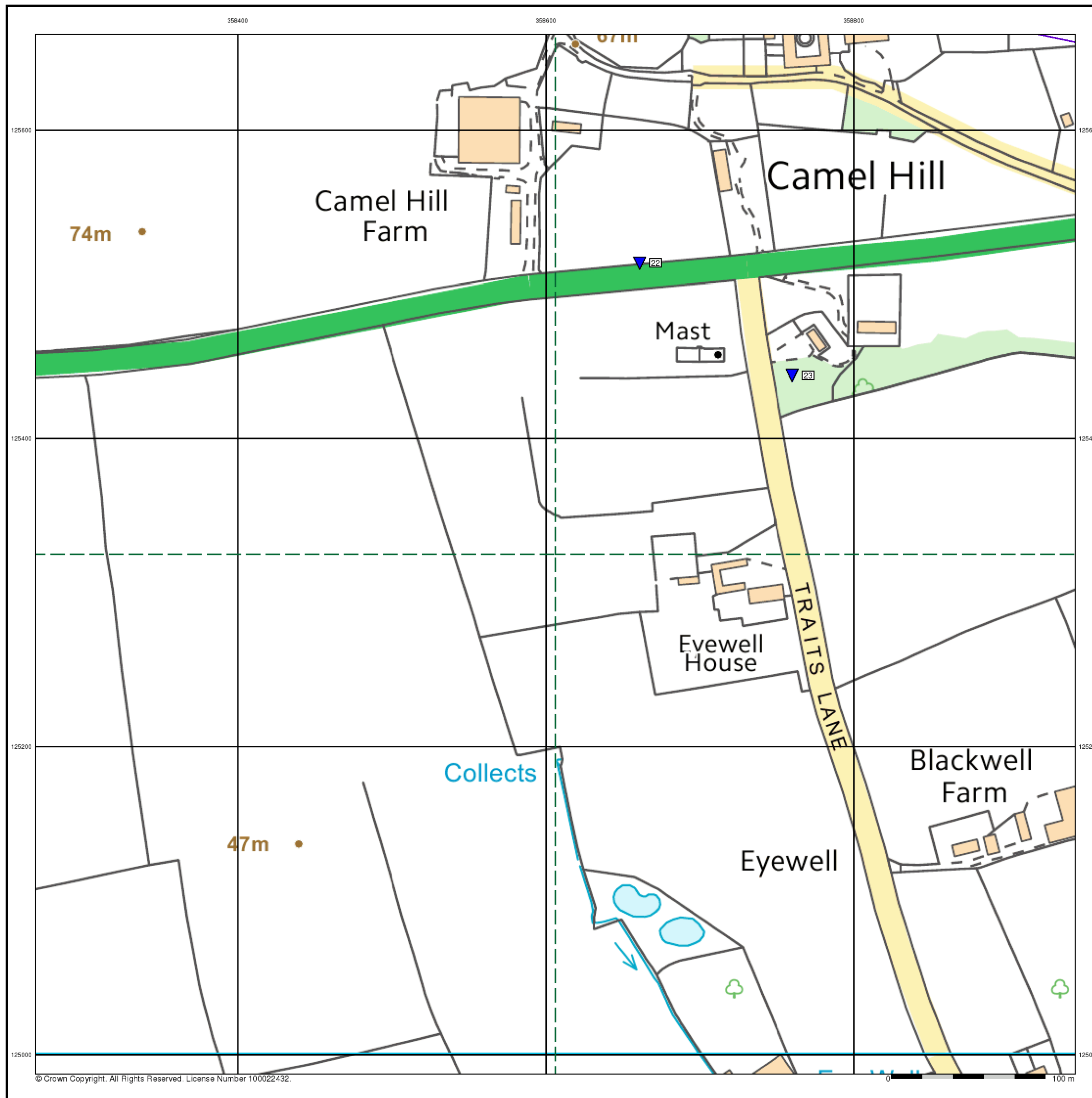


Order Details

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 Site Area (Ha): 10.71

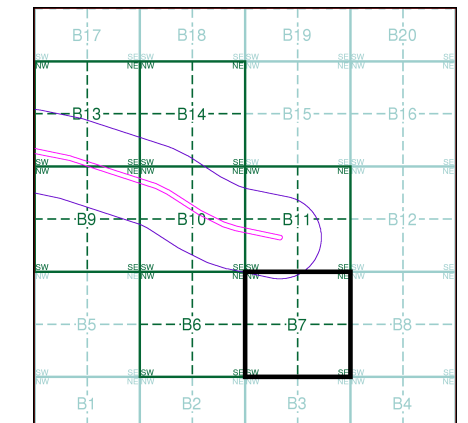
Site Details

Site at, Sparkford, Somerset



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 - Specified Buffer(s)
 - Bearing Reference Point
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 - EA Historic Landfill (Buffered Point)
 - EA Historic Landfill (Polygon)
 - Integrated Pollution Control Registered Waste Site
 - Licensed Waste Management Facility (Landfill Boundary)
 - Licensed Waste Management Facility (Location)
 - Local Authority Recorded Landfill Site (Location)
 - Local Authority Recorded Landfill Site
 - Registered Landfill Site
 - Registered Landfill Site (Location)
 - Registered Landfill Site (Point Buffered to 100m)
 - Registered Landfill Site (Point Buffered to 250m)
 - Registered Waste Transfer Site (Location)
 - Registered Waste Transfer Site
 - Registered Waste Treatment or Disposal Site (Location)
 - Registered Waste Treatment or Disposal Site
- Hazardous Substances**
- COMAH Site
 - Explosive Site
 - NIHHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement
- Geological**
- BGS Recorded Mineral Site
- Industrial Land Use**
- Contemporary Trade Directory Entry
 - Fuel Station Entry

Site Sensitivity Map - Segment B7

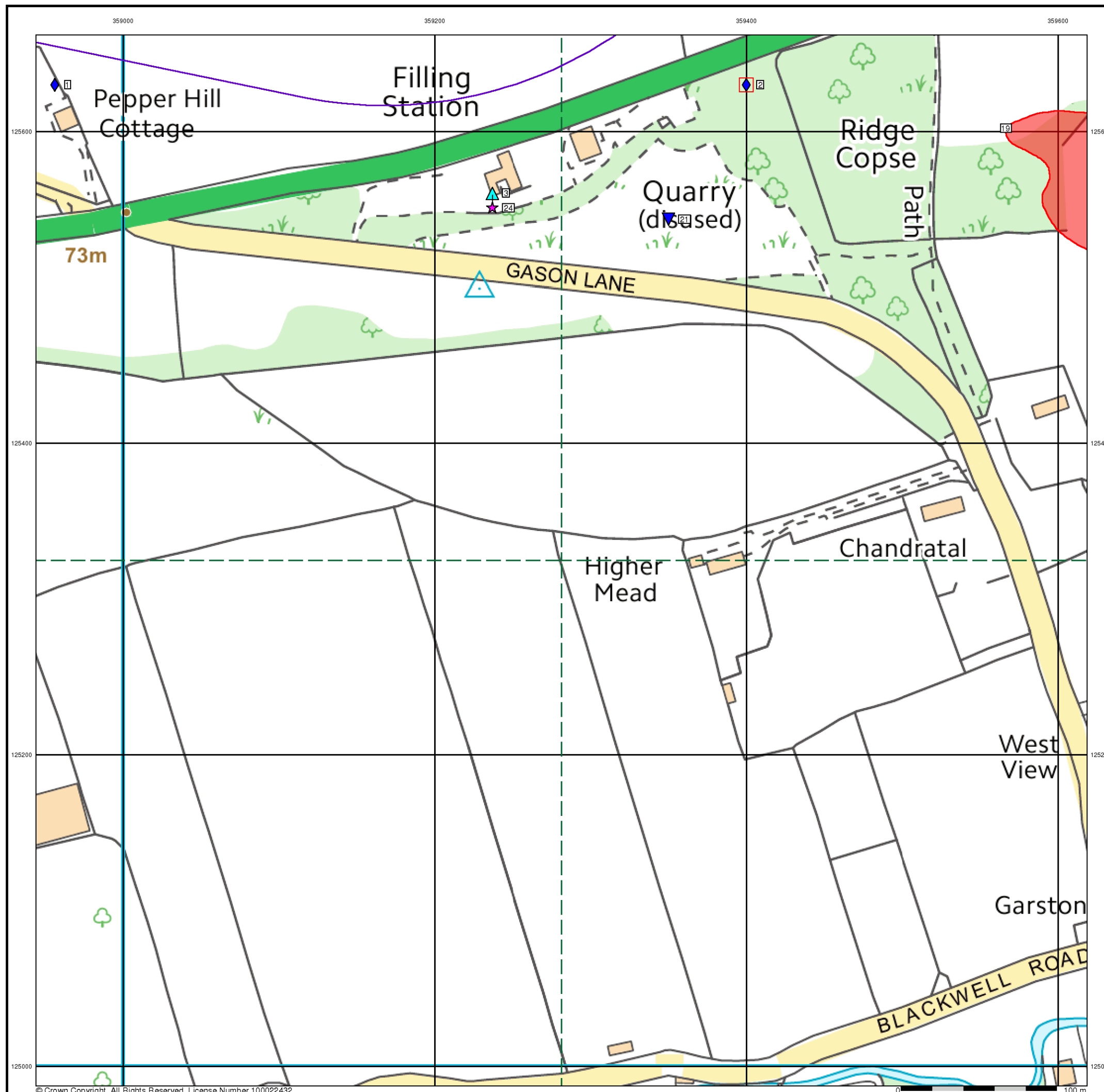


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71

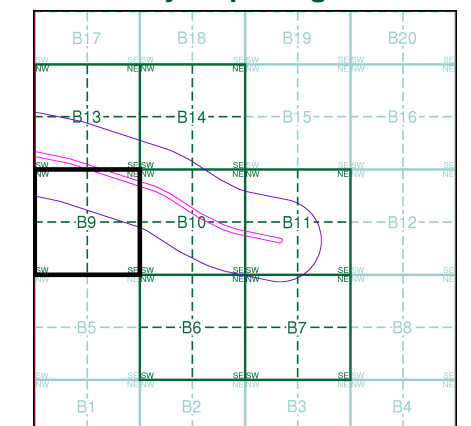
Site Details

Site at, Sparkford, Somerset



- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
 - Several of Type at Location
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
 - Contaminated Land Register Entry or Notice
 - Discharge Consent
 - Enforcement or Prohibition Notice
 - Integrated Pollution Control
 - Integrated Pollution Prevention Control
 - Local Authority Integrated Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control Enforcement
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 - Prosecution Relating to Controlled Waters
 - Registered Radioactive Substance
 - River Network or Water Feature
 - River Quality Sampling Point
 - Substantiated Pollution Incident Register
 - Water Abstraction
 - Water Industry Act Referral
- Waste**
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 - Registered Waste Treatment or Disposal Site
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- COMAH Site
 - Explosive Site
 - NIHHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement
- Geological**
- BGS Recorded Mineral Site
- Industrial Land Use**
- Contemporary Trade Directory Entry
 - Fuel Station Entry

Site Sensitivity Map - Segment B9

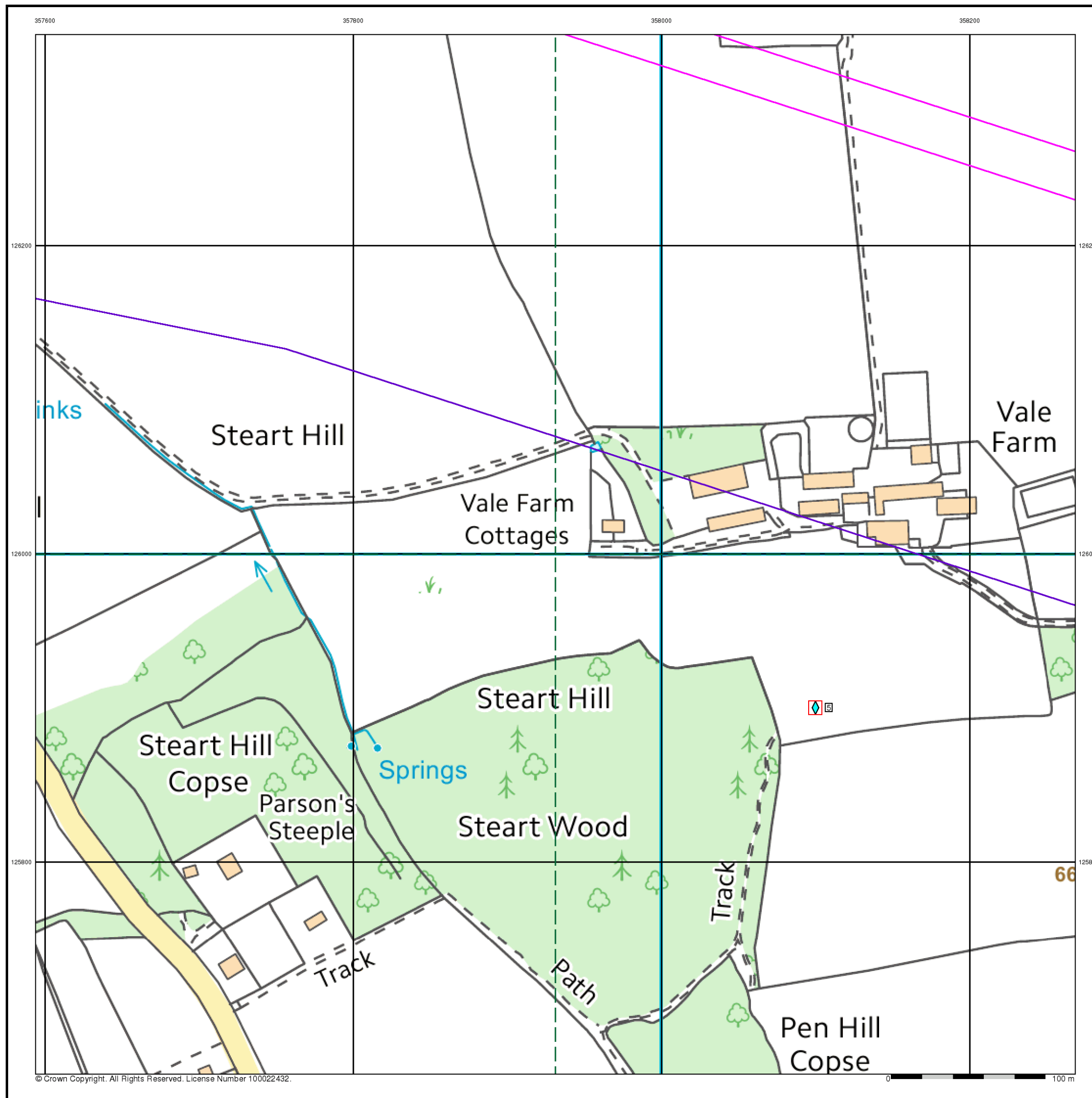


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71

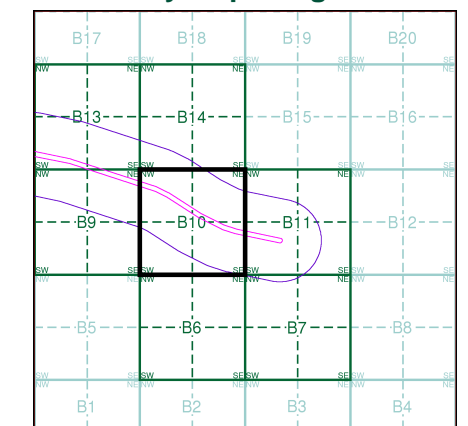
Site Details

Site at, Sparkford, Somerset



- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
 - Several of Type at Location
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
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 - Registered Landfill Site (Location)
 - Registered Landfill Site (Point Buffered to 100m)
 - Registered Landfill Site (Point Buffered to 250m)
 - Registered Waste Transfer Site (Location)
 - Registered Waste Transfer Site
 - Registered Waste Treatment or Disposal Site (Location)
 - Registered Waste Treatment or Disposal Site
- Geological**
- BGS Recorded Mineral Site
- Industrial Land Use**
- Contemporary Trade Directory Entry
 - Fuel Station Entry
- Hazardous Substances**
- COMAH Site
 - Explosive Site
 - NIHHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement

Site Sensitivity Map - Segment B10

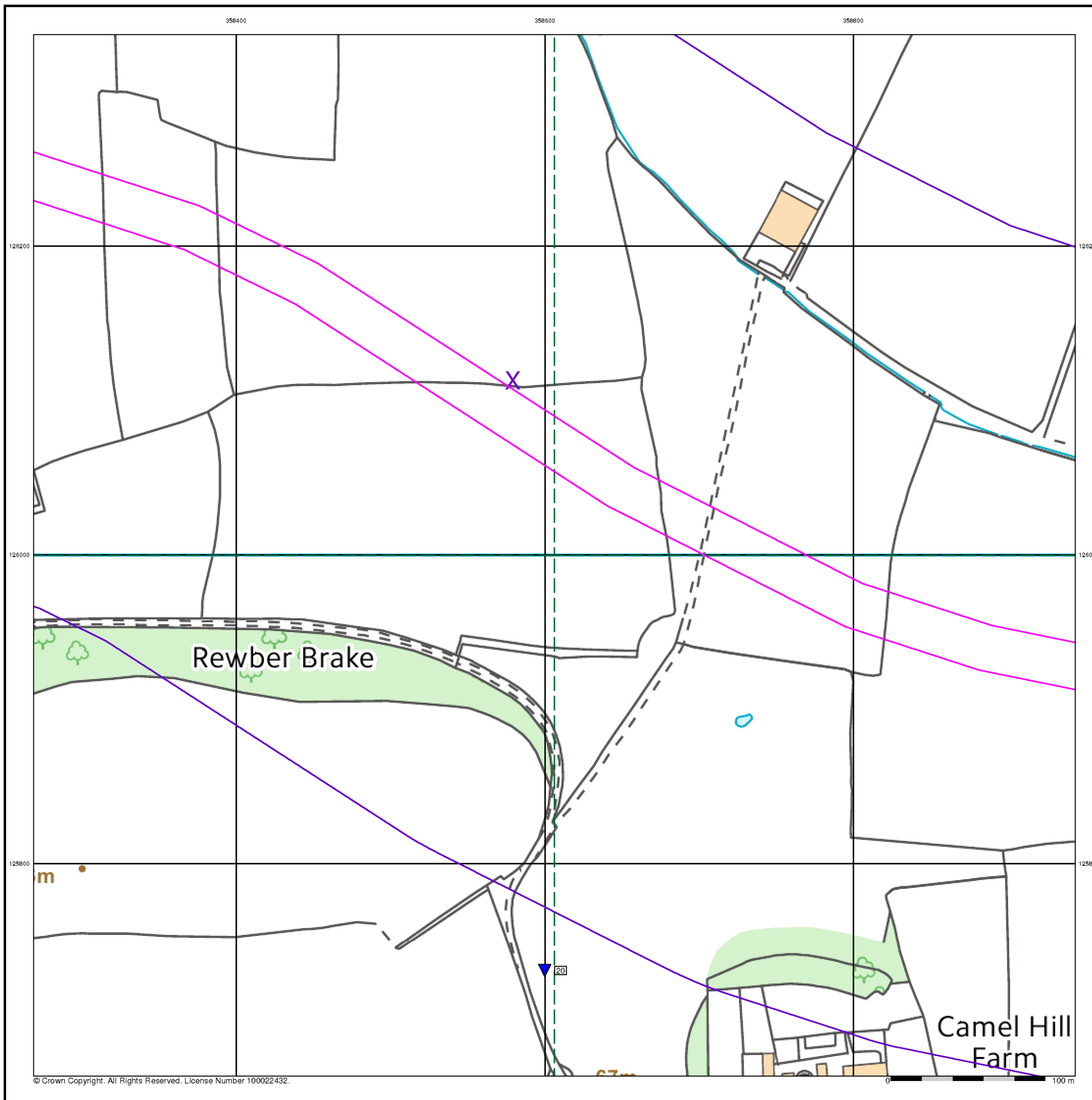


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71

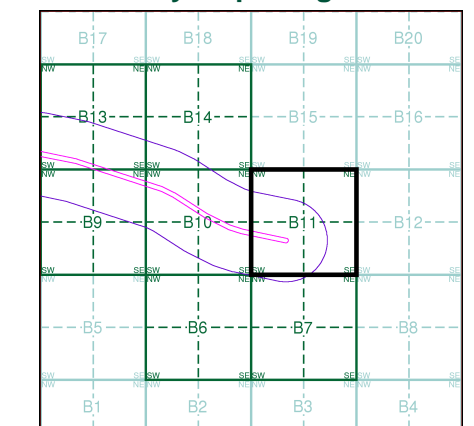
Site Details

Site at, Sparkford, Somerset



- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
 - Several of Type at Location
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
 - Contaminated Land Register Entry or Notice
 - Discharge Consent
 - Enforcement or Prohibition Notice
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 - Integrated Pollution Prevention Control
 - Local Authority Integrated Pollution Prevention and Control
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 - Local Authority Pollution Prevention and Control Enforcement
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 - Registered Landfill Site (Point Buffered to 250m)
 - Registered Waste Transfer Site (Location)
 - Registered Waste Transfer Site
 - Registered Waste Treatment or Disposal Site (Location)
 - Registered Waste Treatment or Disposal Site
- Hazardous Substances**
- COMAH Site
 - Explosive Site
 - NIHHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement
- Geological**
- BGS Recorded Mineral Site
- Industrial Land Use**
- Contemporary Trade Directory Entry
 - Fuel Station Entry

Site Sensitivity Map - Segment B11

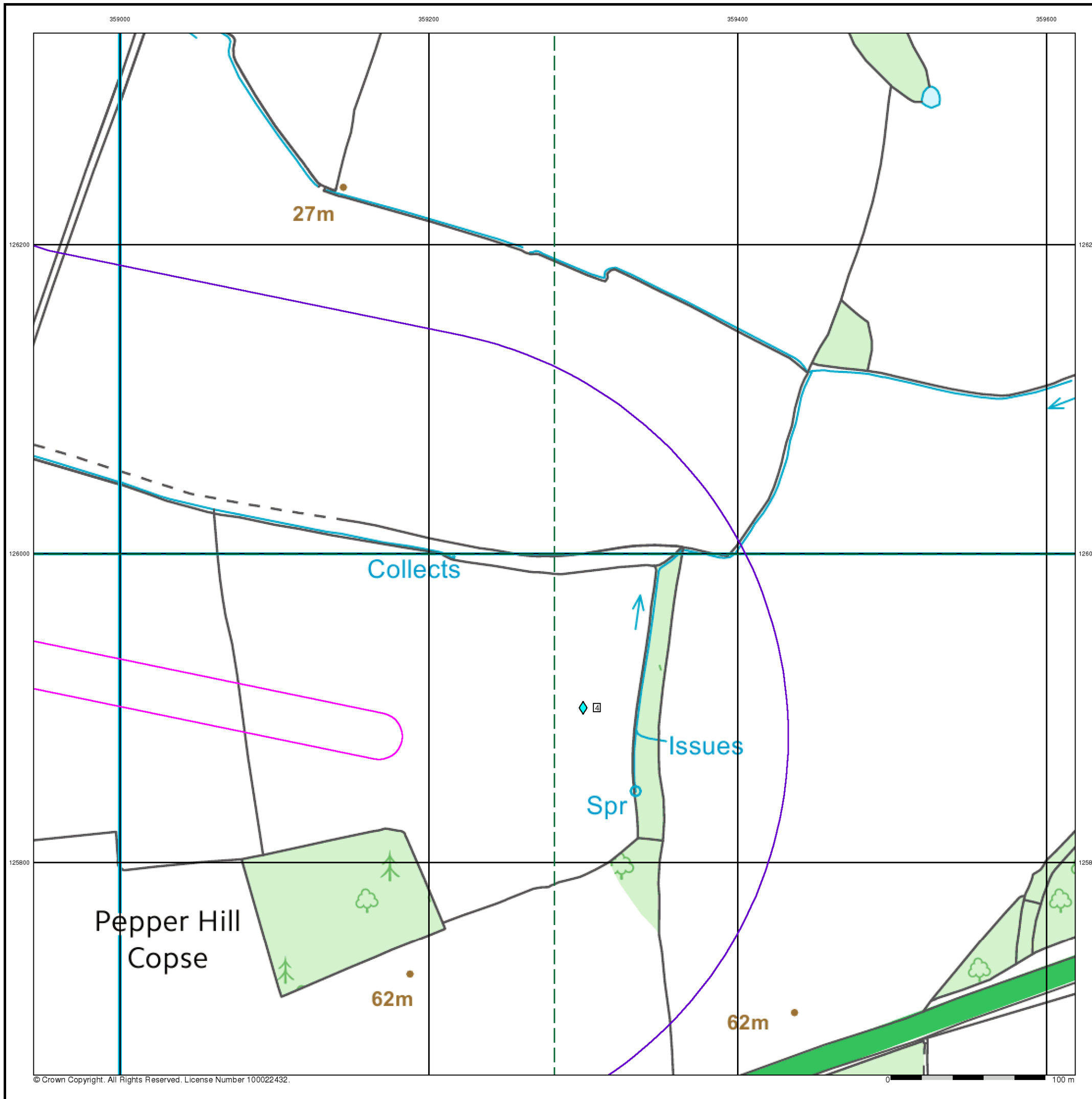


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71

Site Details

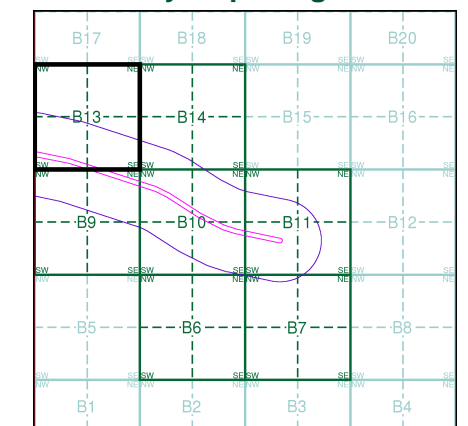
Site at, Sparkford, Somerset



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- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
 - Several of Type at Location
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
 - Contaminated Land Register Entry or Notice
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 - Local Authority Integrated Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control Enforcement
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 - Registered Waste Transfer Site
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 - Registered Waste Treatment or Disposal Site
- Geological**
- BGS Recorded Mineral Site
- Industrial Land Use**
- Contemporary Trade Directory Entry
 - Fuel Station Entry
- Hazardous Substances**
- COMAH Site
 - Explosive Site
 - NIHHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement

Site Sensitivity Map - Segment B13

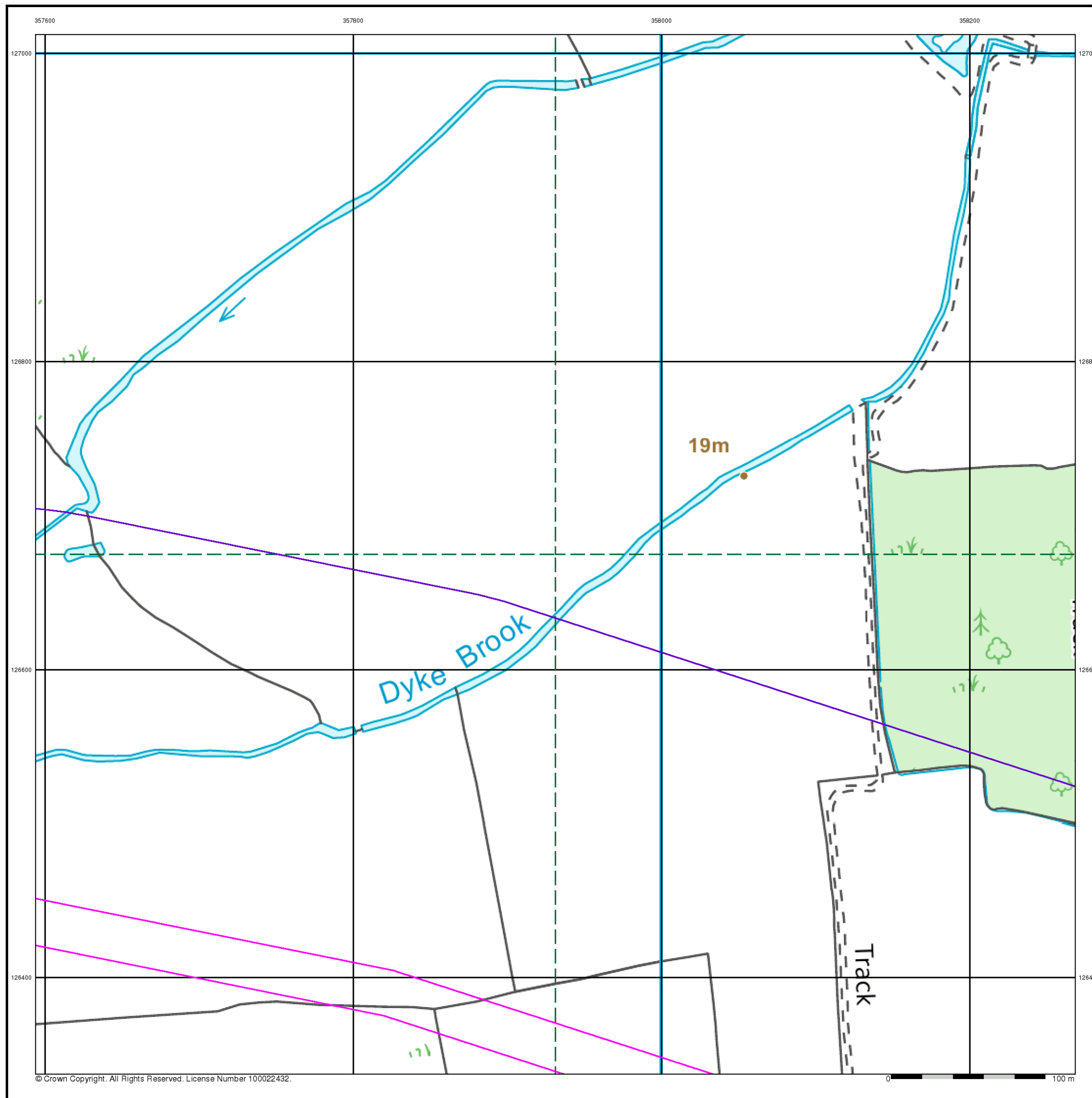


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71

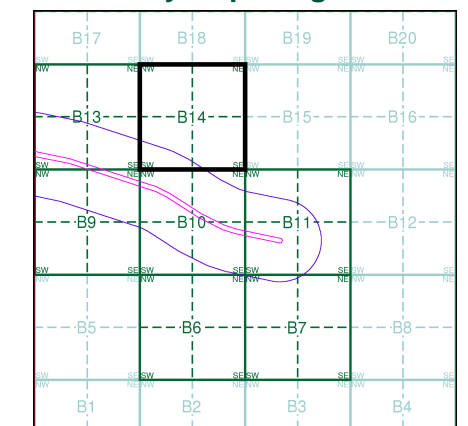
Site Details

Site at, Sparkford, Somerset



- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
 - Several of Type at Location
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
 - Contaminated Land Register Entry or Notice
 - Discharge Consent
 - Enforcement or Prohibition Notice
 - Integrated Pollution Control
 - Integrated Pollution Prevention Control
 - Local Authority Integrated Pollution Prevention and Control
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 - Local Authority Recorded Landfill Site
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 - Registered Waste Transfer Site (Location)
 - Registered Waste Transfer Site
 - Registered Waste Treatment or Disposal Site (Location)
 - Registered Waste Treatment or Disposal Site
- Hazardous Substances**
- COMAH Site
 - Explosive Site
 - NIHHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement
- Geological**
- BGS Recorded Mineral Site
- Industrial Land Use**
- Contemporary Trade Directory Entry
 - Fuel Station Entry

Site Sensitivity Map - Segment B14

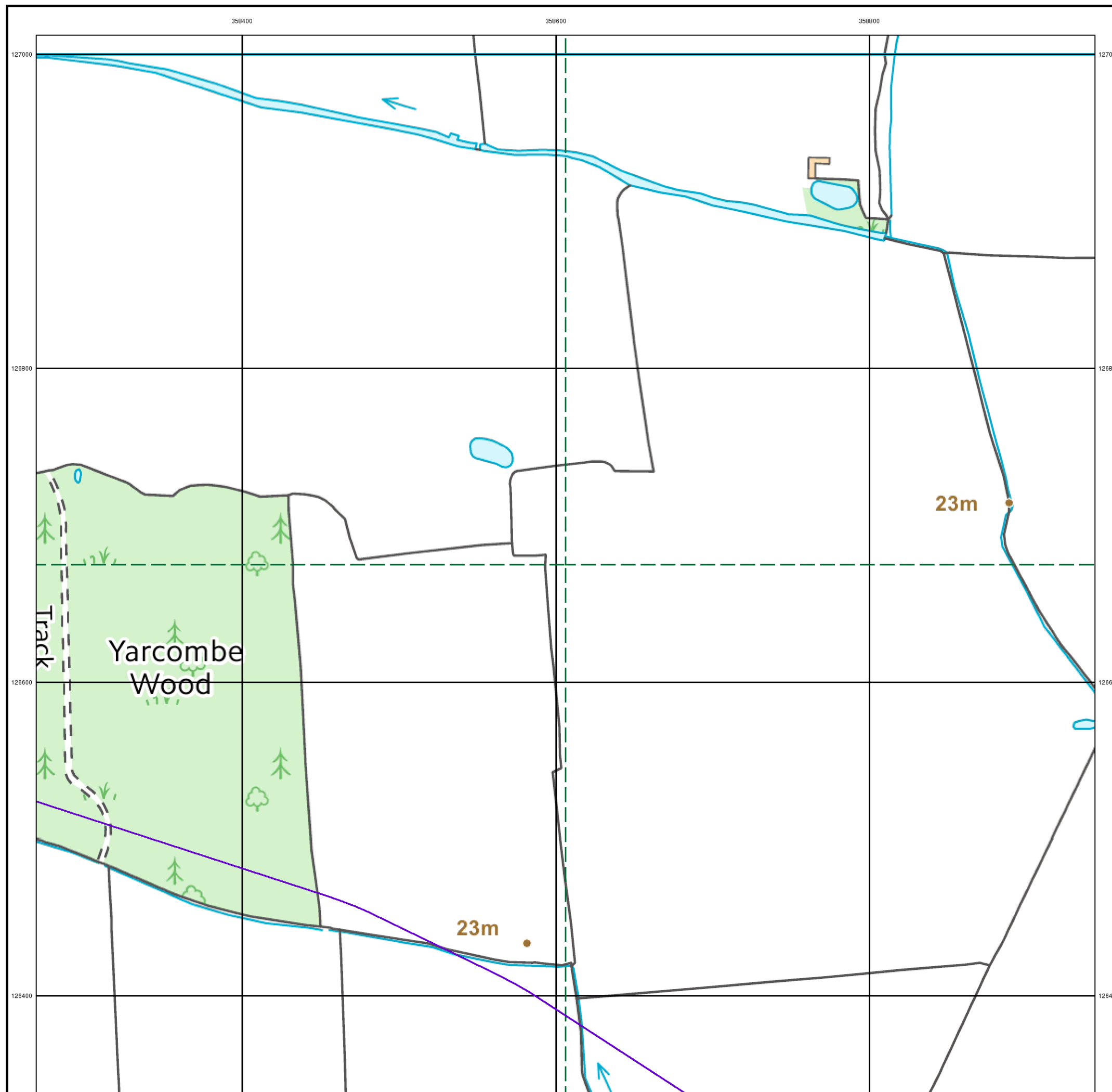


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71

Site Details

Site at, Sparkford, Somerset



Historical Mapping Legends

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

Quarry **Gravel Pit** **Sand Pit**
Clay Pit **Shingle** **Refuse Heap**
Sloping Masonry **Flat Rock**
Marsh **Reeds** **Osiers**
Rough Pasture **Furze** **Wood**
Mixed Wood **Brushwood** **Orchard**
Fir **Ford** **Stepping Stones**
Ferry **Waterfall** **Lock**
Trig. Station **Altitude at Trig. Station**
B.M. 325.9 **Bench Mark** **Surface Level**
Arrow denotes flow of water **Antiquities (site of)**
Cutting **Embankment**
Railway crossing Road **Level Crossing** **Road crossing Railway**
Railway crossing River or Canal **Road over single stream** **Road over River or Canal**
County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
County Borough Boundary (England)
Co. Boro. Bdy.
County Burgh Boundary (Scotland)
Boundary Post or Stone **Police Call Box**
B.R. Bridle Road **P. Pump**
E.P. Electricity Pylon **S.P. Signal Post**
F.B. Foot Bridge **Sl. Sluice**
F.P. Foot Path **Sp. Spring**
G.P. Guide Post or Board **T.C.B. Telephone Call Box**
M.S. Mile Stone **Tr. Trough**
M.P. M.R. Mooring Post or Ring **W. Well**

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

Inactive Quarry, Chalk Pit or Clay Pit **Active Quarry, Chalk Pit or Clay Pit**
Rock **Boulders**
Cliff **Slopes** **Top**
Roofed Building **Glazed Roof Building**
Sloping Masonry **Archway**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Bench Mark** **Antiquity (site of)**
Cave Entrance **Triangulation Station** **Electricity Pylon**
Electricity Transmission Line
County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
London Borough Boundary
Symbol marking point where boundary mereing changes
Beer House **Pillar, Pole or Post**
Boundary Post or Stone **Post Office**
Capstan, Crane **Public Convenience**
Chimney **Public House**
Drinking Fountain **Pump**
Electricity Pillar or Post **Signal Box or Bridge**
Fire Alarm Pillar **Signal Post or Light**
Foot Bridge **Spring**
Guide Post **Tank or Track**
Hydrant or Hydraulic **Telephone Call Box**
Level Crossing **Telephone Call Post**
Manhole **Trough**
Mile Post or Mooring Post **Water Point, Water Tap**
Mile Stone **Well**
Normal Tidal Limit **Wind Pump**

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

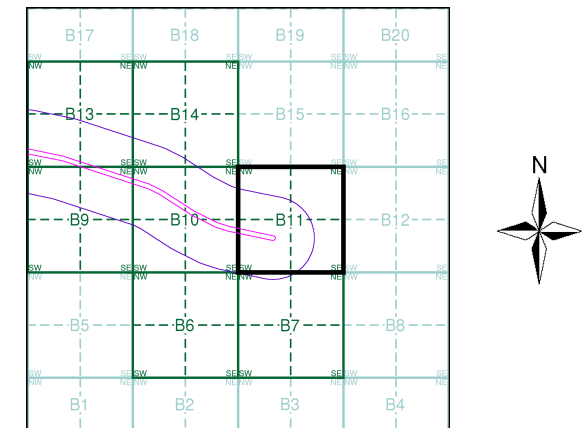
Cliff **Slopes** **Top**
Rock **Rock (scattered)**
Boulders **Boulders (scattered)**
Positioned Boulder **Scree**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Triangulation Station** **Antiquity (site of)**
Electricity Transmission Line **Electricity Pylon**
Bench Mark **Buildings with Building Seed**
Roofed Building **Glazed Roof Building**
Civil parish/community boundary
District boundary
County boundary
Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)
Barracks **Pillar, Pole or Post**
Battery **Post Office**
Cemetery **Public Convenience**
Chimney **Pump**
Cistern **Pumping Station**
Dismtd Rly **Place of Worship**
Electricity Generating Station **Sewage Ppg Sta** **Sewage Pumping Station**
Electricity Pole, Pillar **Signal Box or Bridge**
Electricity Sub Station **Signal Post or Light**
Filter Bed **Spring**
Fountain / Drinking Ftn. **Tank or Track**
Gas Valve Compound **Trough**
Gas Governor **Wind Pump**
Guide Post **Water Point, Water Tap**
Manhole **Works (building or area)**
Mile Post or Mile Stone **Well**

Grontmij

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Somerset	1:2,500	1887	2
Somerset	1:2,500	1903	3
Ordnance Survey Plan	1:2,500	1975	4
Additional SIMs	1:2,500	1990	5
Large-Scale National Grid Data	1:2,500	1995	6
Large-Scale National Grid Data	1:2,500	1996	7

Historical Map - Segment B11



Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 250

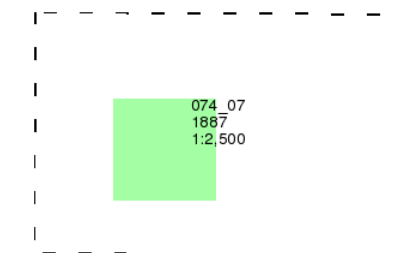
Site Details

Site at, Sparkford, Somerset

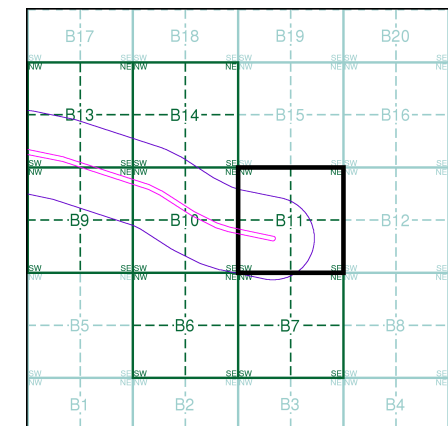
Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk

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

Map Name(s) and Date(s)



Historical Map - Segment B11

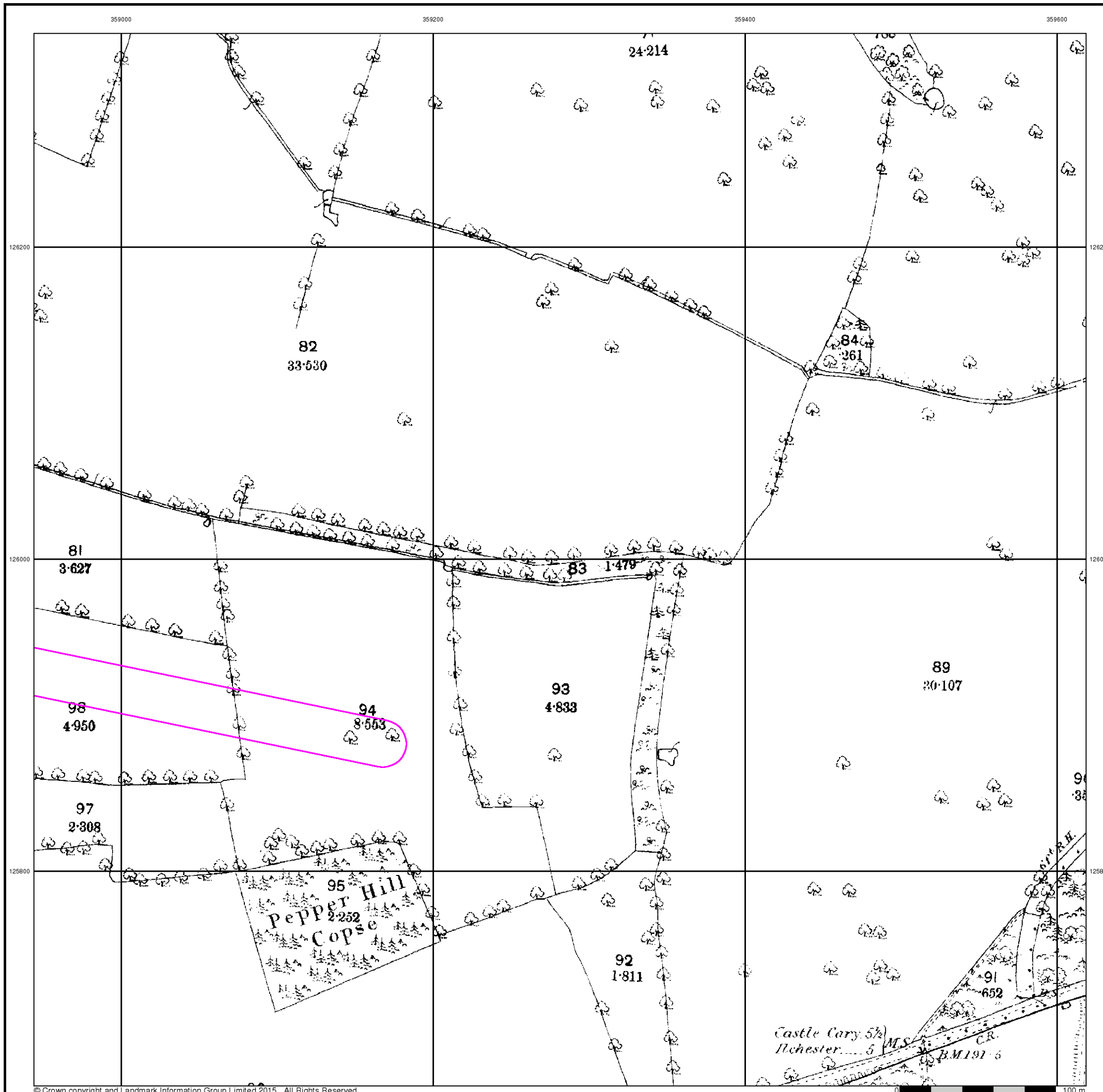


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 250

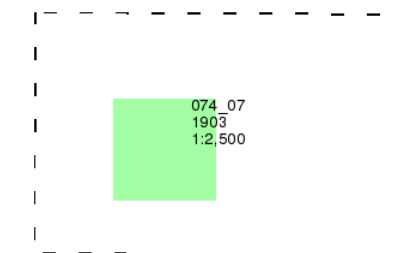
Site Details

Site at, Sparkford, Somerset

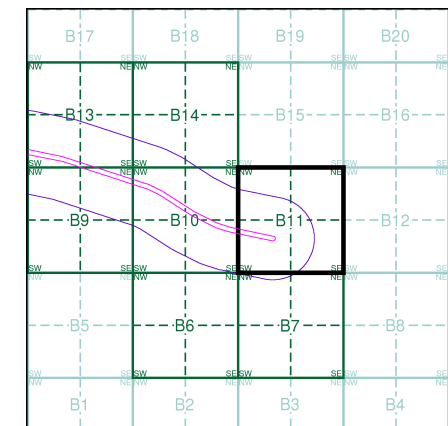


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain.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

Map Name(s) and Date(s)



Historical Map - Segment B11

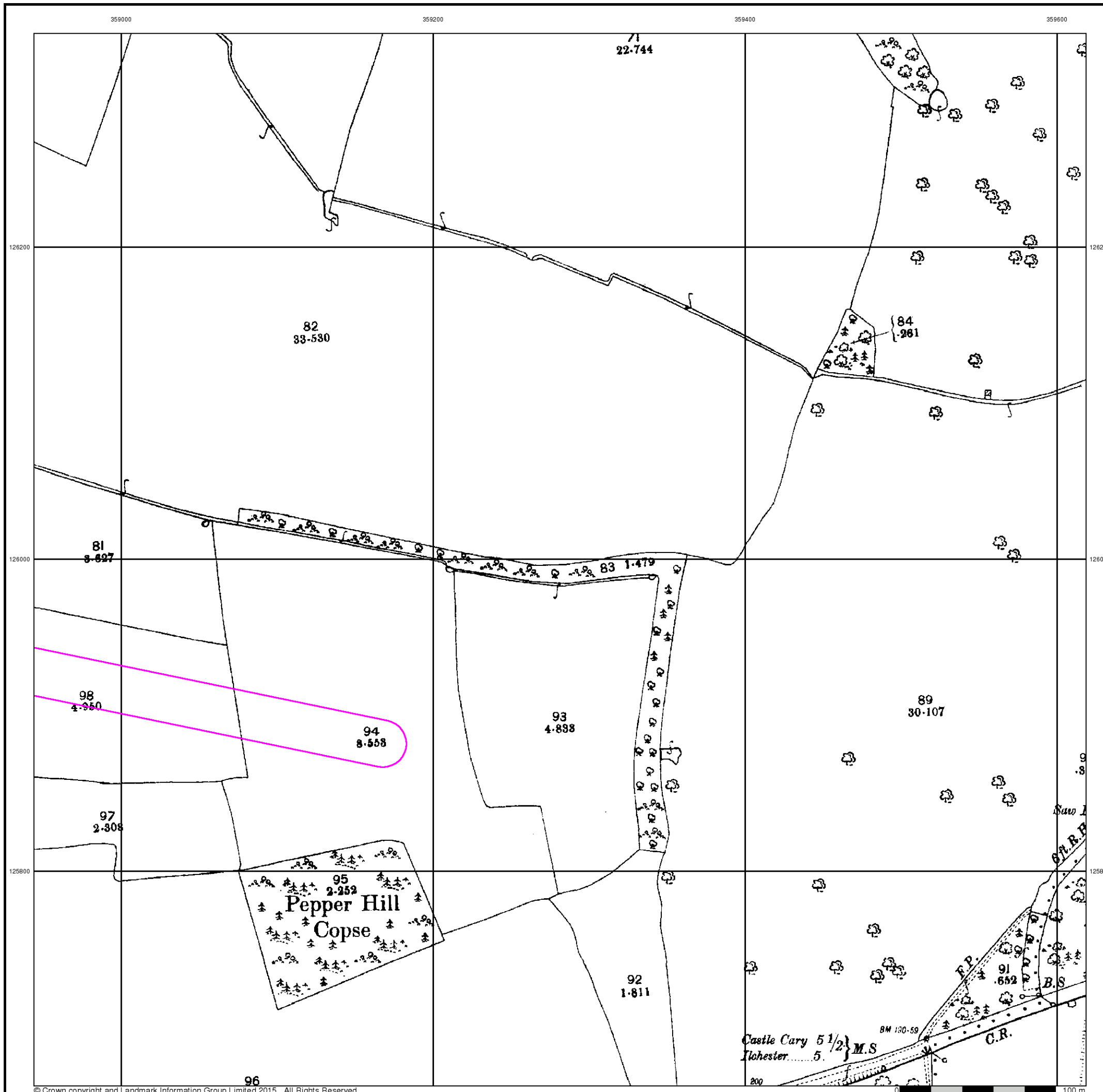


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset



Ordnance Survey Plan

Published 1975

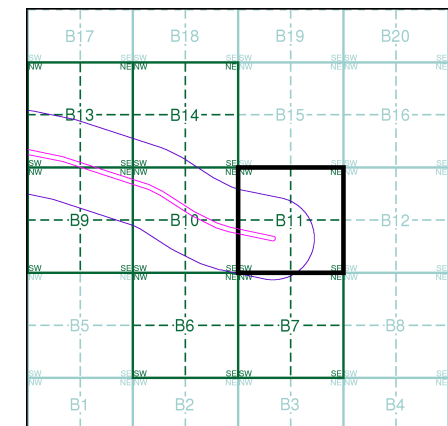
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

ST5826 1975 12,500	ST5926 1975 12,500
ST5825 1975 12,500	ST5925 1975 12,500

Historical Map - Segment B11

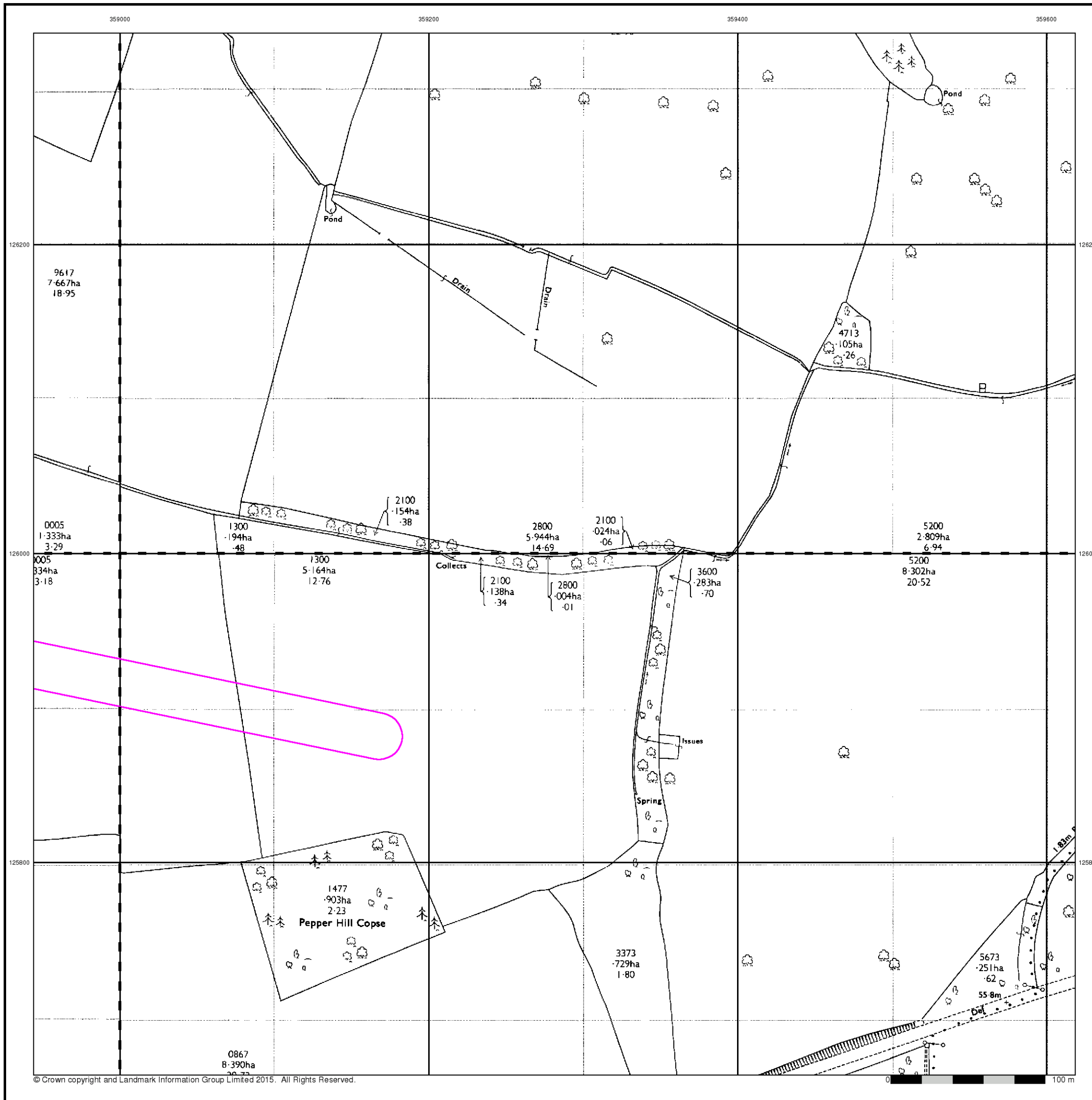


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset



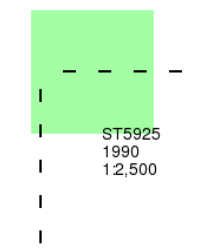
Additional SIMs

Published 1990

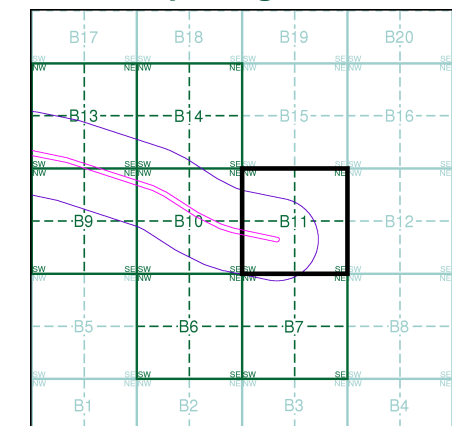
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment B11

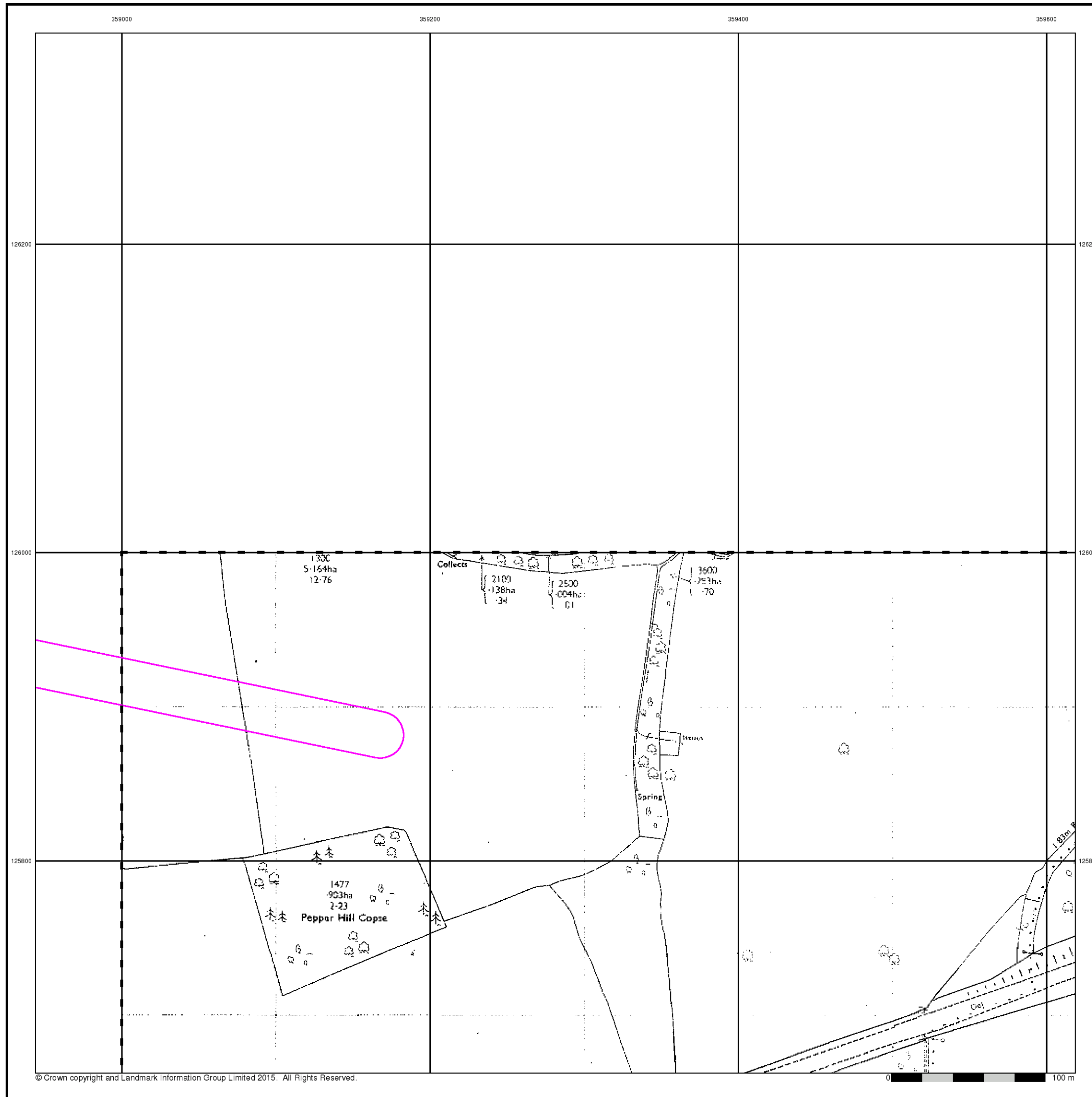


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset

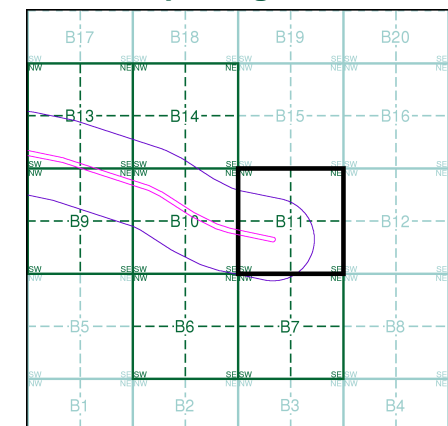


'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic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

Map Name(s) and Date(s)

ST5826 1995 1:2,500	ST5926 1995 1:2,500
ST5825 1995 1:2,500	ST5925 1995 1:2,500

Historical Map - Segment B11

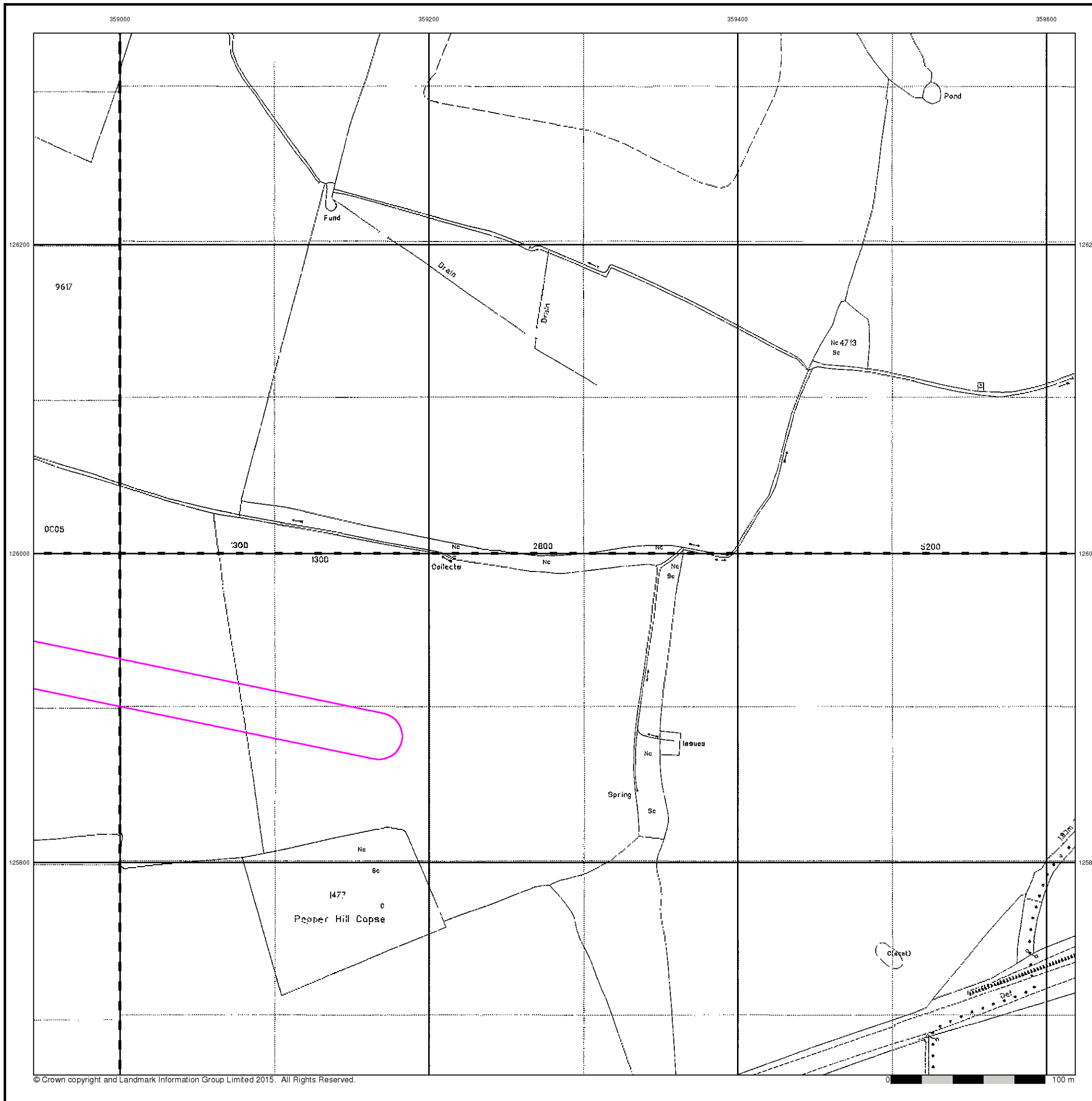


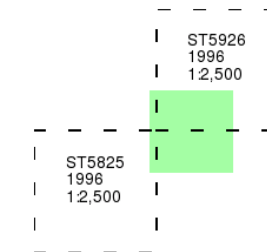
Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
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 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 250

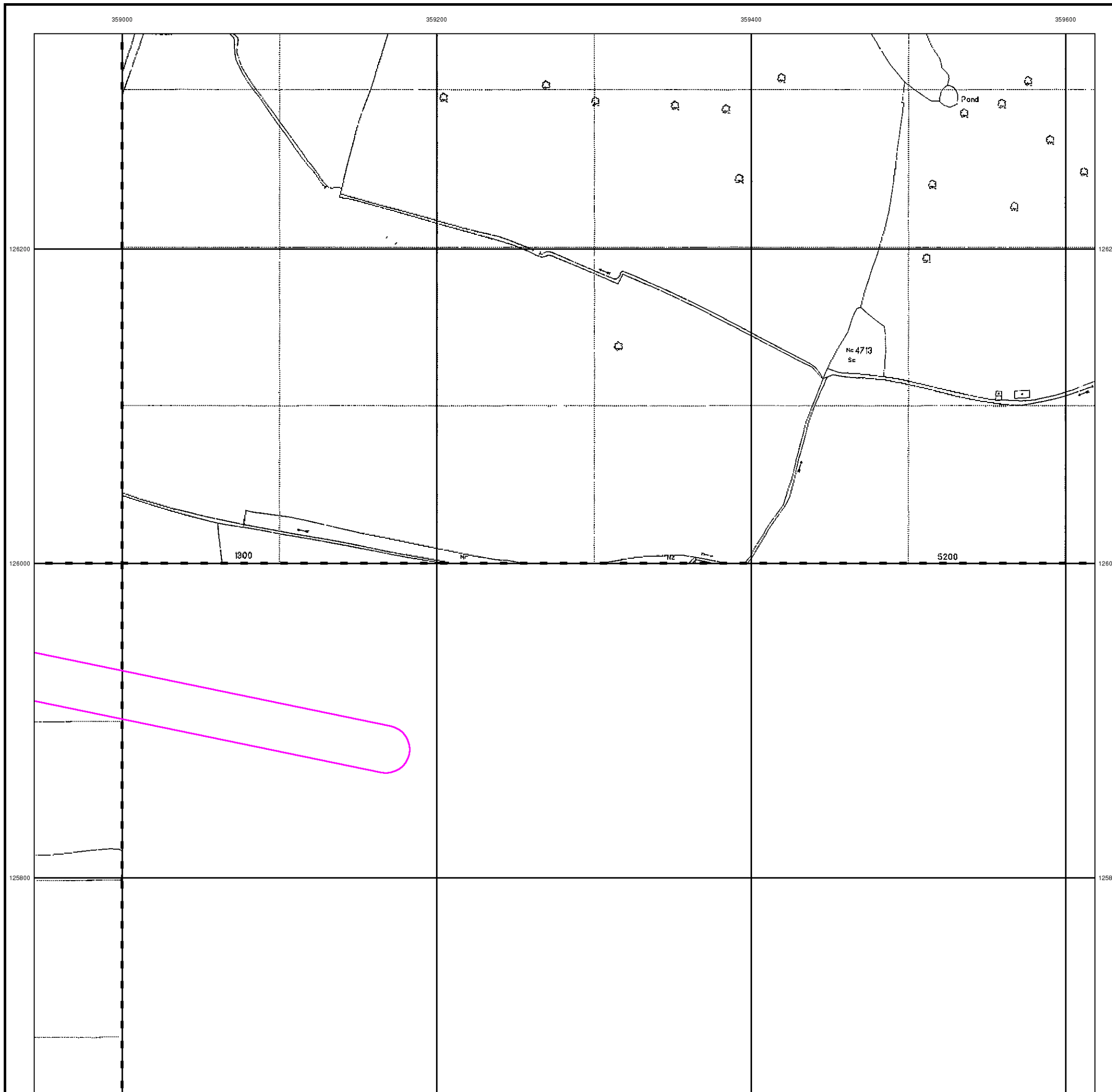
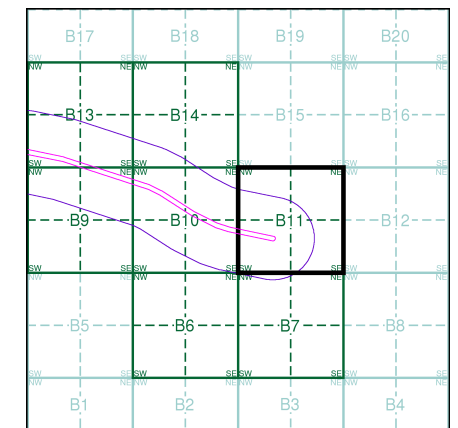
Site Details

Site at, Sparkford, Somerset





Historical Map - Segment B11




Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

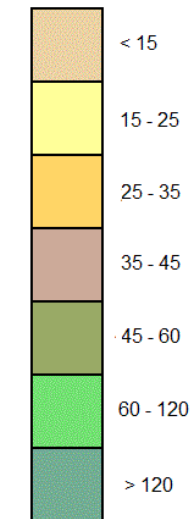
Site at, Sparkford, Somerset

General

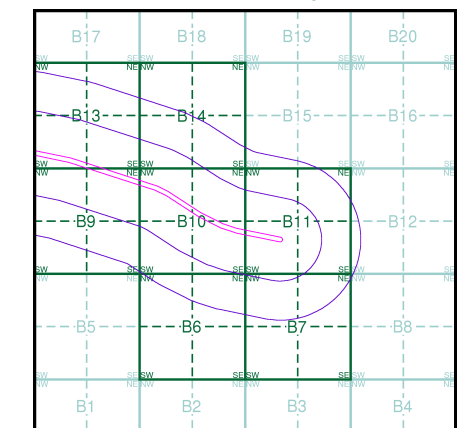
-  Specified Site
-  Specified Buffer(s)
-  Bearing Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg



Estimated Soil Chemistry Arsenic - Slice B

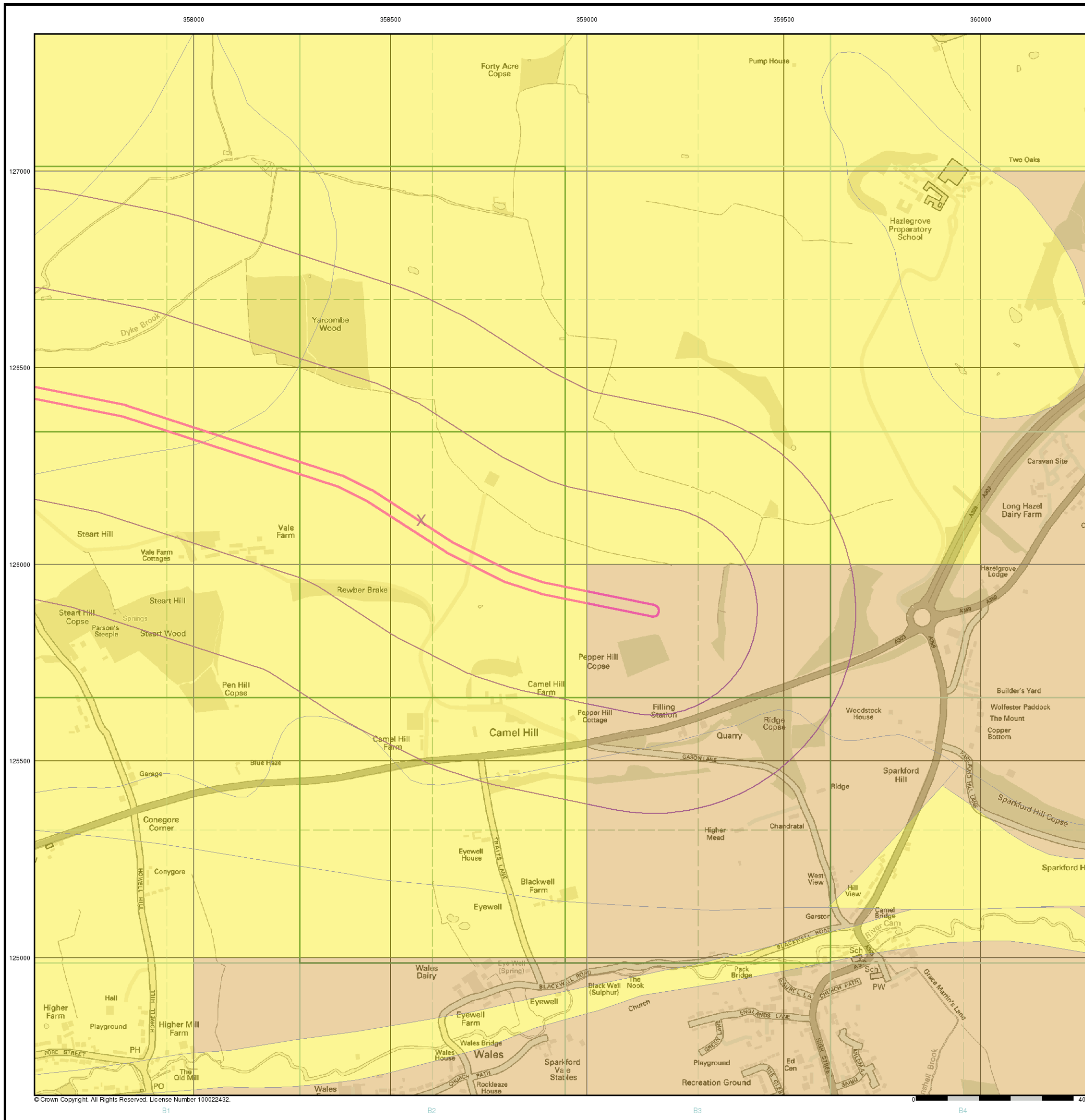


Order Details

Order Details: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 500


Site Details

Site at, Sparkford, Somerset



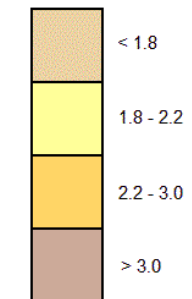
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General

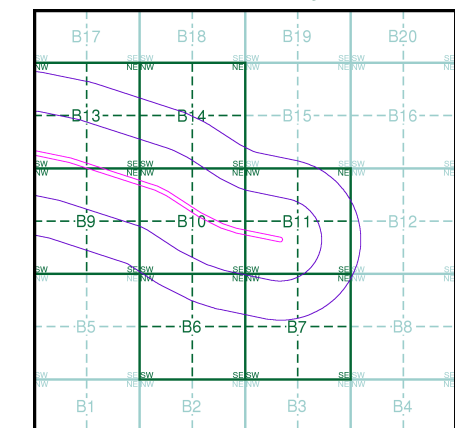
-  Specified Site
-  Specified Buffer(s)
-  Bearing Reference Point

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg



Estimated Soil Chemistry Cadmium - Slice B

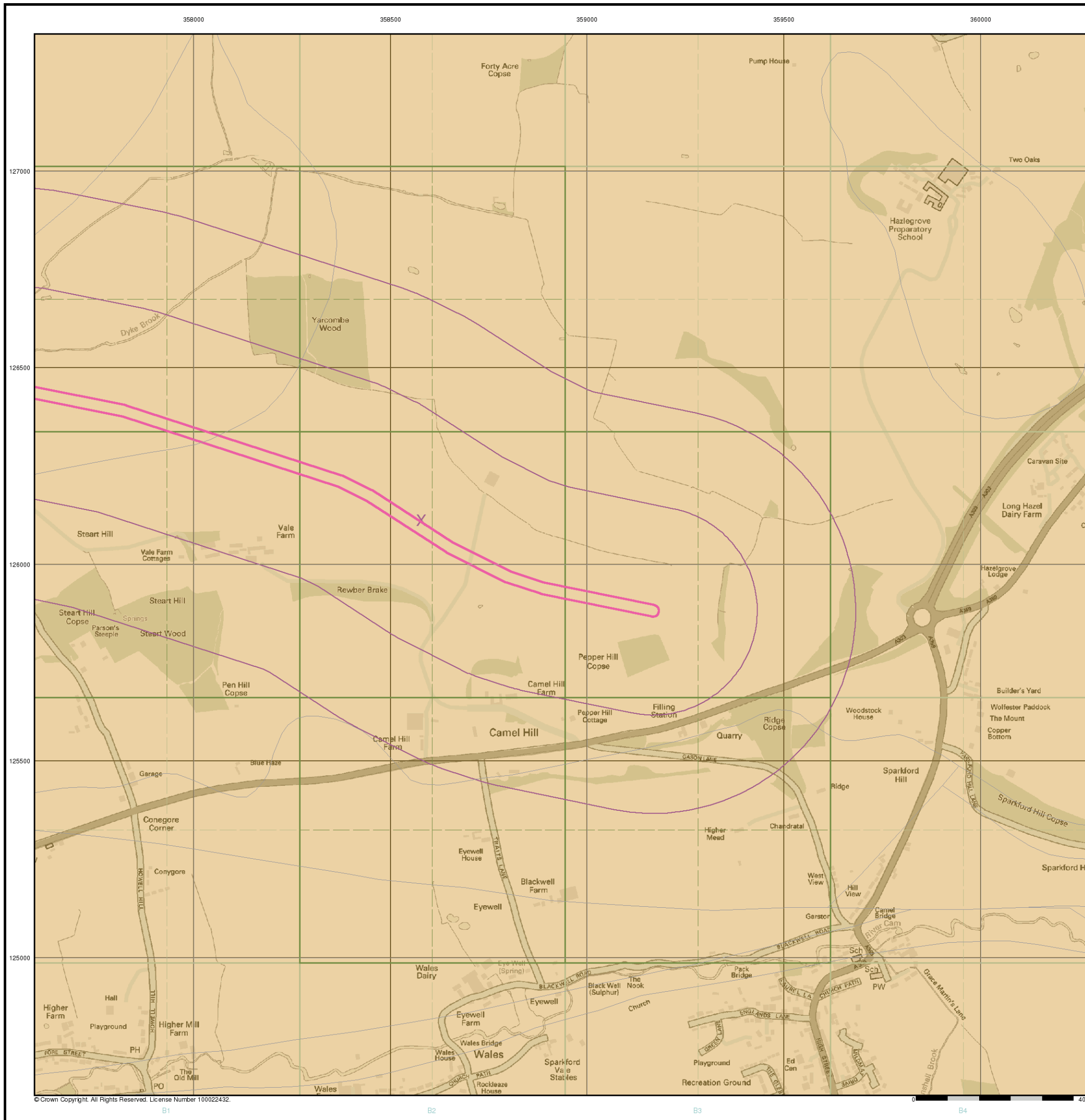


Order Details

Order Details: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 500

Site Details

Site at, Sparkford, Somerset



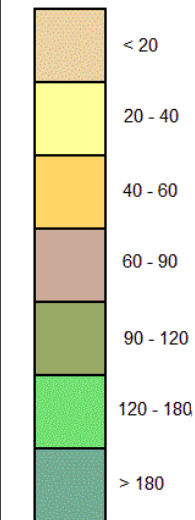
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General

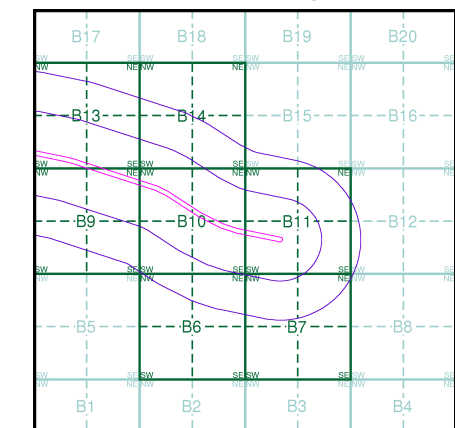
-  Specified Site
-  Specified Buffer(s)
-  Bearing Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg



Estimated Soil Chemistry Chromium - Slice B

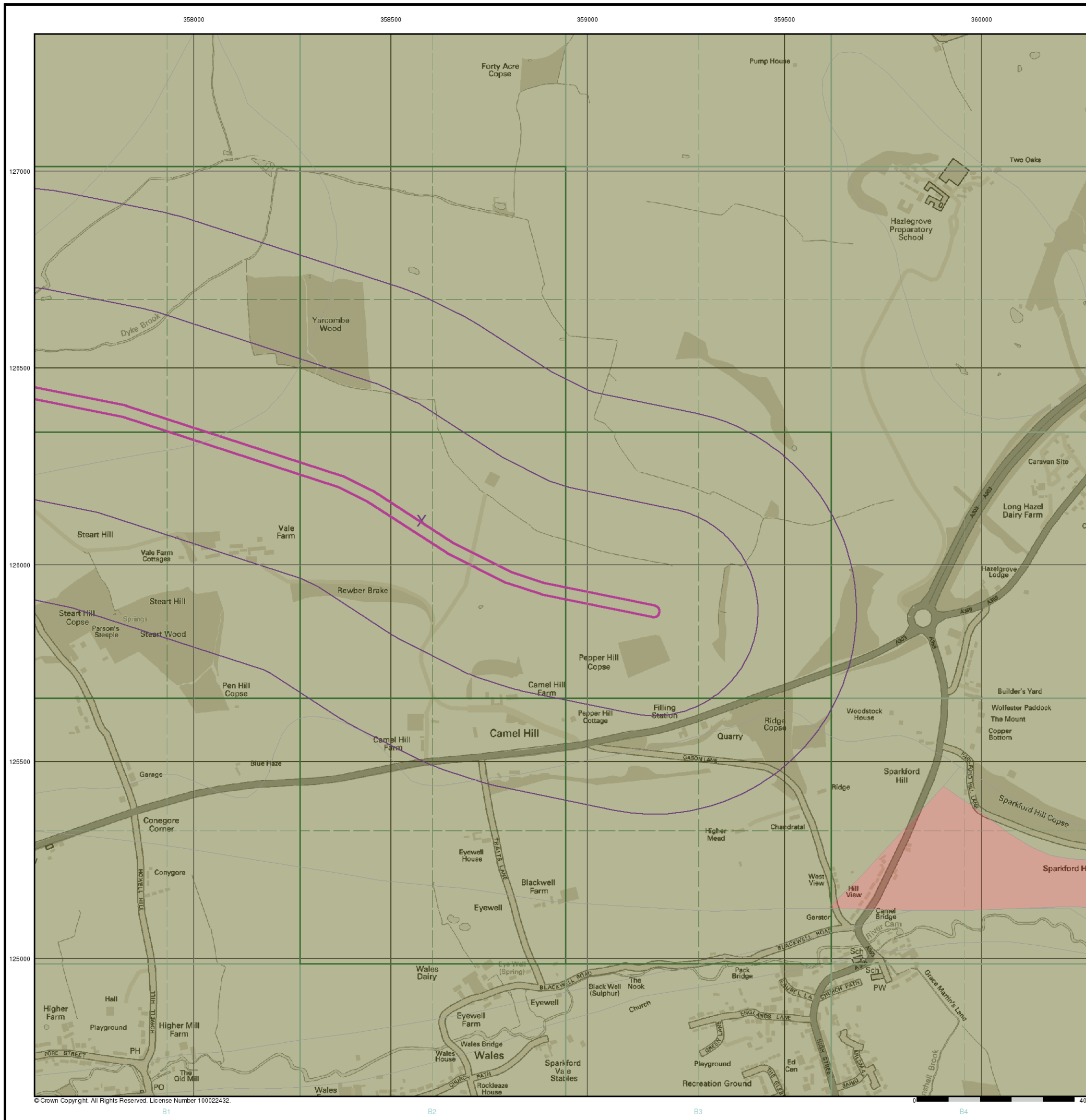


Order Details

Order Details: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 500

Site Details

Site at, Sparkford, Somerset



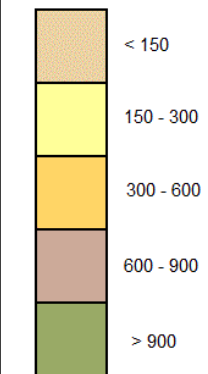
© Crown Copyright. All Rights Reserved. License Number 100022432.

General

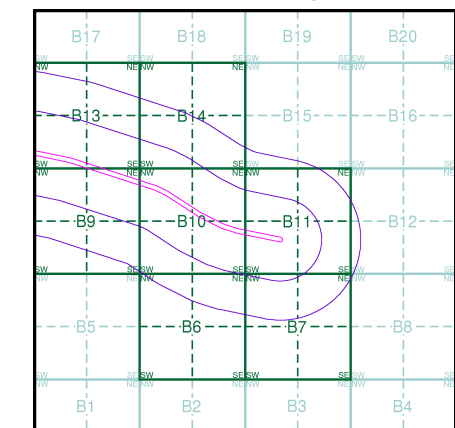
- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg



Estimated Soil Chemistry Lead - Slice B

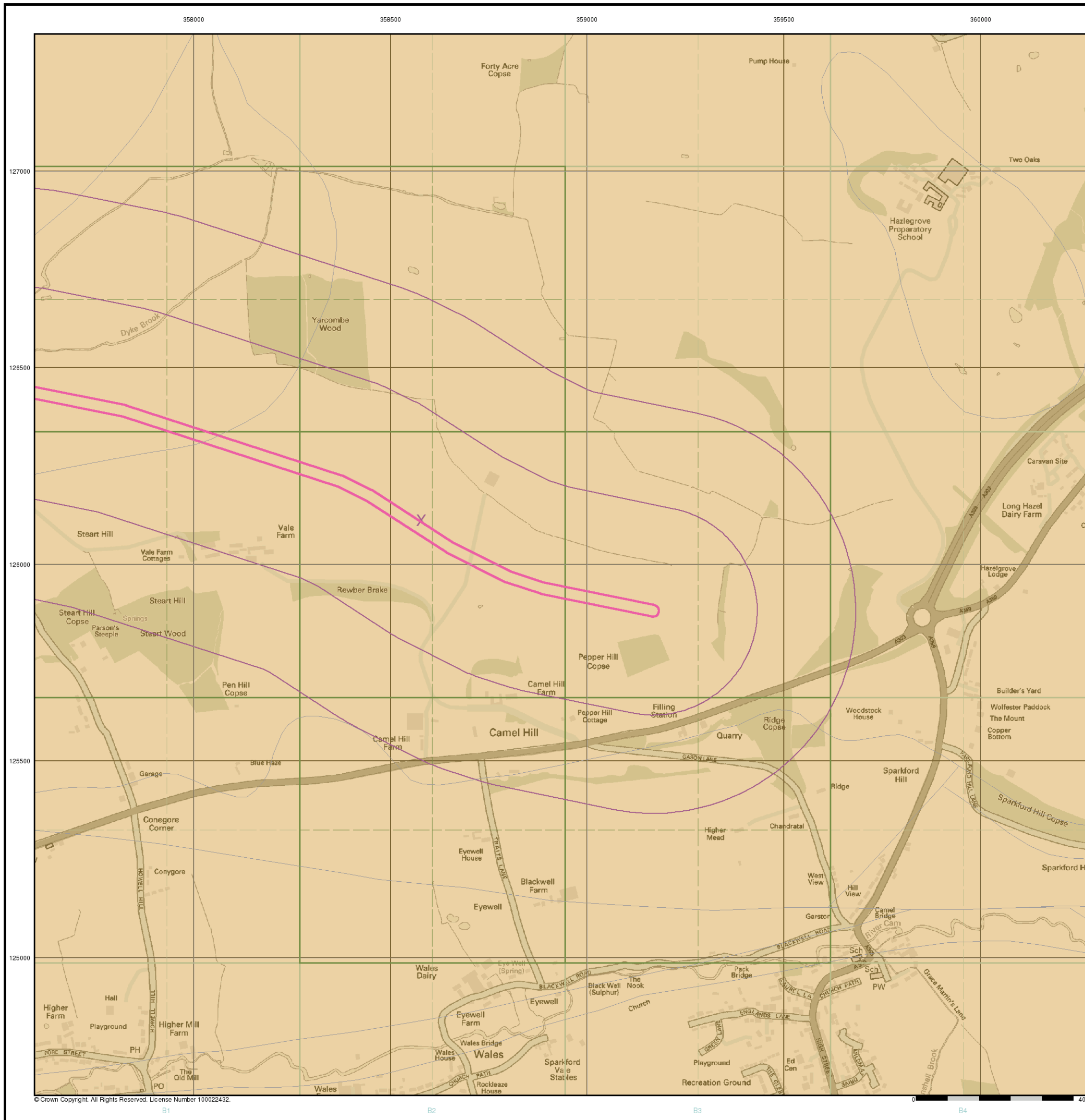


Order Details

Order Details: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 500




Site Details

Site at, Sparkford, Somerset



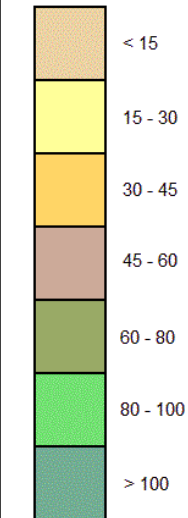
© Crown Copyright. All Rights Reserved. License Number 100022432.

General

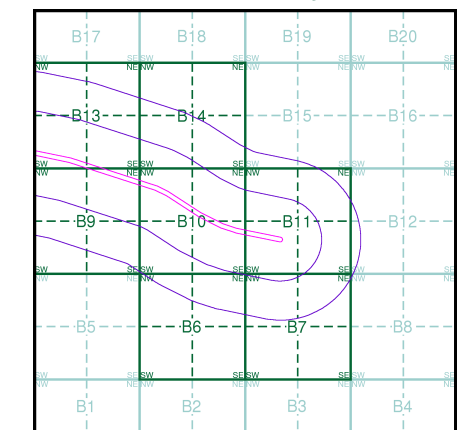
-  Specified Site
-  Specified Buffer(s)
-  Bearing Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg



Estimated Soil Chemistry Nickel - Slice B

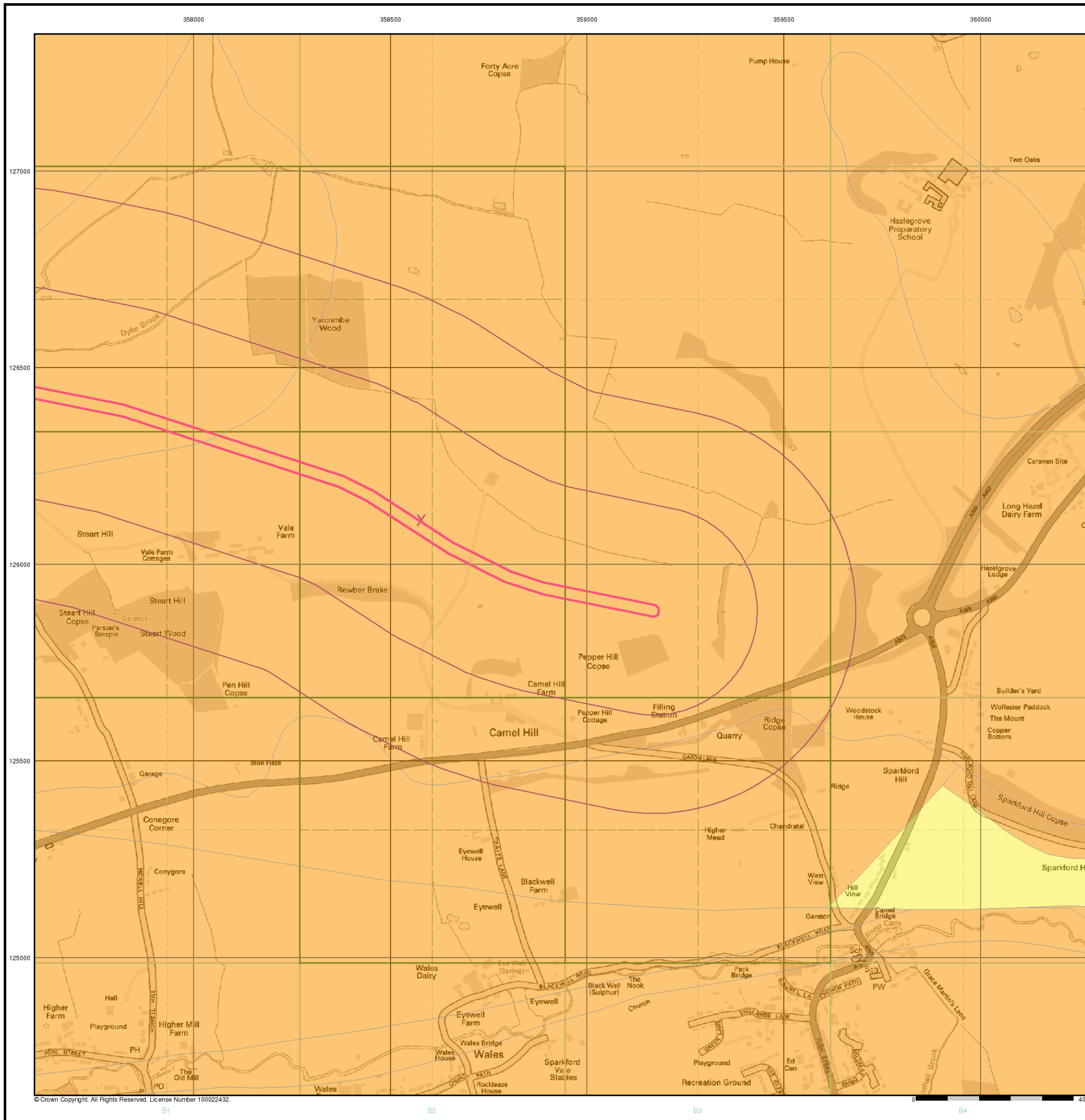


Order Details

Order Details: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 500

Site Details

Site at, Sparkford, Somerset



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Pre-Desk Study Assessment

Site:	A303 Sparkford to Ilchester, Somerset
Client:	Grontmij
Contact:	Alex Rowlay
Date:	15 th February 2016
Pre-WWI Military Activity on or Affecting the Site	None identified.
WWI Military Activity on or Affecting the Site	None identified.
WWI Strategic Targets (within 5km of Site)	The following strategic targets were located in the vicinity of the Site: <ul style="list-style-type: none"> ■ Transport infrastructure.
WWI Bombing	None identified on the Site.
Interwar Military Activity on or Affecting the Site	None identified.
WWII Military Activity on or Affecting the Site	None identified.
WWII Strategic Targets (within 5km of Site)	The following strategic targets were located in the vicinity of the Site: <ul style="list-style-type: none"> ■ Military airfields, including Royal Naval Air Station (RNAS) Yeovilton. ■ Military camps and training areas. ■ Industries involved in wartime production, including aircraft manufacturers. ■ Transport infrastructure. ■ Anti-Aircraft (AA) and anti-invasion defences.
WWII Bombing Decoys (within 5km of Site)	1No. approximately 4.8km west of the Site.
WWII Bombing	<p>During WWII the Site straddled the boundaries of the Rural Districts (RD) of Yeovil and Wincanton.</p> <p>Yeovil RD officially recorded 163No. High Explosive (HE) bombs with a very low regional bombing density of 3.2 HE bombs per 405 hectares (ha).</p> <p>Wincanton RD officially recorded 134No. HE bombs with a very low regional bombing density of 2.1 HE bombs per 405 ha.</p> <p>No readily available records of any bombs falling on the Site have been found. The closest fell on RNAS Yeovilton, approximately 1km from the Site.</p> <p>In May 1944 1No. Dornier bomber aircraft crashed at Camel Cross, adjacent to the Site, during an attempted raid on Bristol. The aircraft was carrying 4No. 500kg HE bombs.</p>
Post-WWII Military Activity on or Affecting the Site	None identified.

Recommendation

No readily available records of bombing or other significant military activity on the Site have been found. It is considered that the Site is likely to have a low Unexploded Ordnance (UXO) hazard level.

A detailed desk study, whilst always prudent, is likely to do no more than confirm a low UXO hazard level for the Site.

This summary is based on a cursory review of readily available records. Caution is advised if you plan to action work based on this summary. It is possible that further research may change the level of identified hazard.

Appendix C: Historical maps

Historical Mapping Legends

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

Quarry **Gravel Pit** **Sand Pit**
Clay Pit **Shingle** **Refuse Heap**
Sloping Masonry **Flat Rock**
Marsh **Reeds** **Osiers**
Rough Pasture **Furze** **Wood**
Mixed Wood **Brushwood** **Orchard**
Fir **Ford** **Stepping Stones**
Ferry **Waterfall** **Lock**
Trig. Station **Altitude at Trig. Station**
B.M. 325.9 **Bench Mark** **Surface Level**
Arrow denotes flow of water **Antiquities (site of)**
Cutting **Embankment**
Railway crossing Road **Level Crossing** **Road crossing Railway**
Railway crossing River or Canal **Road over single stream** **Road over River or Canal**
County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
County Borough Boundary (England)
Co. Boro. Bdy.
County Burgh Boundary (Scotland)
BP BS Boundary Post or Stone **P.C.B** Police Call Box
B.R. Bridle Road **P** Pump
E.P Electricity Pylon **S.P** Signal Post
F.B. Foot Bridge **SL** Sluice
F.P. Foot Path **Sp.** Spring
G.P Guide Post or Board **T.C.B** Telephone Call Box
M.S Mile Stone **Tr.** Trough
M.P M.R Mooring Post or Ring **W** Well

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

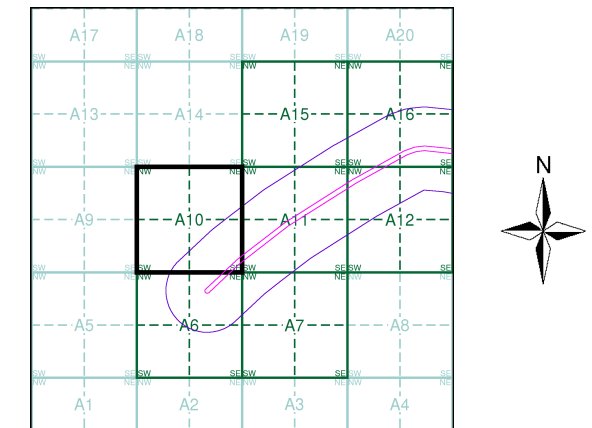
Inactive Quarry, Chalk Pit or Clay Pit **Active Quarry, Chalk Pit or Clay Pit**
Rock **Boulders**
Cliff
Roofed Building **Glazed Roof Building**
Sloping Masonry **Archway**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Bench Mark** **Antiquity (site of)**
Cave Entrance **Triangulation Station** **Electricity Pylon**
Electricity Transmission Line
County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
London Borough Boundary
Symbol marking point where boundary mereing changes
BH Beer House **P** Pillar, Pole or Post
BP, BS Boundary Post or Stone **PO** Post Office
Cn, C Capstan, Crane **PC** Public Convenience
Chy Chimney **PH** Public House
D Fn Drinking Fountain **Pp** Pump
EI P Electricity Pillar or Post **SB, S Br** Signal Box or Bridge
FAP Fire Alarm Pillar **SP, SL** Signal Post or Light
FB Foot Bridge **Spr** Spring
GP Guide Post **Tk** Tank or Track
H Hydrant or Hydraulic **TCB** Telephone Call Box
LC Level Crossing **TCP** Telephone Call Post
MH Manhole **Tr** Trough
MP Mile Post or Mooring Post **Wr Pt, Wr T** Water Point, Water Tap
MS Mile Stone **W** Well
NTL Normal Tidal Limit **Wd Pp** Wind Pump

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

Cliff
Slopes **Top**
Rock **Rock (scattered)**
Boulders **Boulders (scattered)**
Positioned Boulder **Scree**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Triangulation Station** **Antiquity (site of)**
Electricity Transmission Line **Electricity Pylon**
BM 231.60m Bench Mark **Buildings with Building Seed**
Roofed Building **Glazed Roof Building**
Civil parish/community boundary
District boundary
County boundary
Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)
Bks Barracks **P** Pillar, Pole or Post
Bty Battery **PO** Post Office
Cemy Cemetery **PC** Public Convenience
Chy Chimney **Pp** Pump
Cis Cistern **Ppg Sta** Pumping Station
Dismtd Rly Dismantled Railway **PW** Place of Worship
EI Gen Sta Electricity Generating Station **Sewage Ppg Sta** Sewage Pumping Station
EI P Electricity Pole, Pillar **SB, S Br** Signal Box or Bridge
EI Sub Sta Electricity Sub Station **SP, SL** Signal Post or Light
FB Filter Bed **Spr** Spring
Fn / D Fn Fountain / Drinking Ftn. **Tk** Tank or Track
Gas Gov Gas Valve Compound **Tr** Trough
GVC Gas Governor **Wd Pp** Wind Pump
GP Guide Post **Wr Pt, Wr T** Water Point, Water Tap
MH Manhole **Wks** Works (building or area)
MP, MS Mile Post or Mile Stone **W** Well

Mapping Type	Scale	Date	Pg
Somerset	1:2,500	1887	2
Somerset	1:2,500	1903	3
Ordnance Survey Plan	1:2,500	1975	4
Additional SIMs	1:2,500	1979	5
Large-Scale National Grid Data	1:2,500	1995	6
Large-Scale National Grid Data	1:2,500	1996	7

Historical Map - Segment A10



Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 356600, 125990
 Slice: A
 Site Area (Ha): 10.71
 Search Buffer (m): 250

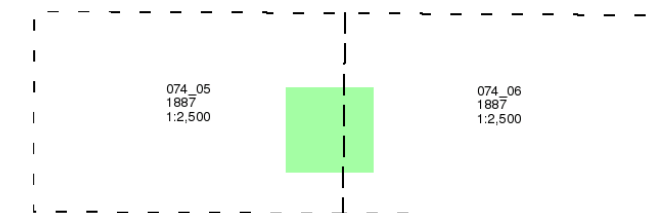
Site Details

Site at, Sparkford, Somerset

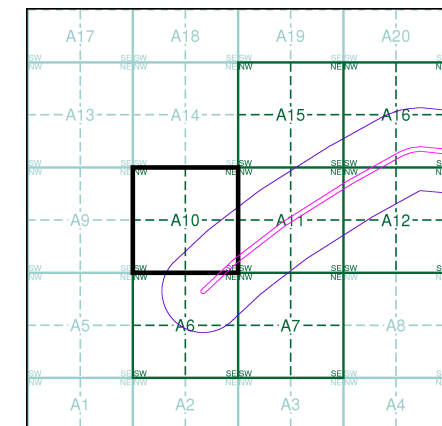
Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk

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

Map Name(s) and Date(s)



Historical Map - Segment A10

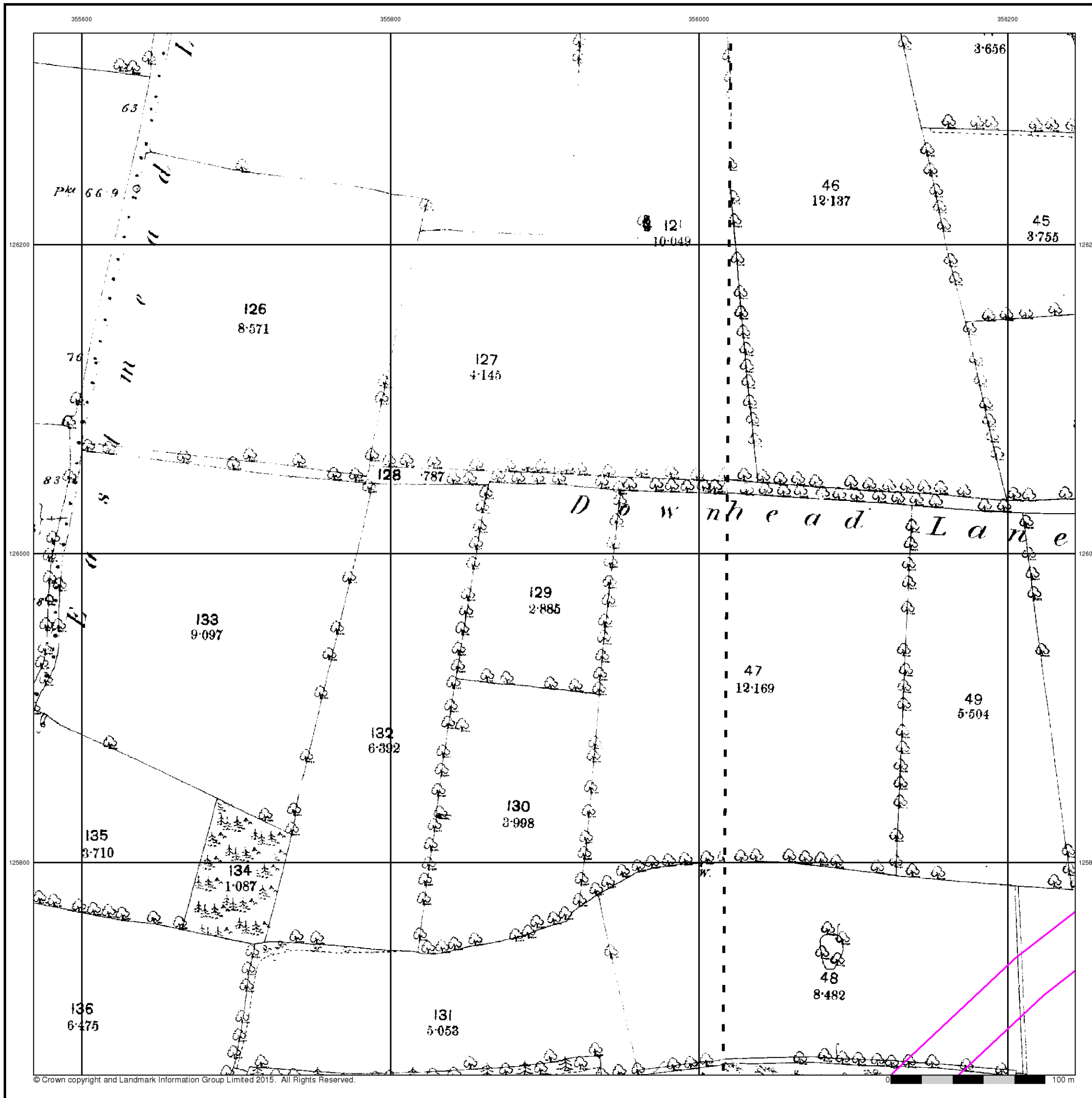


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 356600, 125990
 Slice: A
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset



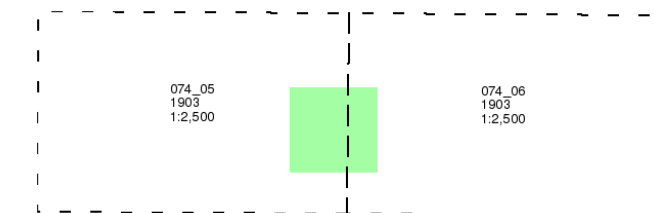
Somerset

Published 1903

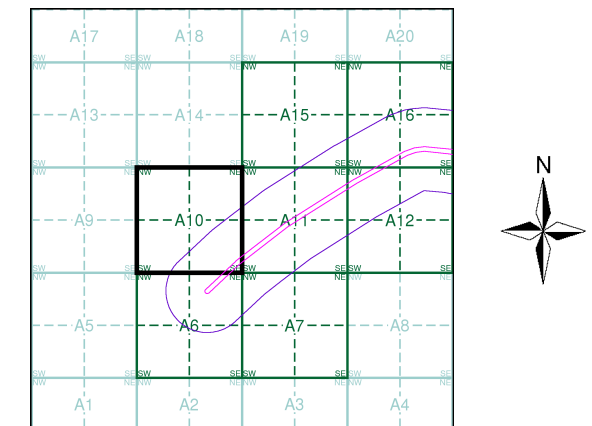
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A10

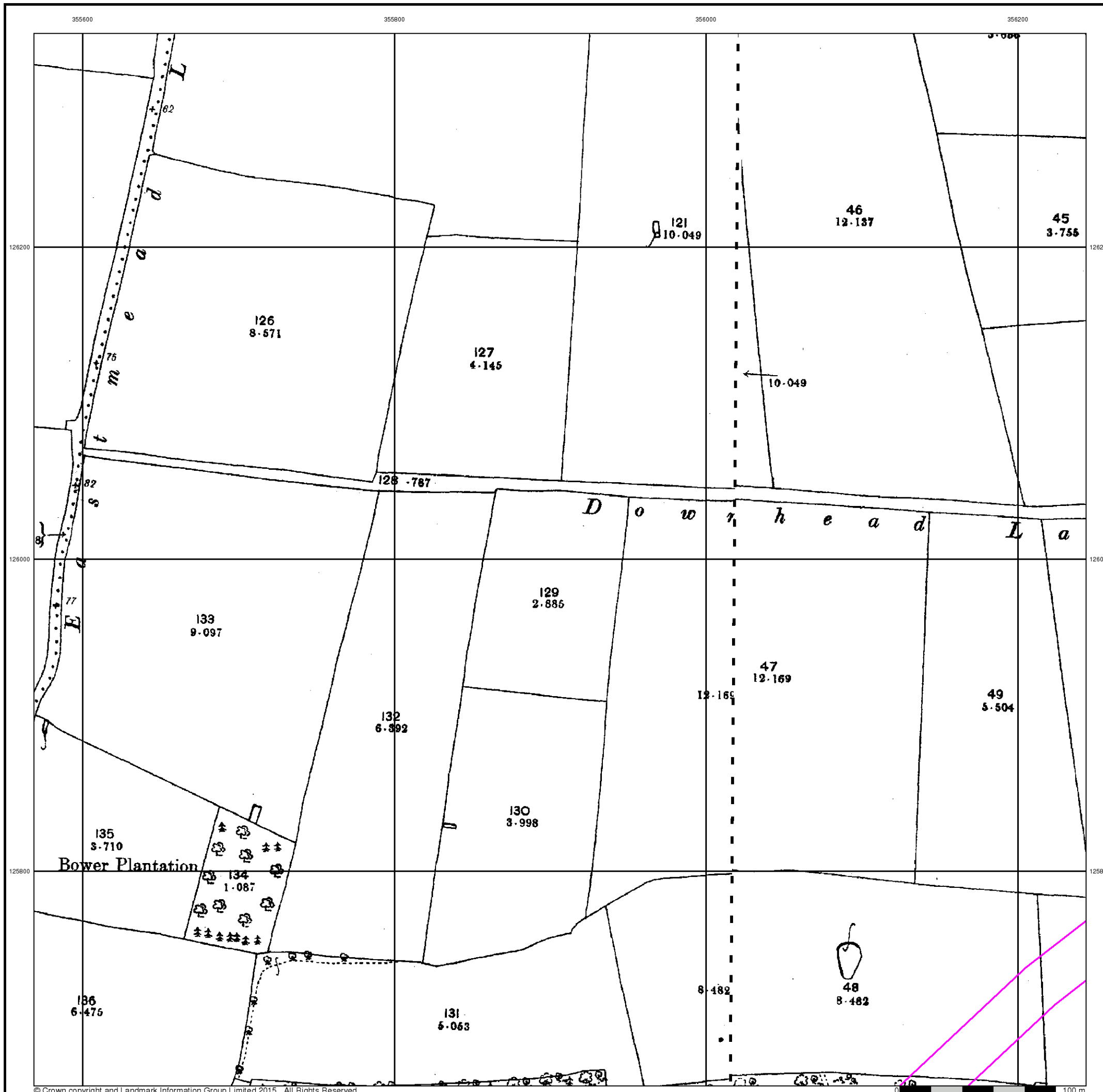


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 356600, 125990
 Slice: A
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset



Ordnance Survey Plan

Published 1975

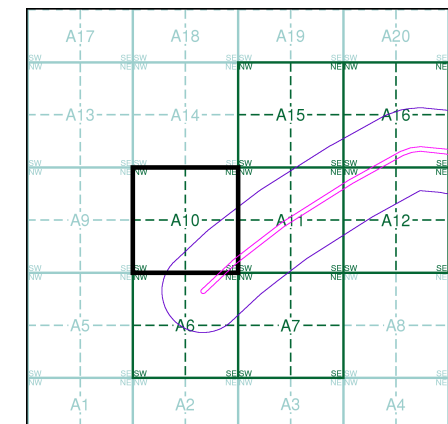
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

ST5526 1975 12,500	ST5626 1975 12,500
ST5525 1975 12,500	ST5625 1975 12,500

Historical Map - Segment A10

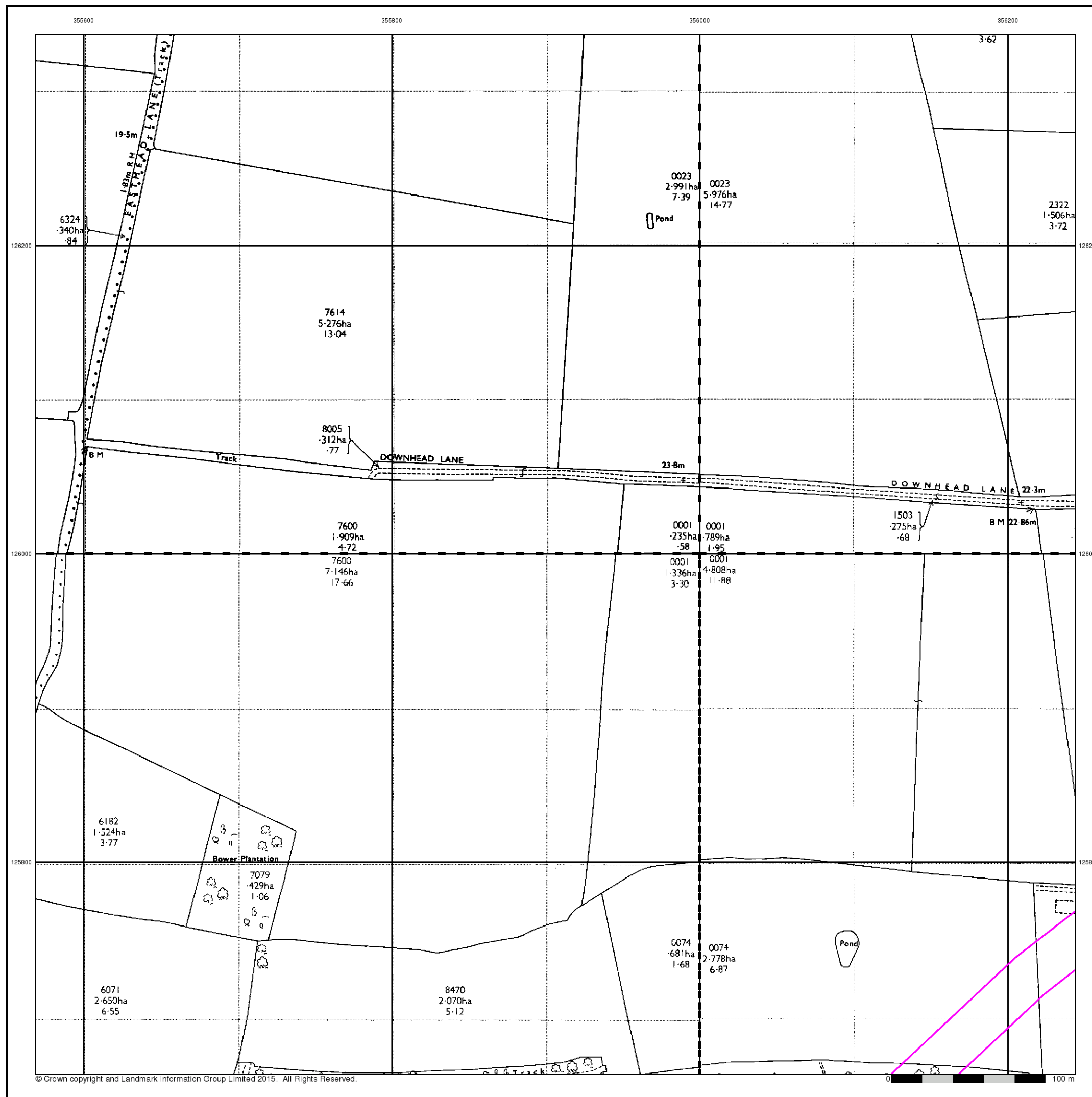


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 356600, 125990
 Slice: A
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset



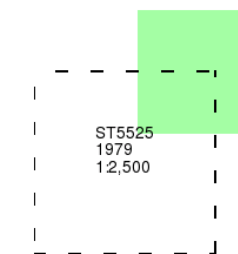
Additional SIMs

Published 1979

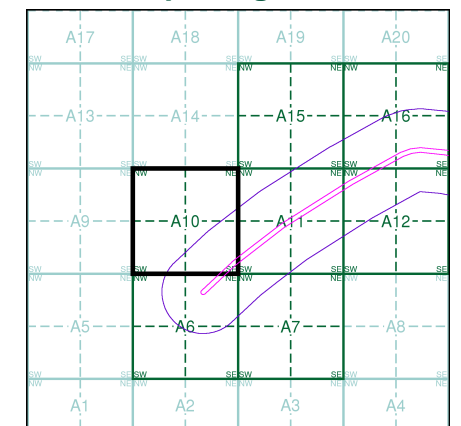
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A10

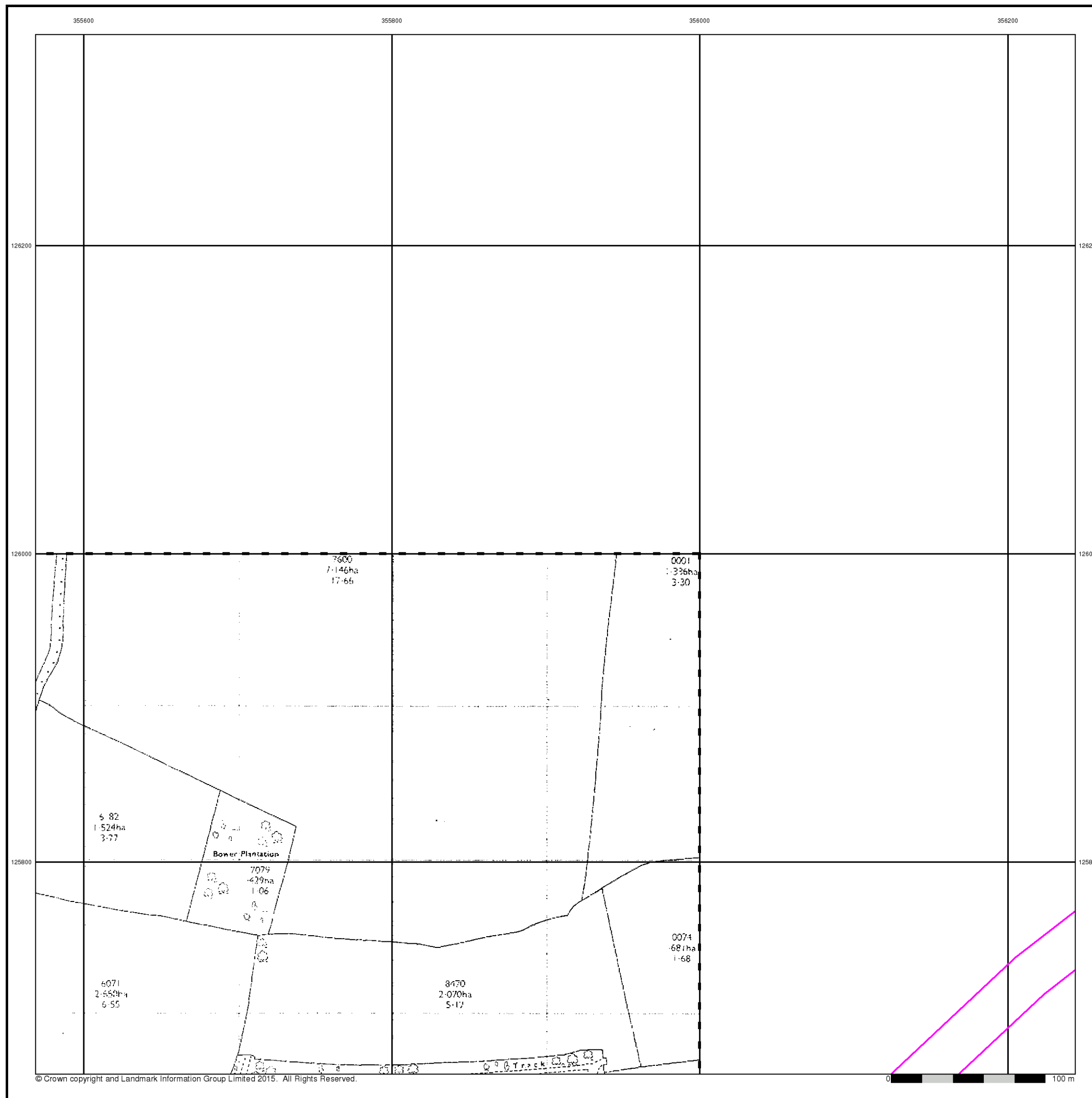


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 356600, 125990
 Slice: A
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset

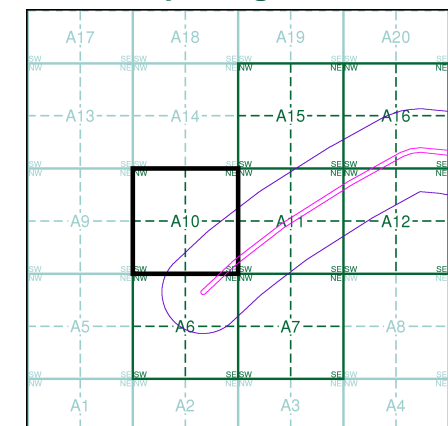


'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic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

Map Name(s) and Date(s)

ST5526	1995	12,500	ST5626	1995	12,500
ST5525	1995	12,500	ST5625	1995	12,500

Historical Map - Segment A10

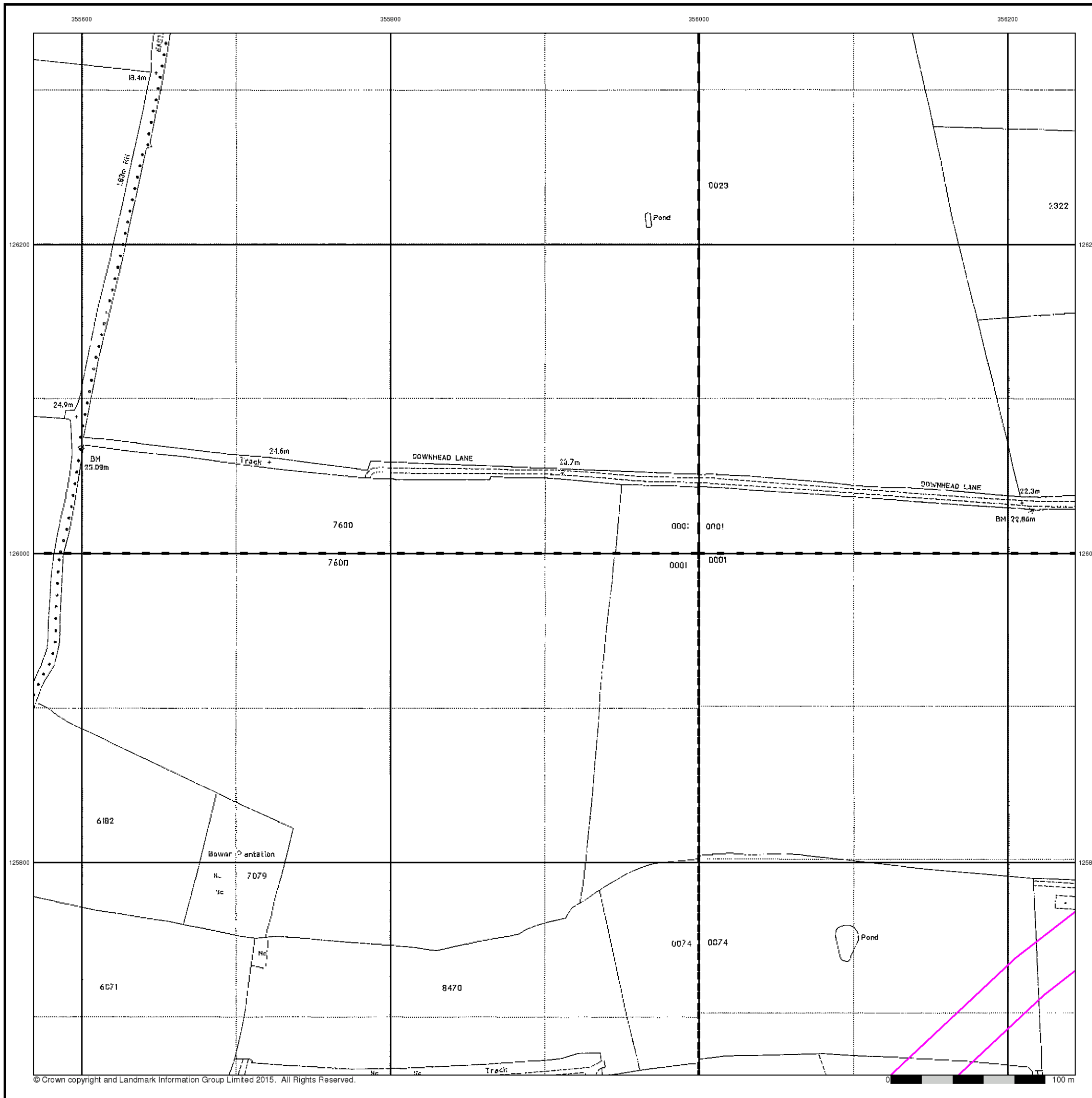


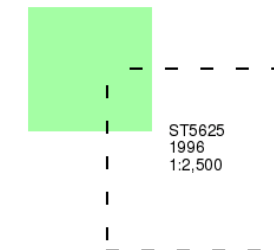
Order Details

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 Customer Ref: A303 Option F1
 National Grid Reference: 356600, 125990
 Slice: A
 Site Area (Ha): 10.71
 Search Buffer (m): 250

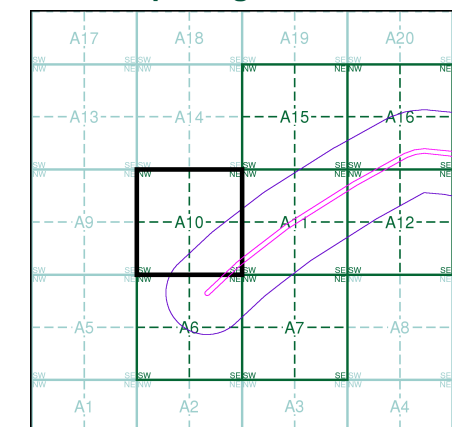
Site Details

Site at, Sparkford, Somerset





Historical Map - Segment A10

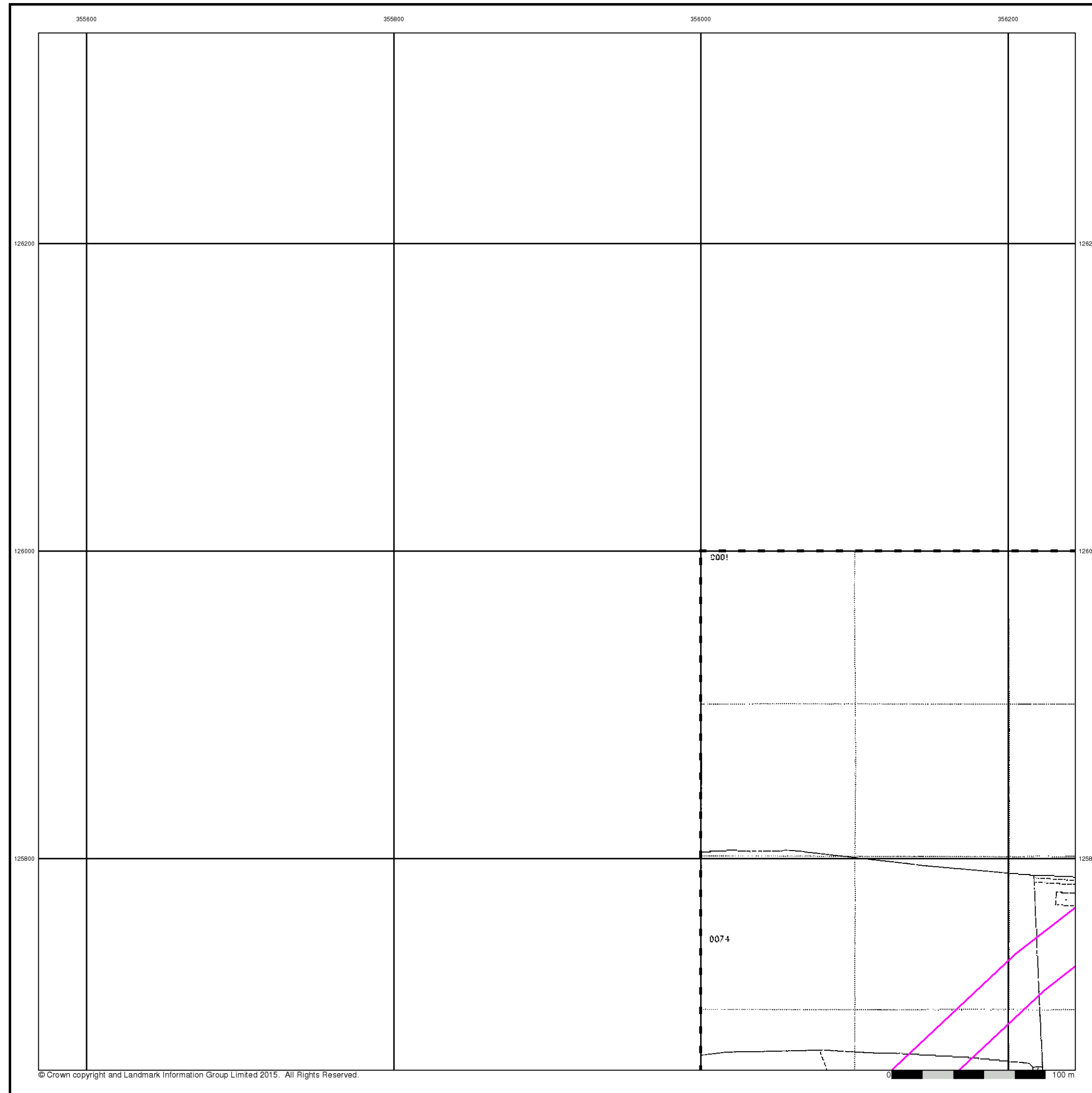


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 356600, 125990
 Slice: A
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset



Historical Mapping Legends

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

Quarry **Gravel Pit** **Sand Pit**
Clay Pit **Shingle** **Refuse Heap**
Sloping Masonry **Flat Rock**
Marsh **Reeds** **Osiers**
Rough Pasture **Furze** **Wood**
Mixed Wood **Brushwood** **Orchard**
Fir **Ford** **Stepping Stones**
Ferry **Waterfall** **Lock**
Trig. Station **Altitude at Trig. Station**
B.M. 325.9 **Bench Mark** **Surface Level**
Arrow denotes flow of water **Antiquities (site of)**
Cutting **Embankment**
Railway crossing Road **Level Crossing** **Road crossing Railway**
Railway crossing River or Canal **Road over single stream** **Road over River or Canal**
County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
County Borough Boundary (England)
County Burgh Boundary (Scotland)
Boundary Post or Stone **Police Call Box**
B.R. Bridle Road **P Pump**
E.P. Electricity Pylon **S.P. Signal Post**
F.B. Foot Bridge **Sl. Sluice**
F.P. Foot Path **Sp. Spring**
G.P. Guide Post or Board **T.C.B. Telephone Call Box**
M.S. Mile Stone **Tr. Trough**
M.P. M.R. Mooring Post or Ring **W Well**

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

Inactive Quarry, Chalk Pit or Clay Pit **Active Quarry, Chalk Pit or Clay Pit**
Rock **Boulders**
Cliff **Slopes** **Top**
Roofed Building **Glazed Roof Building**
Sloping Masonry **Archway**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Bench Mark** **Antiquity (site of)**
Cave Entrance **Triangulation Station** **Electricity Pylon**
Electricity Transmission Line
County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
London Borough Boundary
Symbol marking point where boundary mereing changes
Beer House **Pillar, Pole or Post**
Boundary Post or Stone **Post Office**
Capstan, Crane **Public Convenience**
Chimney **Public House**
Drinking Fountain **Pump**
Electricity Pillar or Post **Signal Box or Bridge**
Fire Alarm Pillar **Signal Post or Light**
Foot Bridge **Spring**
Guide Post **Tank or Track**
Hydrant or Hydraulic **Telephone Call Box**
Level Crossing **Telephone Call Post**
Manhole **Trough**
Mile Post or Mooring Post **Water Point, Water Tap**
Mile Stone **Well**
Normal Tidal Limit **Wind Pump**

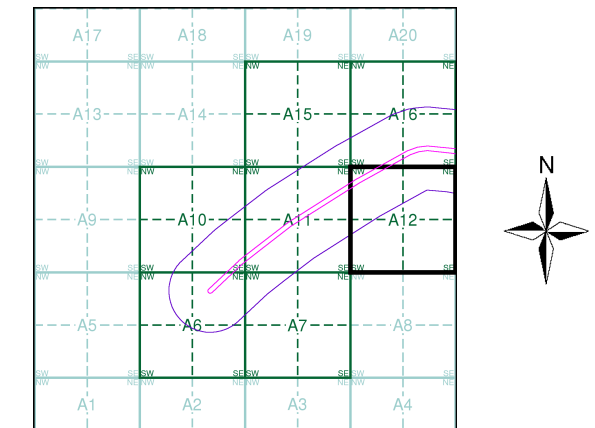
Large-Scale National Grid Data 1:2,500 and 1:1,250

Cliff **Slopes** **Top**
Rock **Rock (scattered)**
Boulders **Boulders (scattered)**
Positioned Boulder **Scree**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Triangulation Station** **Antiquity (site of)**
Electricity Transmission Line **Electricity Pylon**
B.M. 231.60m **Bench Mark** **Buildings with Building Seed**
Roofed Building **Glazed Roof Building**
Civil parish/community boundary
District boundary
County boundary
Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)
Barracks **Pillar, Pole or Post**
Battery **Post Office**
Cemetery **Public Convenience**
Chimney **Pump**
Cistern **Pumping Station**
Dismtd Rly **Place of Worship**
Electricity Generating Station **Sewage Ppg Sta Sewage Pumping Station**
Electricity Pole, Pillar **Signal Box or Bridge**
Electricity Sub Station **Signal Post or Light**
Filter Bed **Spring**
Fountain / Drinking Ftn. **Tank or Track**
Gas Valve Compound **Trough**
Gas Governor **Wind Pump**
Guide Post **Water Point, Water Tap**
Manhole **Works (building or area)**
Mile Post or Mile Stone **Well**

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Somerset	1:2,500	1887	2
Somerset	1:2,500	1903	3
Ordnance Survey Plan	1:2,500	1975	4
Large-Scale National Grid Data	1:2,500	1995	5
Large-Scale National Grid Data	1:2,500	1996	6

Historical Map - Segment A12



Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 356600, 125990
 Slice: A
 Site Area (Ha): 10.71
 Search Buffer (m): 250

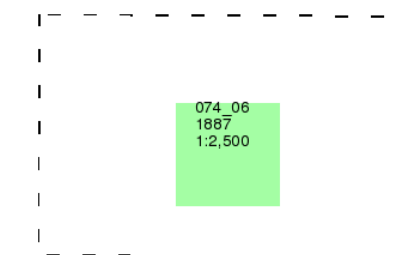
Site Details

Site at, Sparkford, Somerset

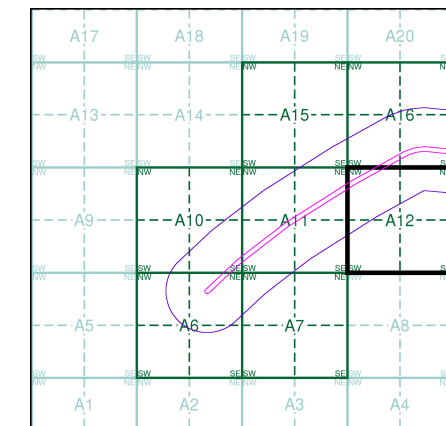
Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk

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

Map Name(s) and Date(s)



Historical Map - Segment A12

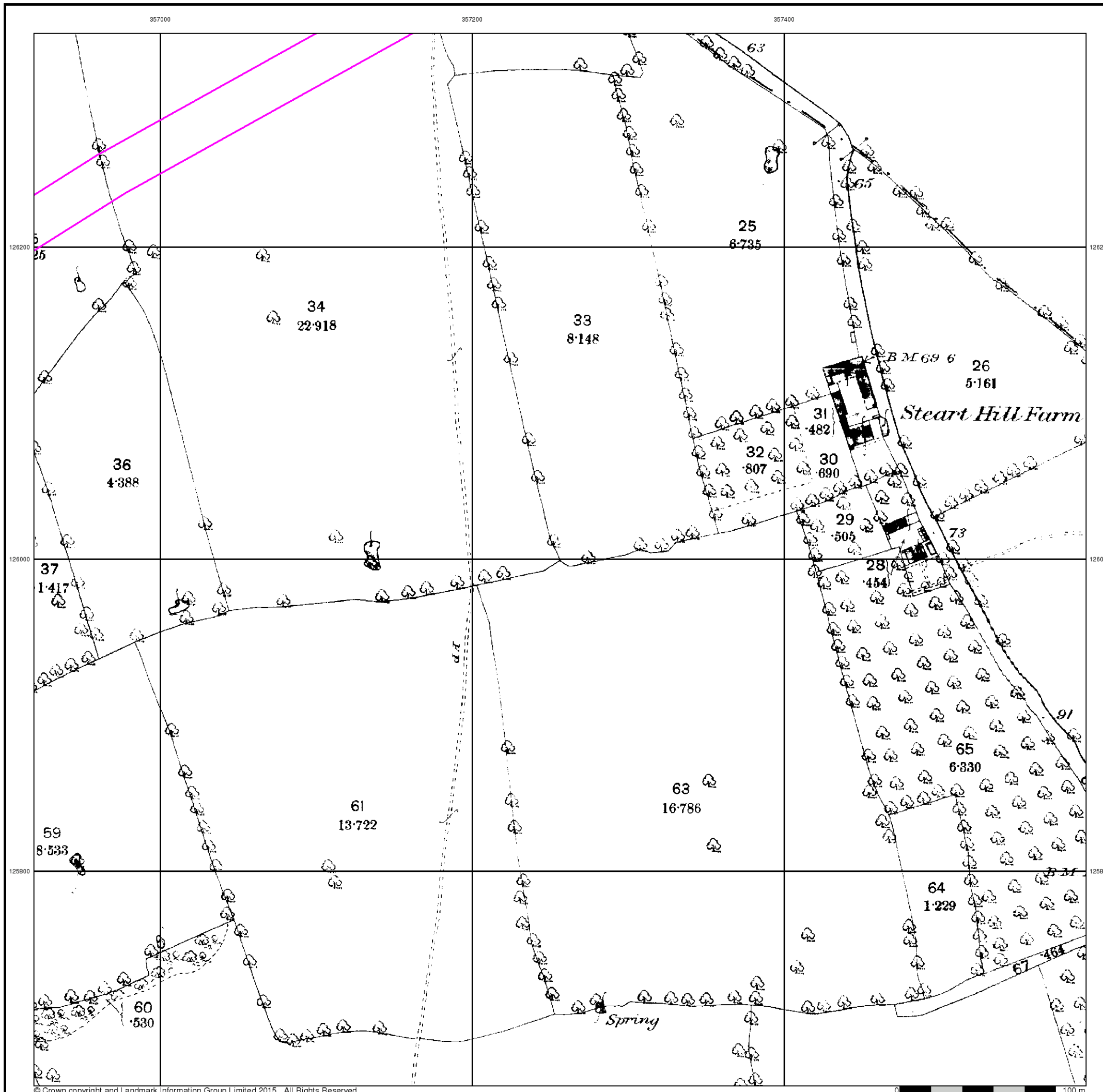


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 356600, 125990
 Slice: A
 Site Area (Ha): 10.71
 Search Buffer (m): 250

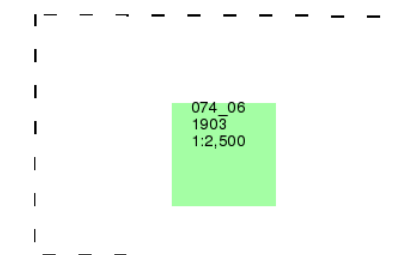
Site Details

Site at, Sparkford, Somerset

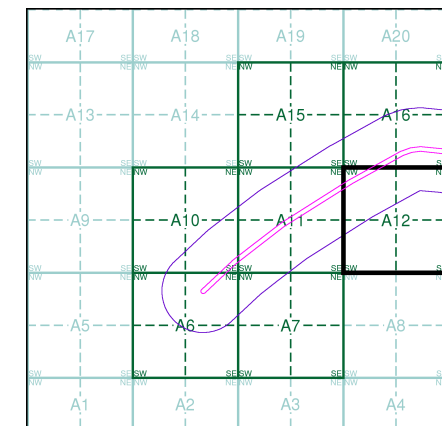


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain.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

Map Name(s) and Date(s)



Historical Map - Segment A12

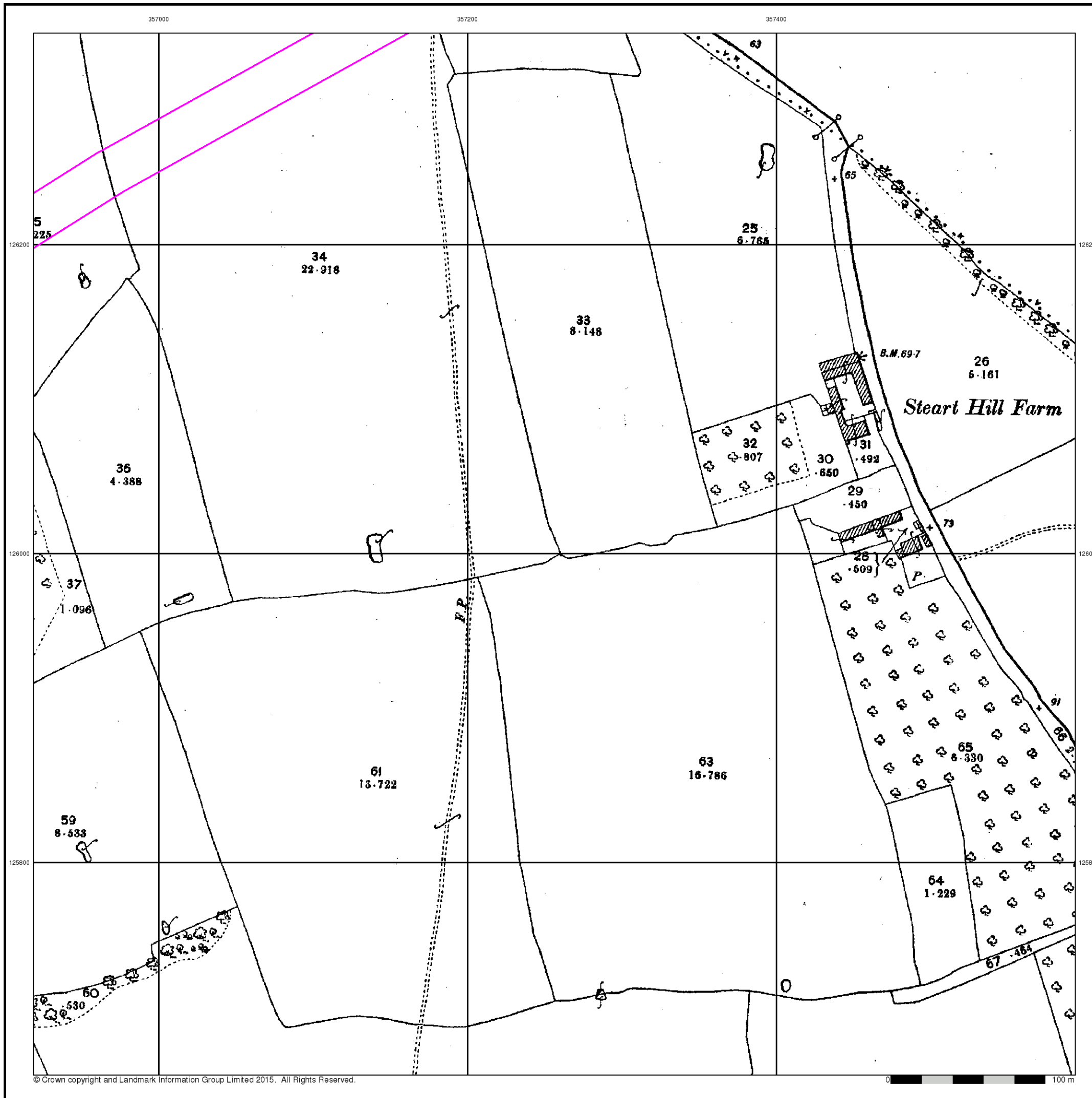


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 356600, 125990
 Slice: A
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset



Ordnance Survey Plan

Published 1975

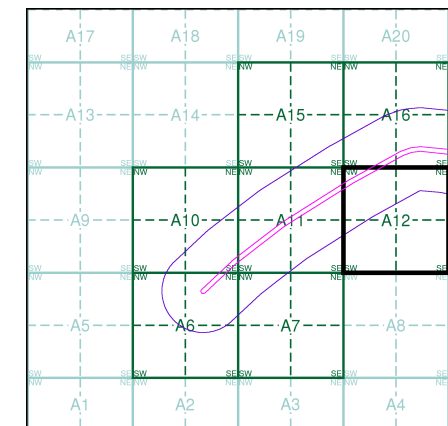
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

ST5626 1975 12,500	ST5726 1975 12,500
ST5625 1975 12,500	ST5725 1975 12,500

Historical Map - Segment A12

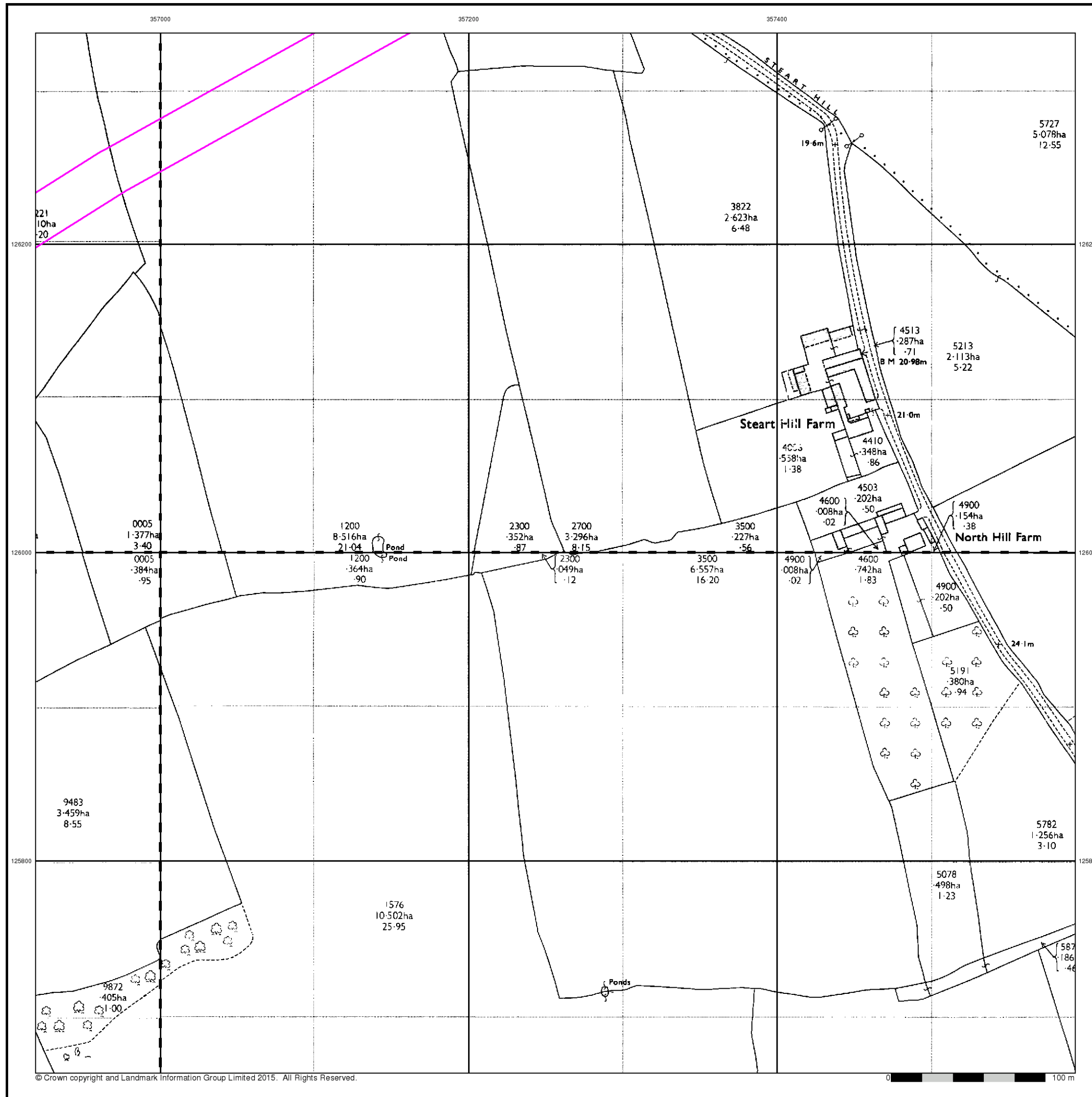


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 356600, 125990
 Slice: A
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset

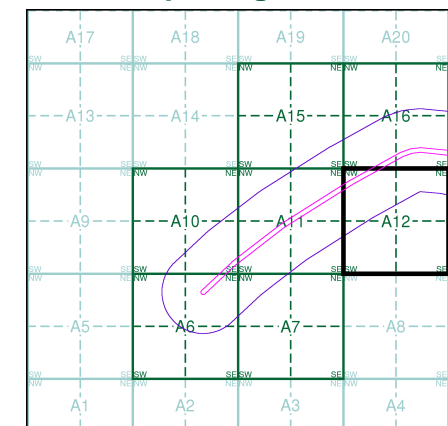


'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic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

Map Name(s) and Date(s)

ST5626 1995 1:2,500	ST5726 1995 1:2,500
ST5625 1995 1:2,500	ST5725 1995 1:2,500

Historical Map - Segment A12

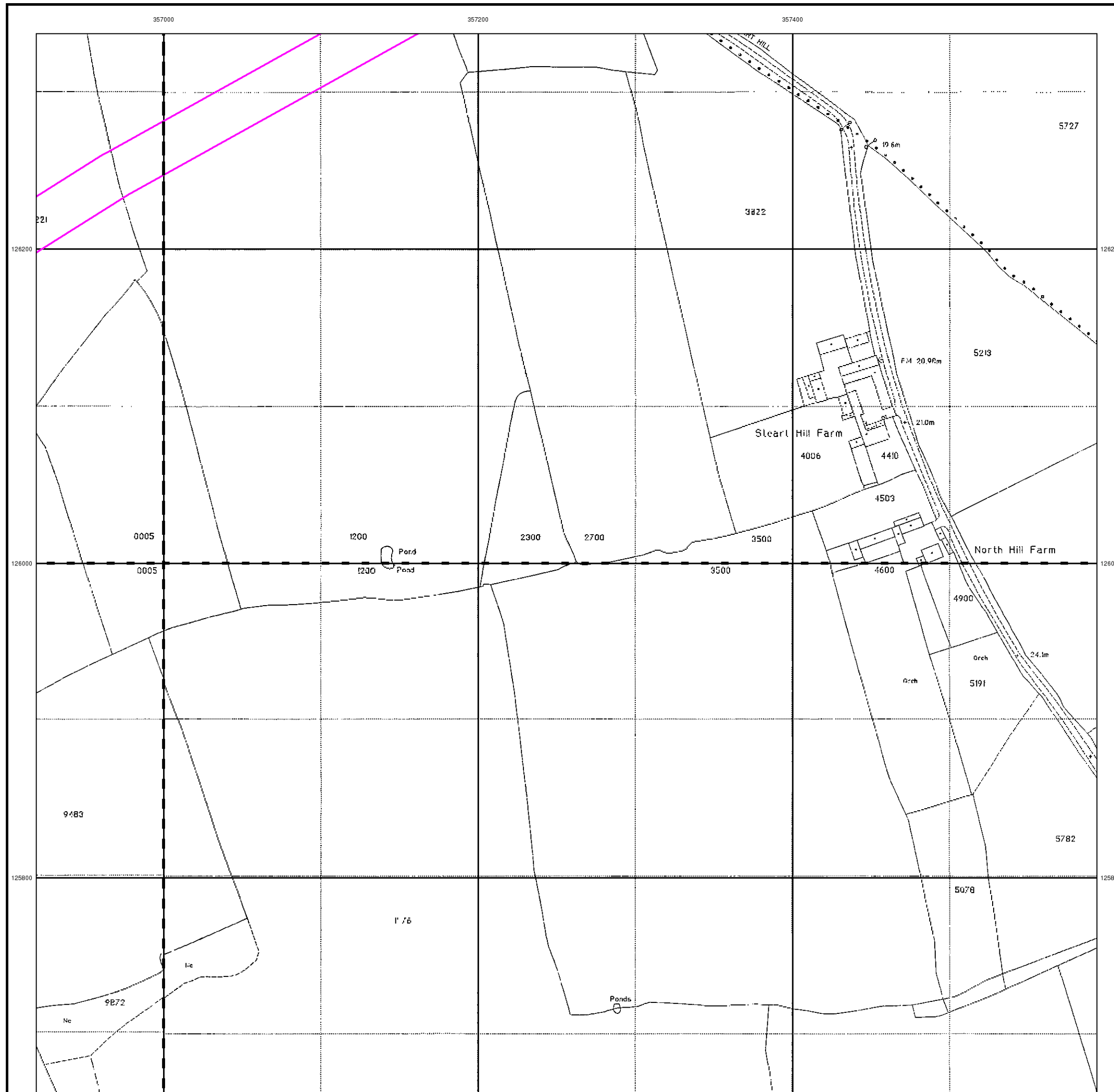


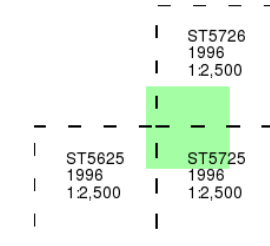
Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 356600, 125990
 Slice: A
 Site Area (Ha): 10.71
 Search Buffer (m): 250

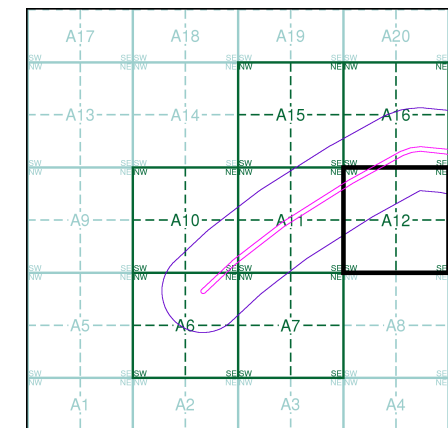
Site Details

Site at, Sparkford, Somerset





Historical Map - Segment A12

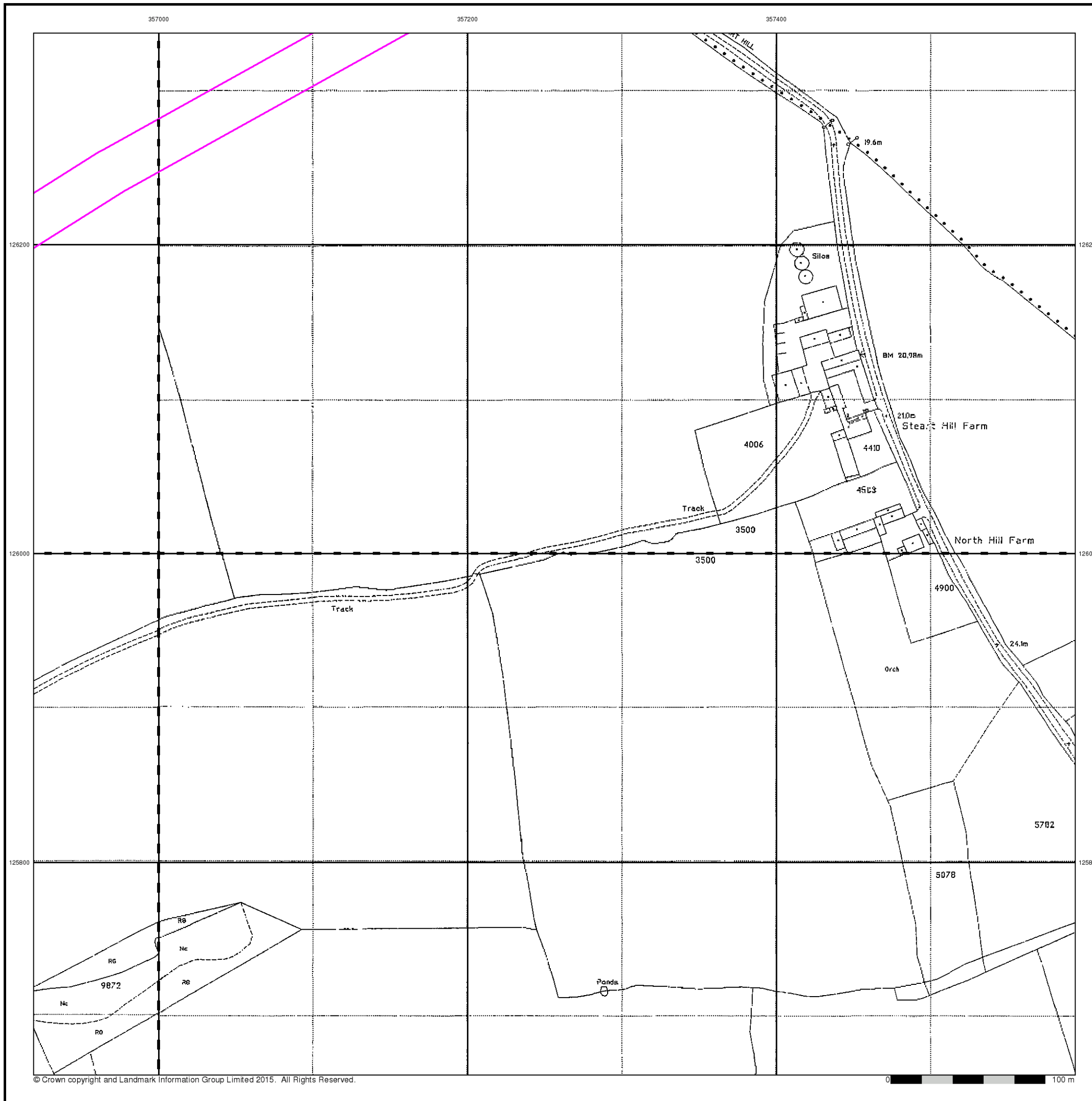


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 356600, 125990
 Slice: A
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset



Historical Mapping Legends

Ordnance Survey County Series 1:10,560

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

Ordnance Survey Plan 1:10,000

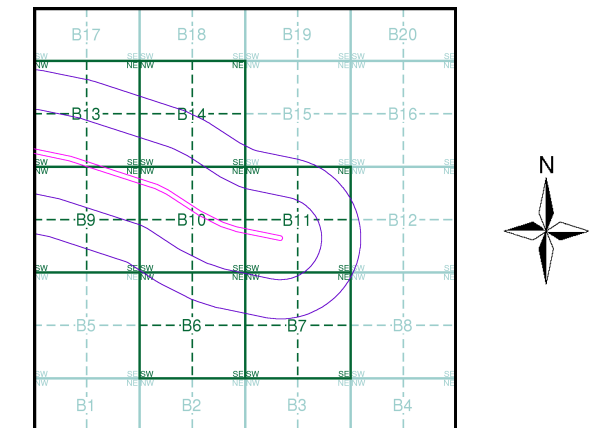
	Chalk Pit, Clay Pit or Quarry		Gravel Pit
	Sand Pit		Disused Pit or Quarry
	Refuse or Slag Heap		Lake, Loch or Pond
	Dunes		Boulders
	Coniferous Trees		Non-Coniferous Trees
	Orchard		Scrub
	Coppice		Heath
	Rough Grassland		Marsh
	Reeds		Saltings
	Building		Glasshouse
	Sloping Masonry		Pylon
	Electricity Transmission Line		Pole
	Cutting		Embankment
	Standard Gauge Multiple Track		Standard Gauge Single Track
	Siding, Tramway or Mineral Line		Narrow Gauge
	Geographical County		
	Administrative County, County Borough or County of City		
	Municipal Borough, Urban or Rural District, Burgh or District Council		
	Borough, Burgh or County Constituency <small>Shown only when not coincident with other boundaries</small>		
	Civil Parish <small>Shown alternately when coincidence of boundaries occurs</small>		
	BP, BS Boundary Post or Stone		Pol Sta Police Station
	Ch Church		PO Post Office
	CH Club House		PC Public Convenience
	F E Sta Fire Engine Station		PH Public House
	FB Foot Bridge		SB Signal Box
	Fn Fountain		Spr Spring
	GP Guide Post		TCB Telephone Call Box
	MP Mile Post		TCP Telephone Call Post
	MS Mile Stone		W Well

1:10,000 Raster Mapping

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

Mapping Type	Scale	Date	Pg
Somerset	1:10,560	1886	2
Somerset	1:10,560	1904	3
Dorset	1:10,560	1904	4
Ordnance Survey Plan	1:10,000	1962	5
Ordnance Survey Plan	1:10,000	1982 - 1984	6
Ordnance Survey Plan	1:10,000	1991	7
10K Raster Mapping	1:10,000	2006	8
VectorMap Local	1:10,000	2015	9

Historical Map - Slice B



Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 500

Site Details

Site at, Sparkford, Somerset

Somerset

Published 1886

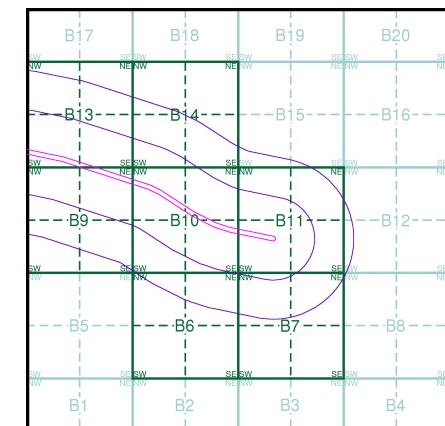
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

074NW 1886 1:10,560	074NE 1886 1:10,560
074SW 1886 1:10,560	074SE 1886 1:10,560

Historical Map - Slice B

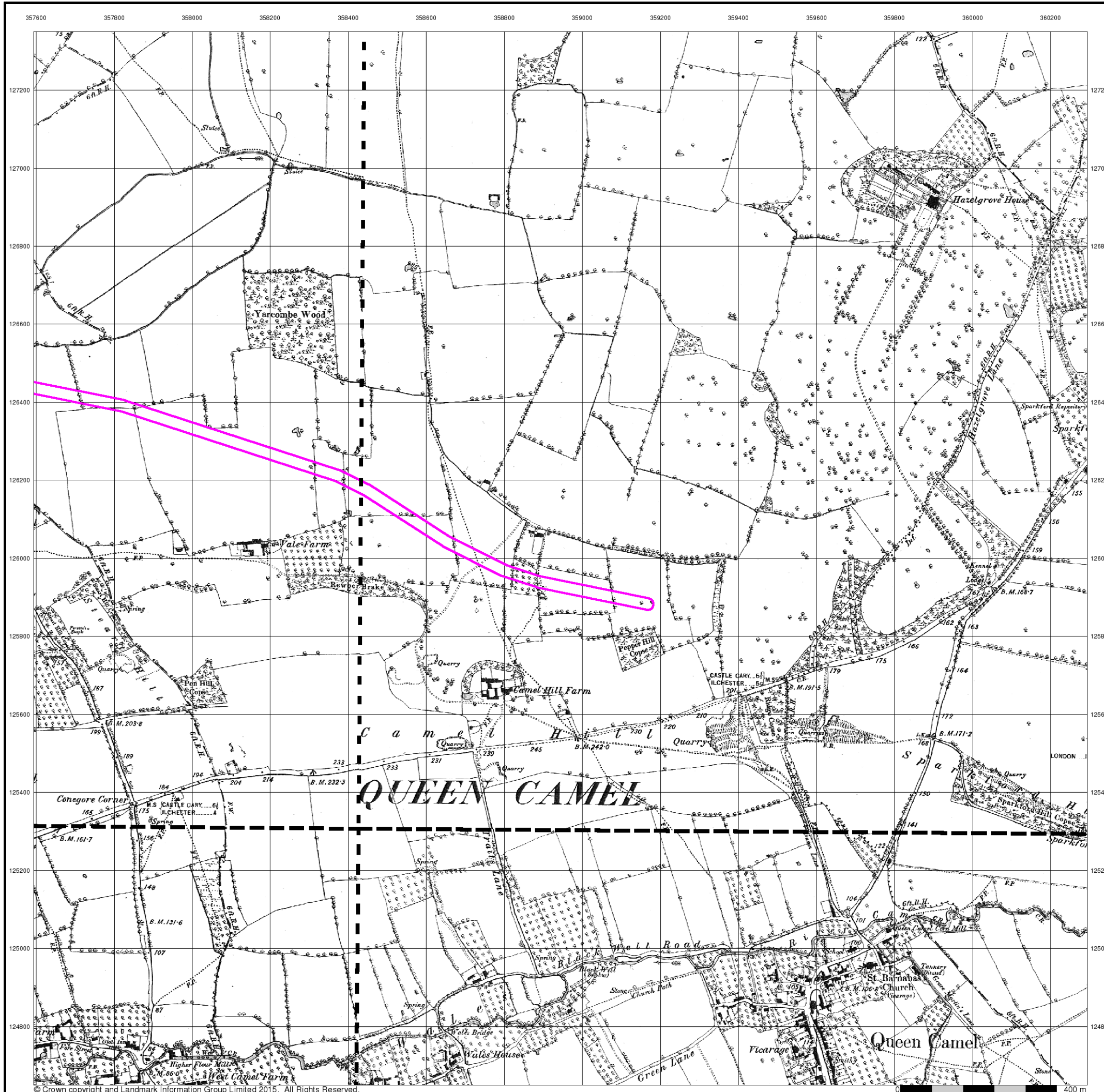


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 500

Site Details

Site at, Sparkford, Somerset



Somerset

Published 1904

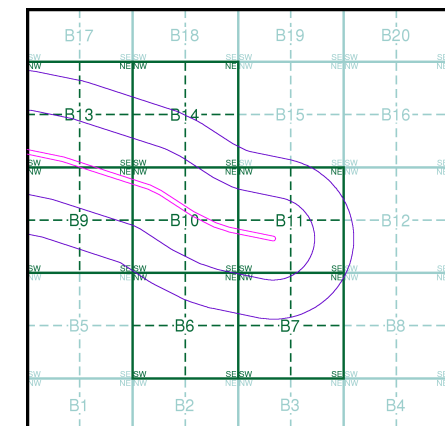
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

074NW 1904 1:10,560	074NE 1904 1:10,560
074SW 1904 1:10,560	

Historical Map - Slice B

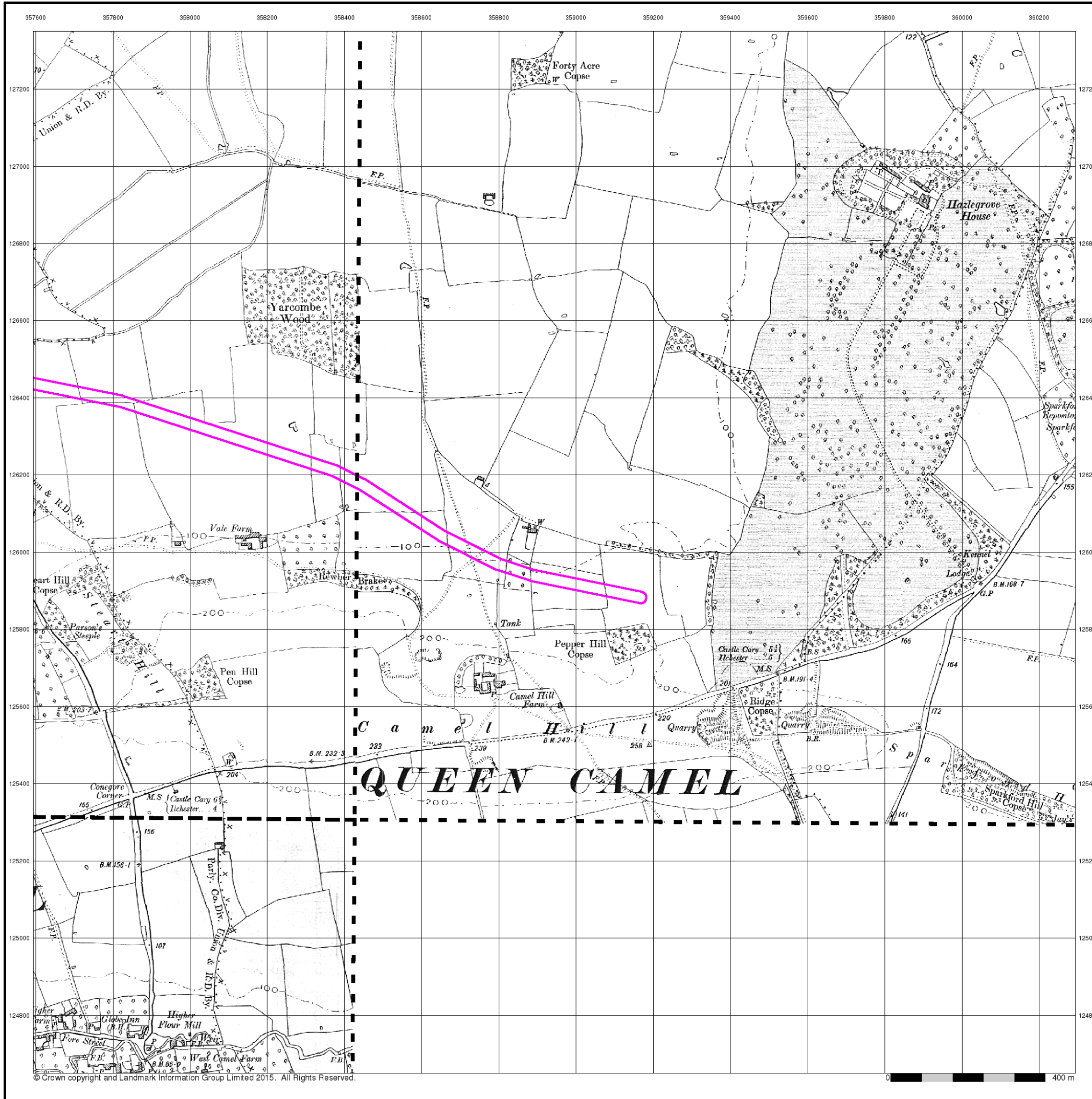


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 500

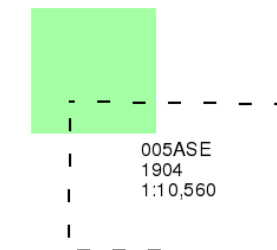
Site Details

Site at, Sparkford, Somerset

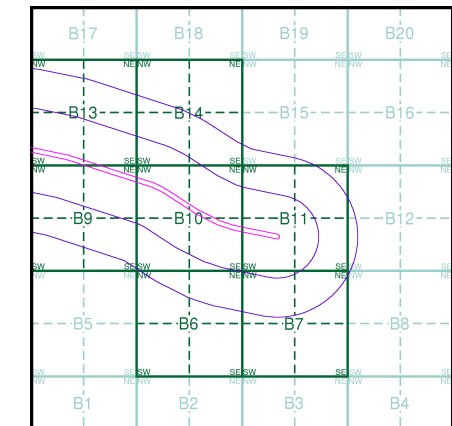


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some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

Map Name(s) and Date(s)



Historical Map - Slice B

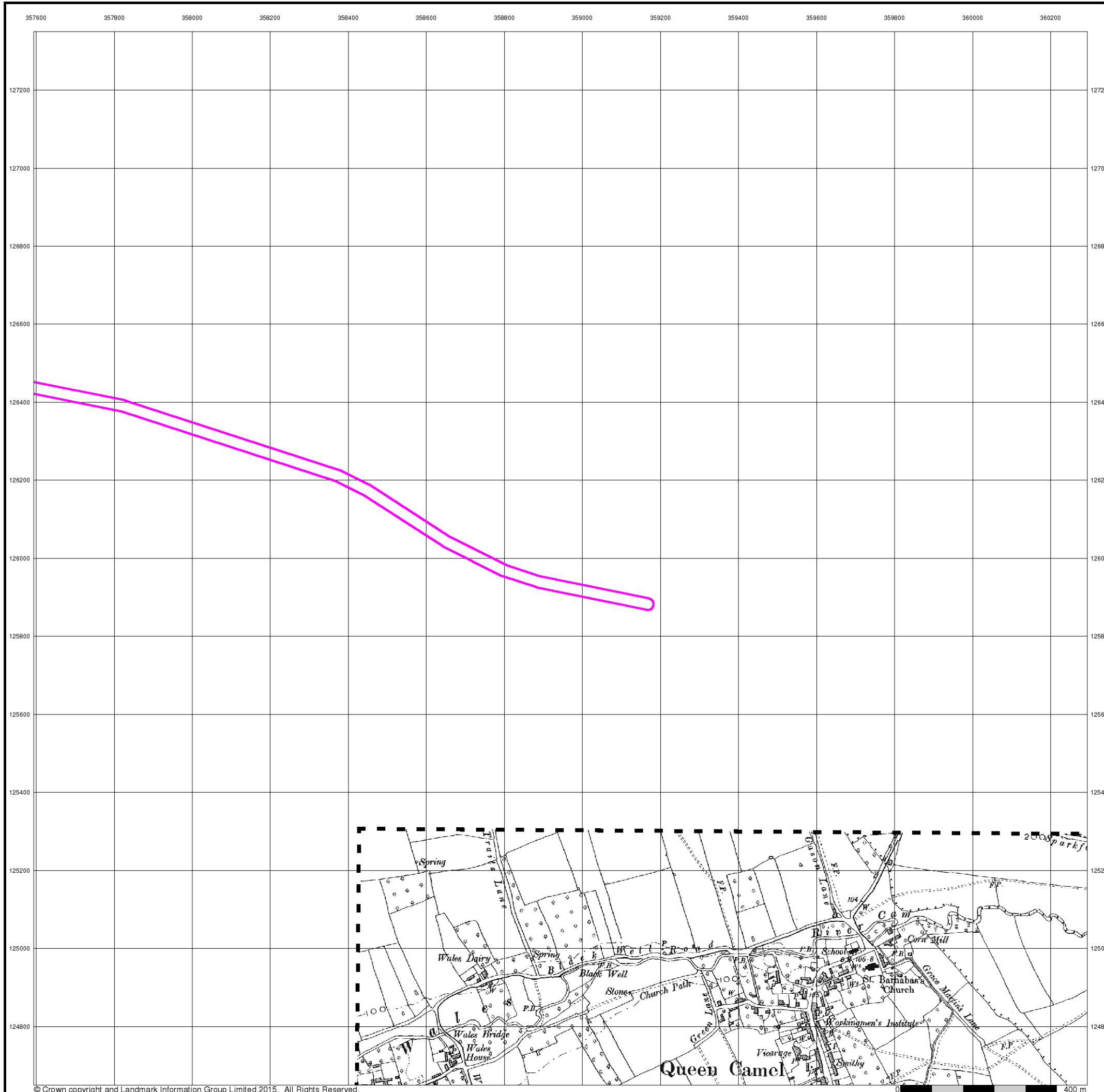


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 500

Site Details

Site at, Sparkford, Somerset

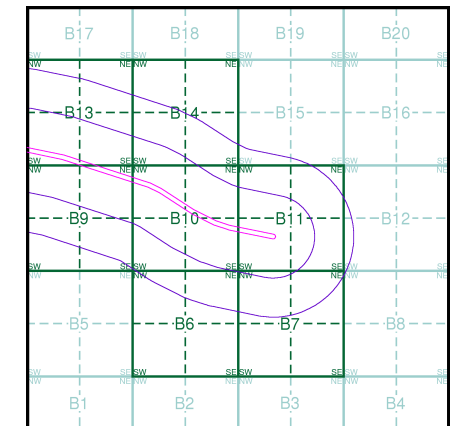


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some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

Map Name(s) and Date(s)

ST52NE	ST62NW
1962	1962
1:10,560	1:10,560
ST52SE	ST62SW
1962	1962
1:10,560	1:10,560

Historical Map - Slice B

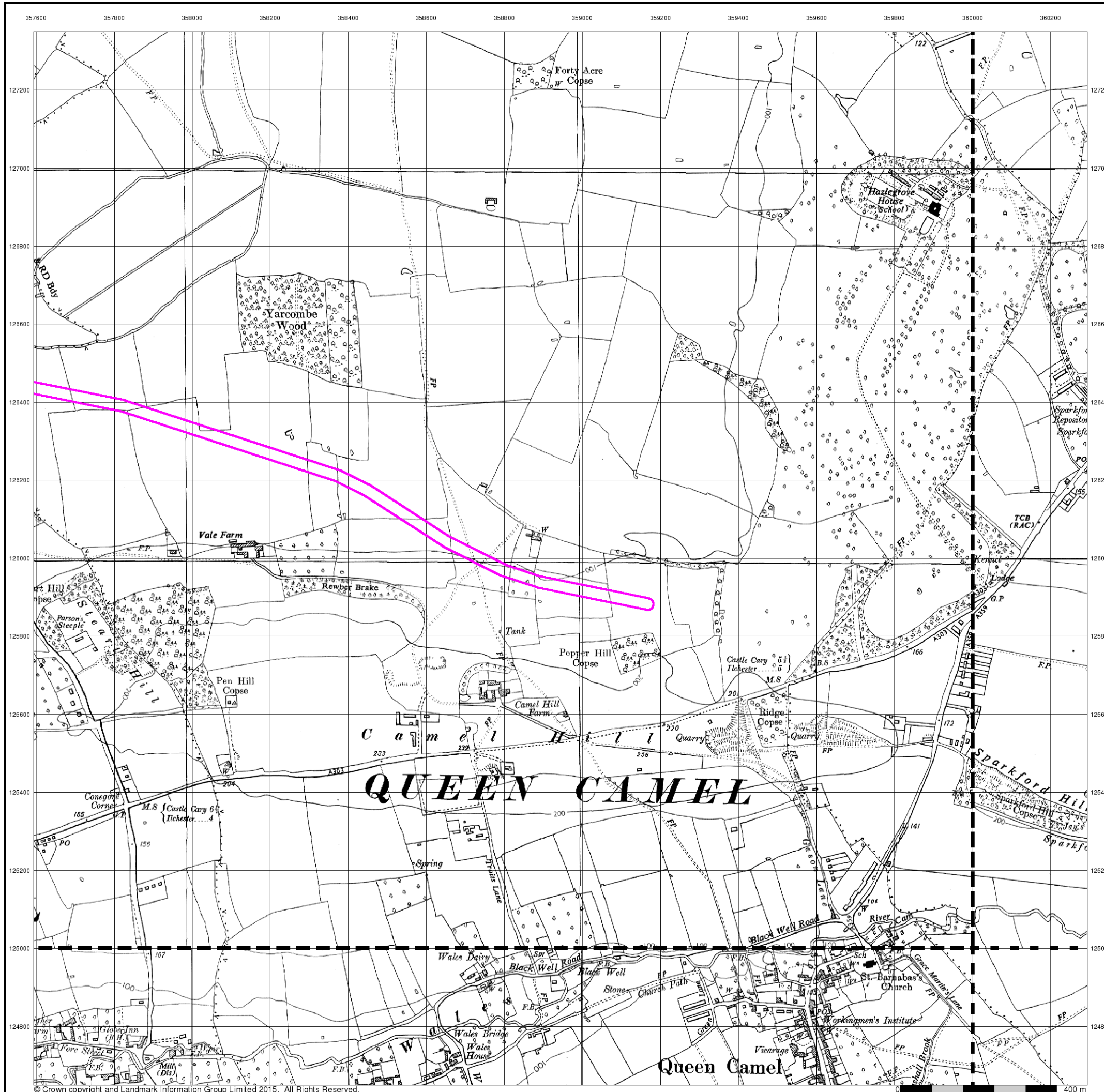


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 500

Site Details

Site at, Sparkford, Somerset



Ordnance Survey Plan

Published 1982 - 1984

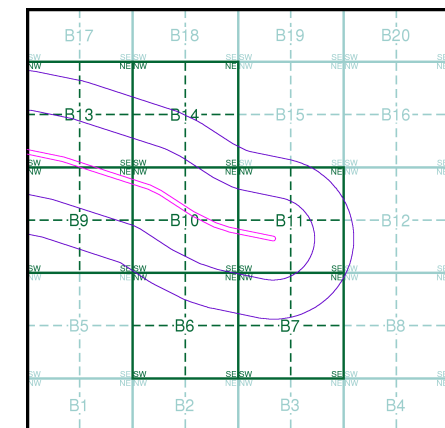
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

ST52NE 1982 1:10,000	ST62NW 1984 1:10,000
ST52SE 1982 1:10,000	ST62SW 1983 1:10,000

Historical Map - Slice B

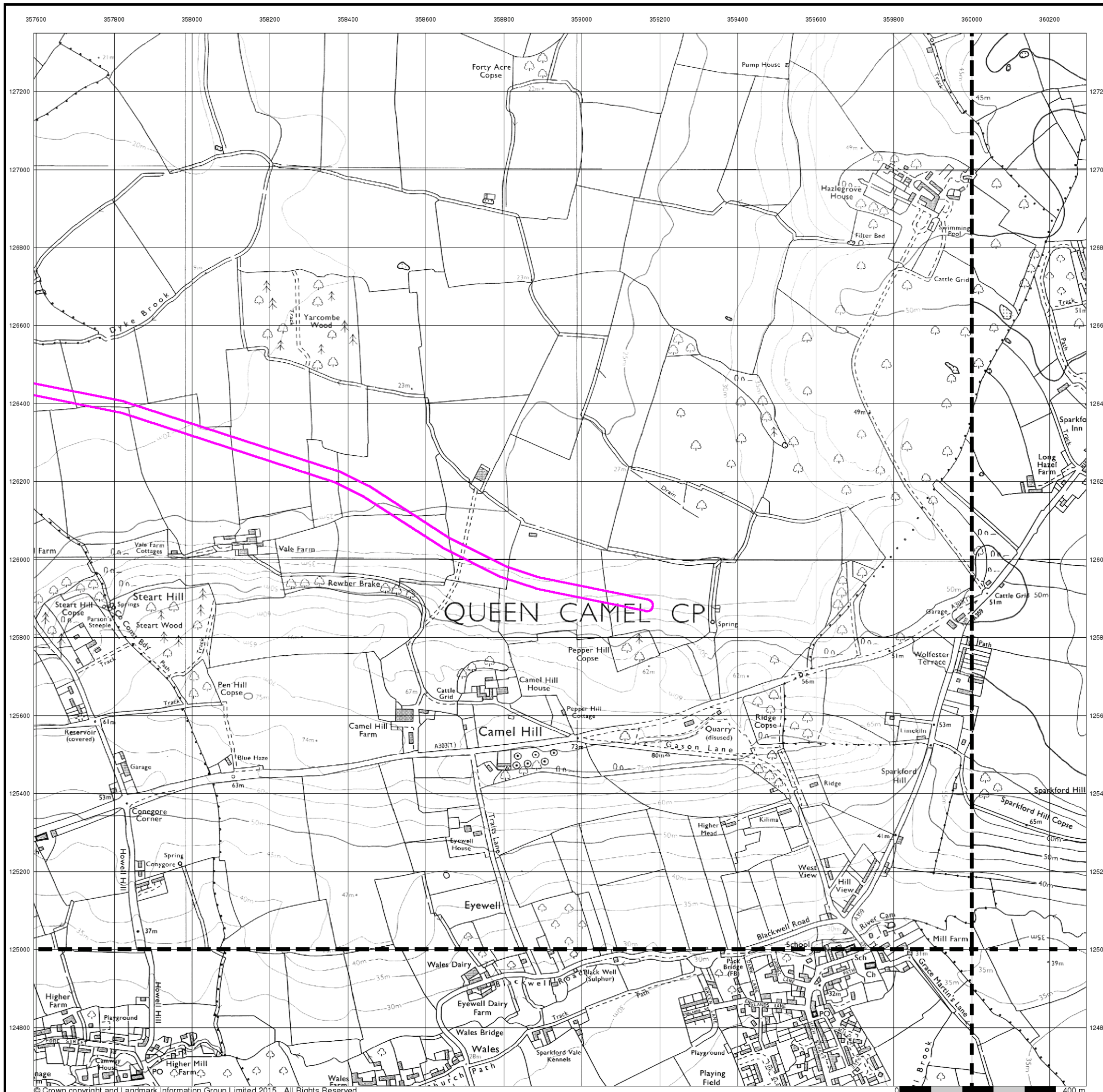


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 500

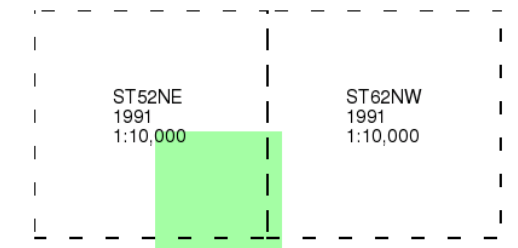
Site Details

Site at, Sparkford, Somerset

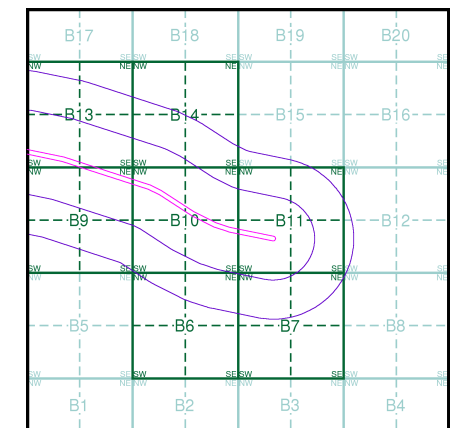


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some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

Map Name(s) and Date(s)



Historical Map - Slice B

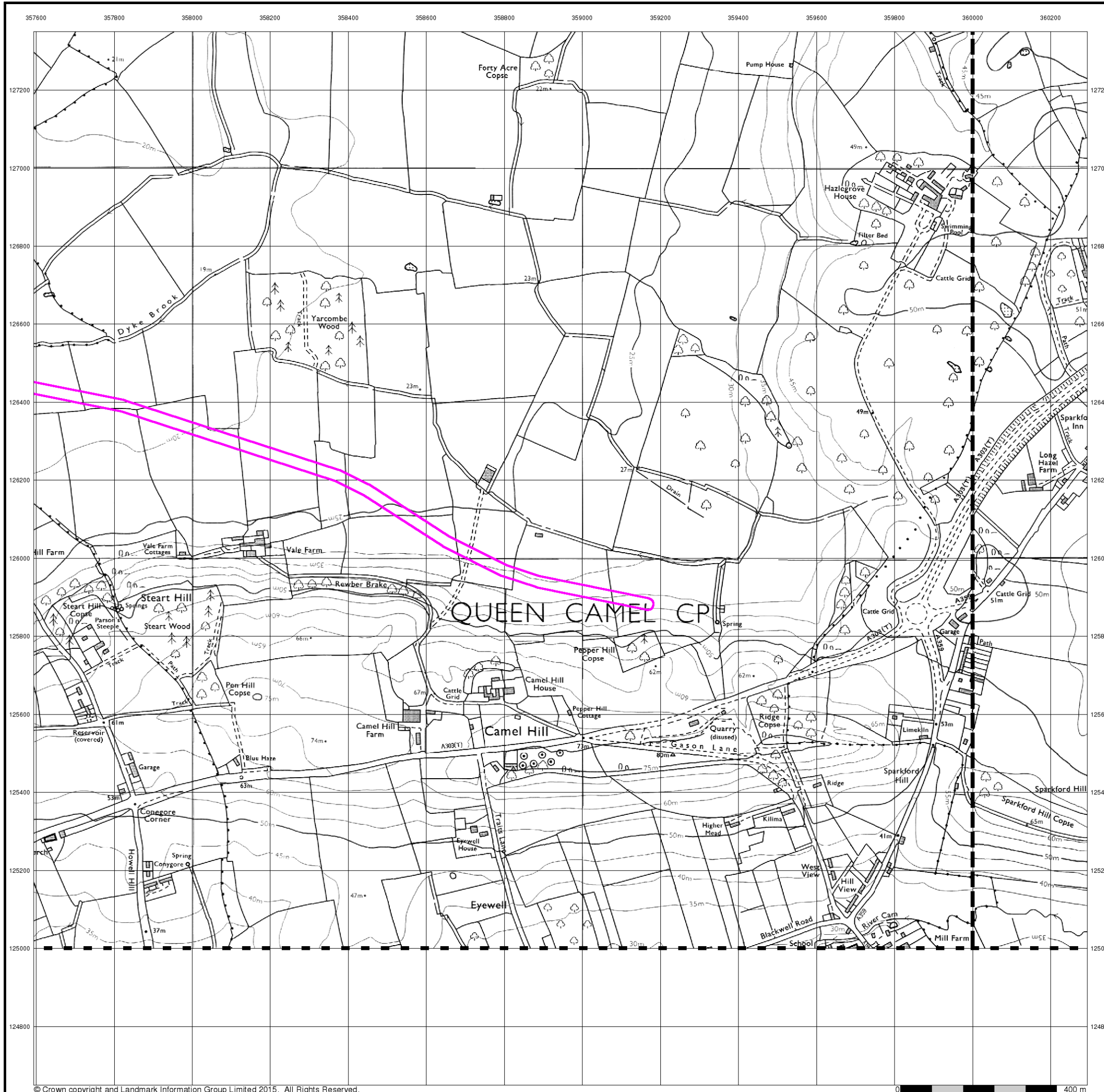


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 500

Site Details

Site at, Sparkford, Somerset

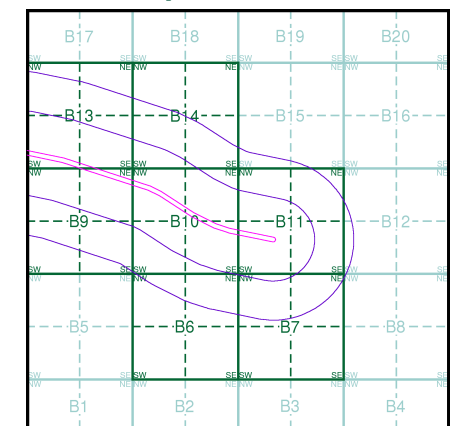


The historical maps shown were produced from the Ordnance Survey's 1:10,000 colour raster mapping. These maps are derived from Landplan which replaced the old 1:10,000 maps originally published in 1970. The data is highly detailed showing buildings, fences and field boundaries as well as all roads, tracks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

Map Name(s) and Date(s)

ST52NE 2006 1:10,000	ST62NW 2006 1:10,000
ST52SE 2006 1:10,000	ST62SW 2006 1:10,000

Historical Map - Slice B

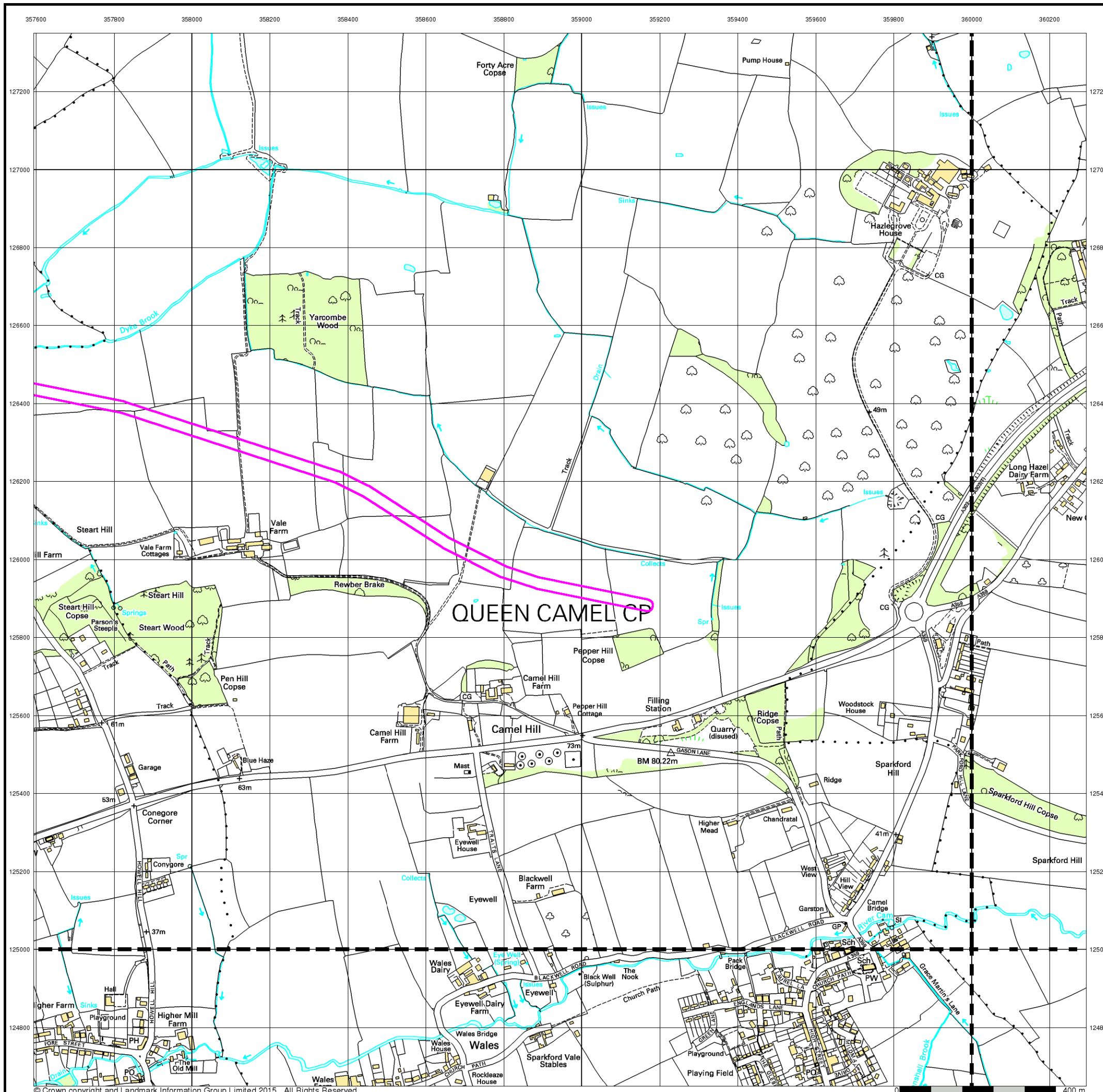


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 500

Site Details

Site at, Sparkford, Somerset

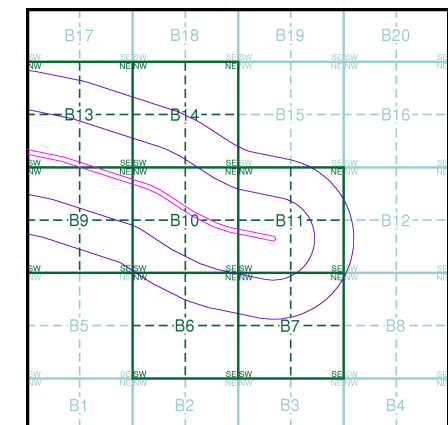


VectorMap Local (Raster) is Ordnance Survey's highest detailed 'backdrop' mapping product. These maps are produced from OS's VectorMap Local, a simple vector dataset at a nominal scale of 1:10,000, covering the whole of Great Britain, that has been designed for creating graphical mapping. OS VectorMap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

Map Name(s) and Date(s)

ST52NE 2015 Variable	ST62NW 2015 Variable
ST52SE 2015 Variable	ST62SW 2015 Variable

Historical Map - Slice B

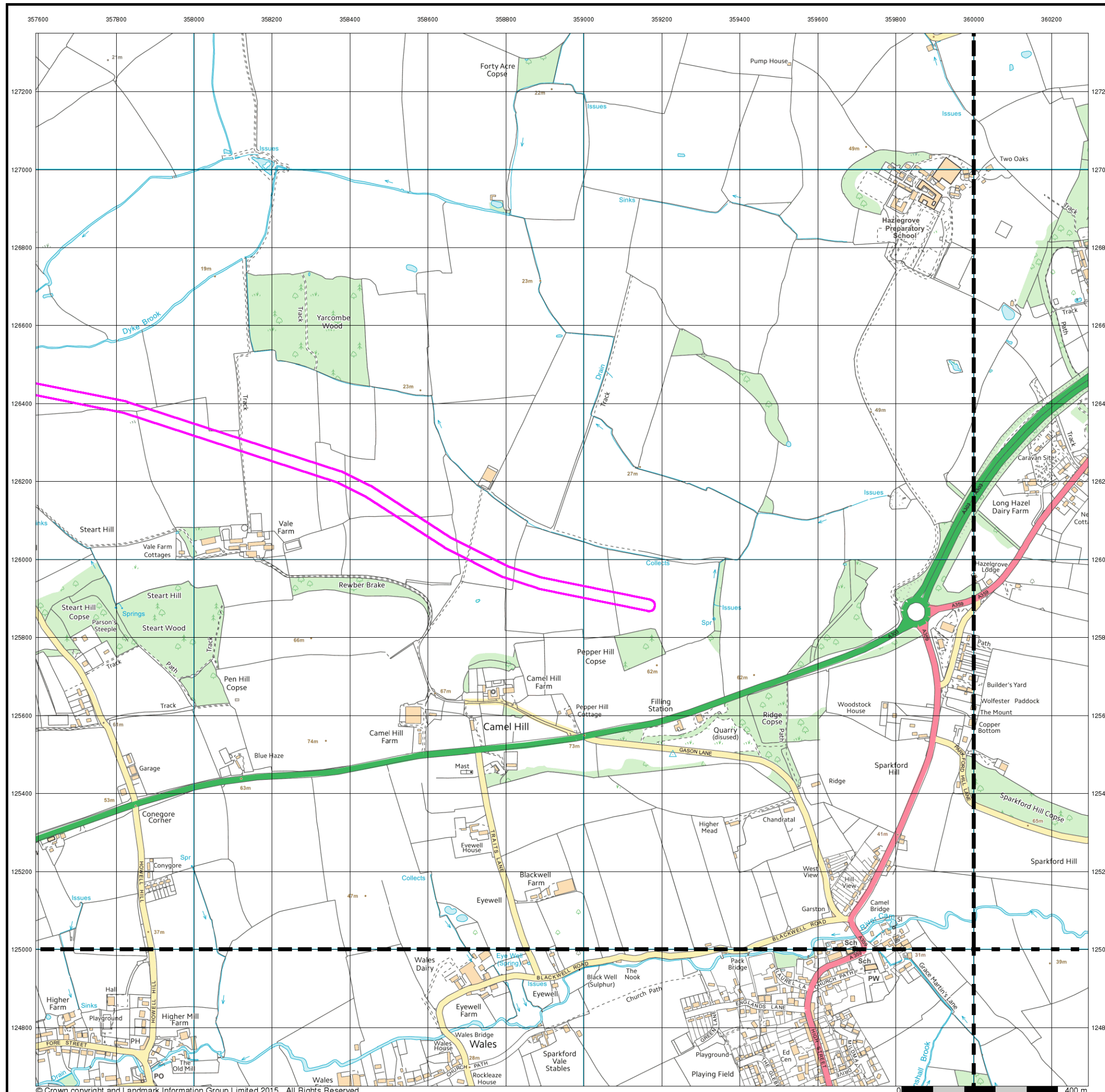


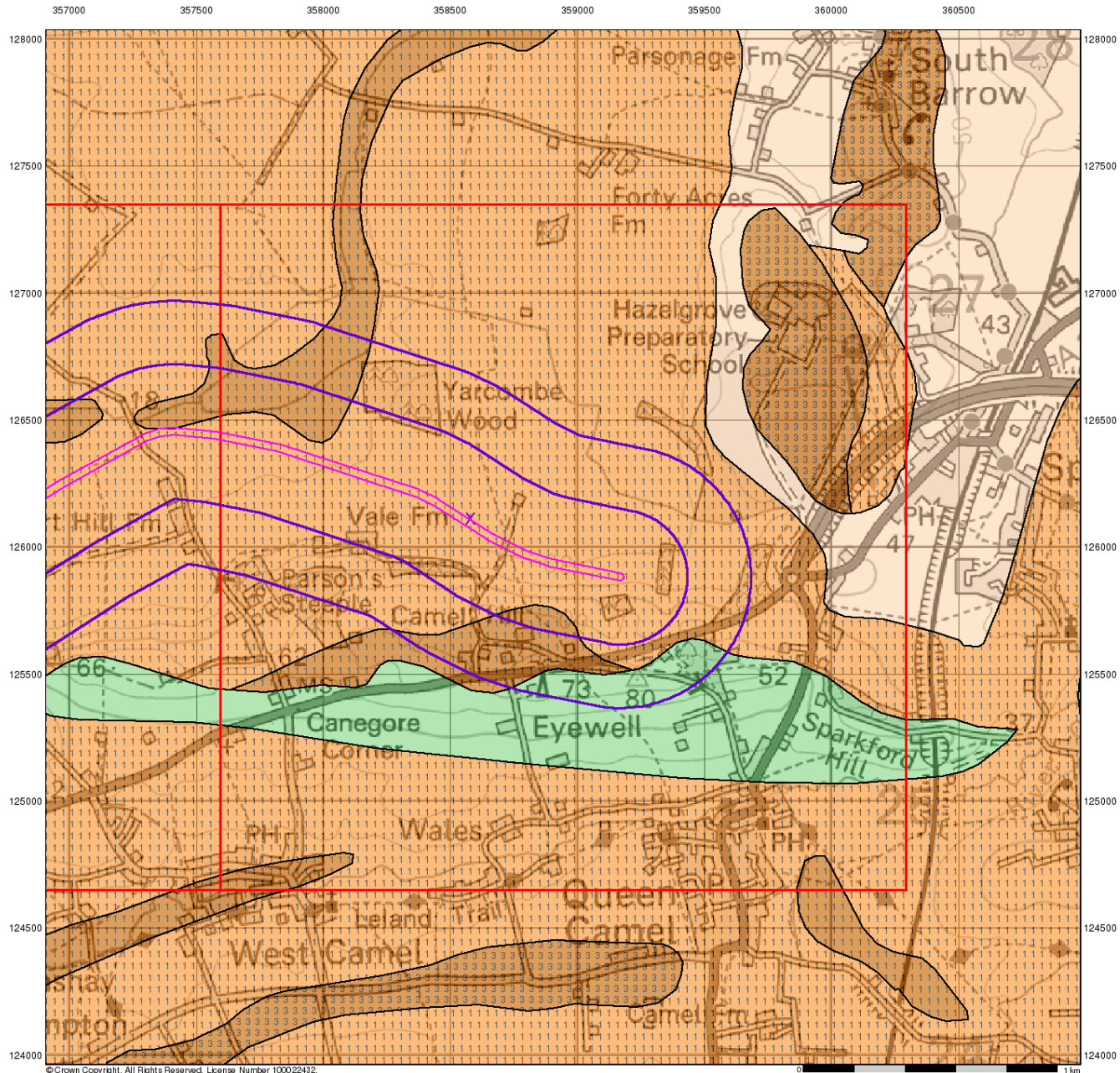
Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 500

Site Details

Site at, Sparkford, Somerset





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0 1 km



Groundwater Vulnerability

General

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

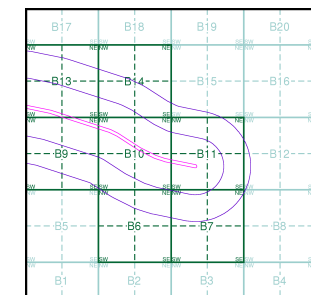
Agency and Hydrological

Geological Classes

- Major Aquifer (Highly Permeable)**
 - High (H) 1, 2, 3, U
 - Intermediate (I) 1, 2
 - Low
- Minor Aquifer (Variably Permeable)**
 - High (H) 1, 2, 3, U
 - Intermediate (I) 1, 2
 - Low
- Non Aquifer (Negligibly Permeable)**
 -
- Water or Sea**
 -
- Drift Deposit**
 -

Soil Classes

Site Sensitivity Context Map - Slice B



Order Details

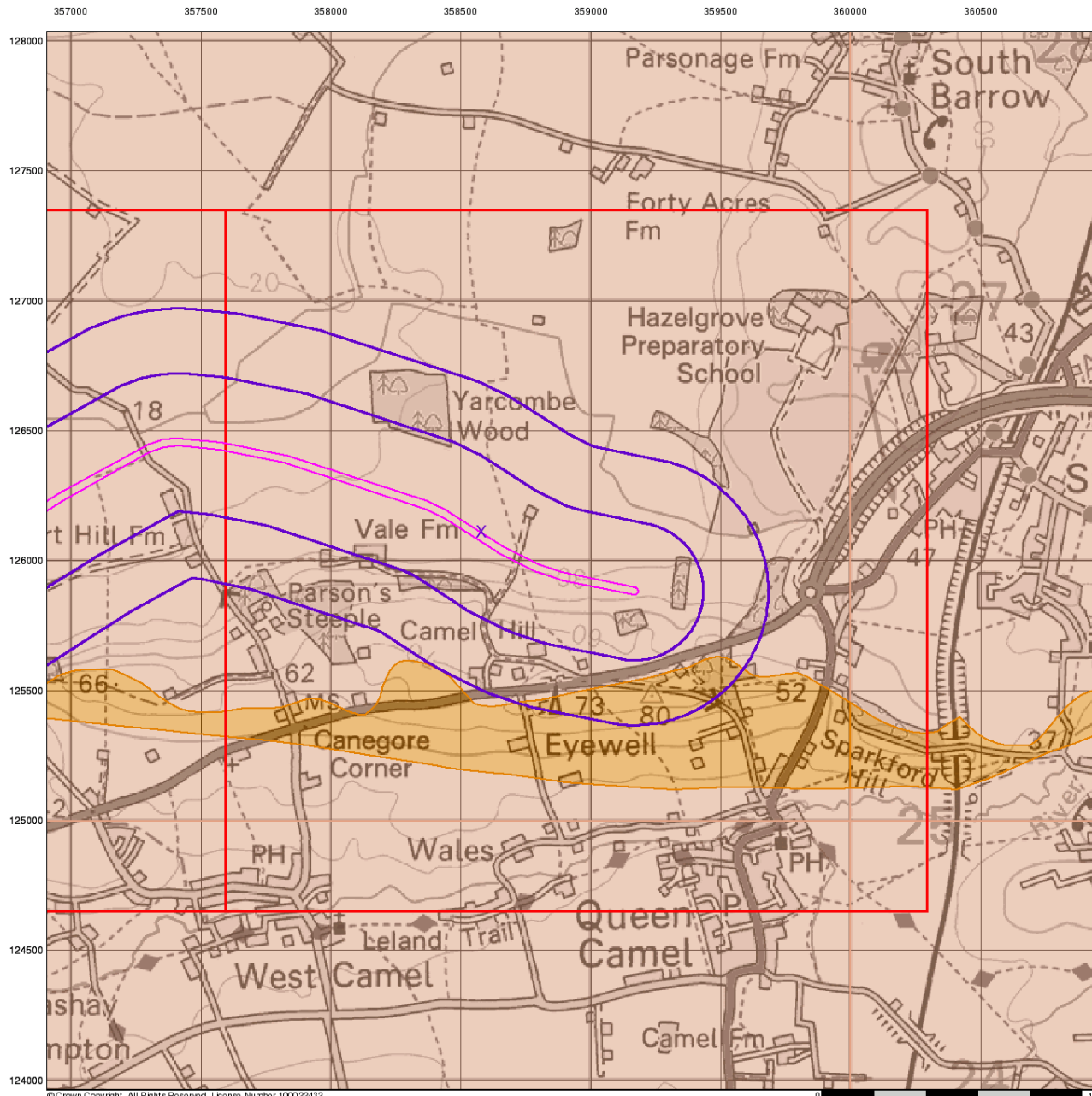
Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
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Site Details

Site at, Sparkford, Somerset



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



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0 1 km



Bedrock Aquifer Designation

General

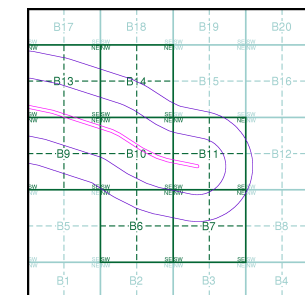
- Specified Site
- Specified Buffer(s)
- x Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice B



Order Details

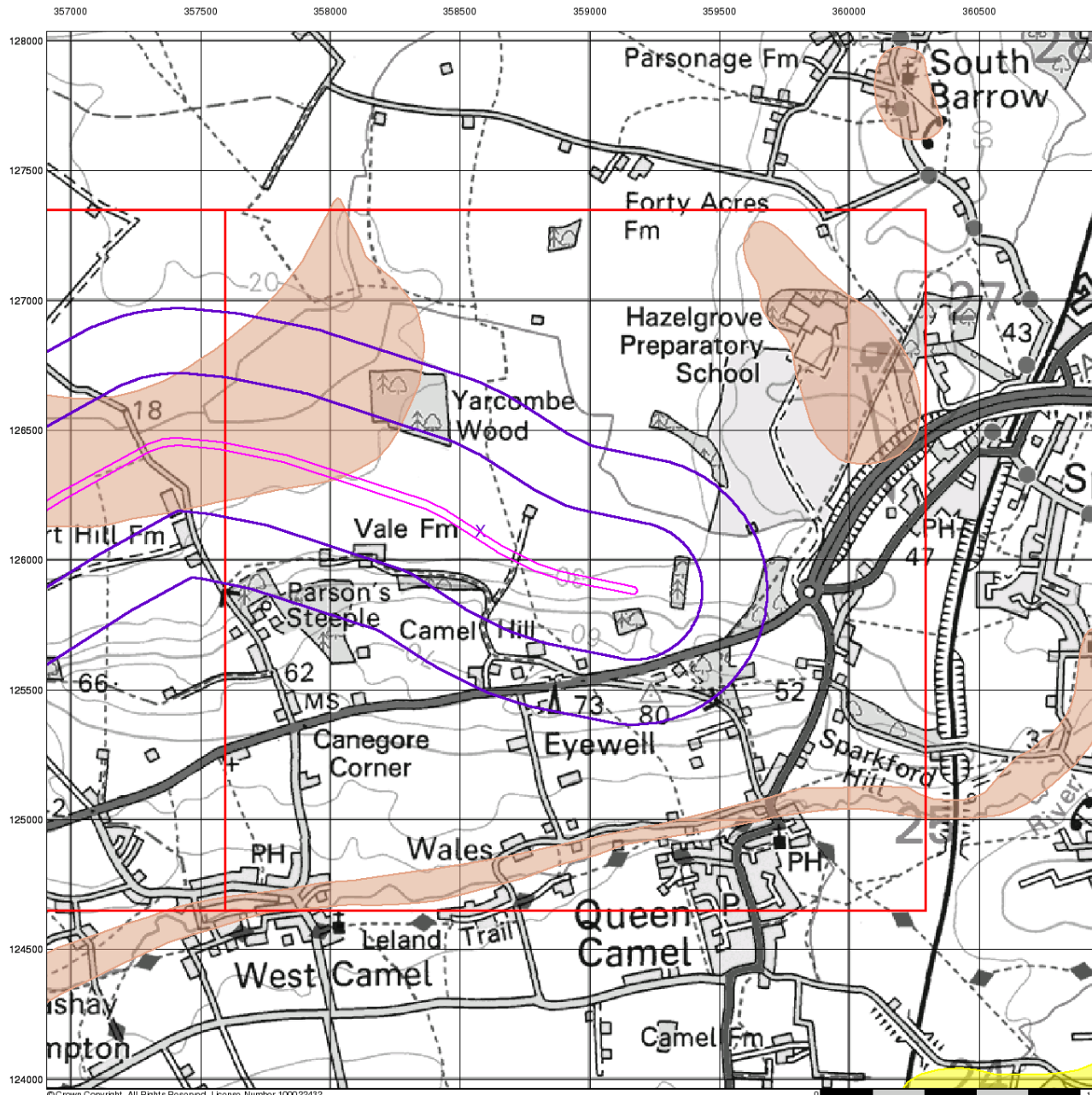
Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 500

Site Details

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Superficial Aquifer Designation

General

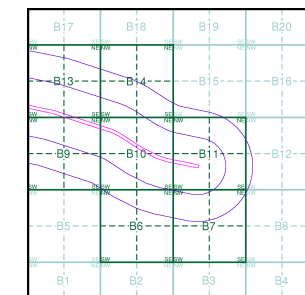
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice B



Order Details

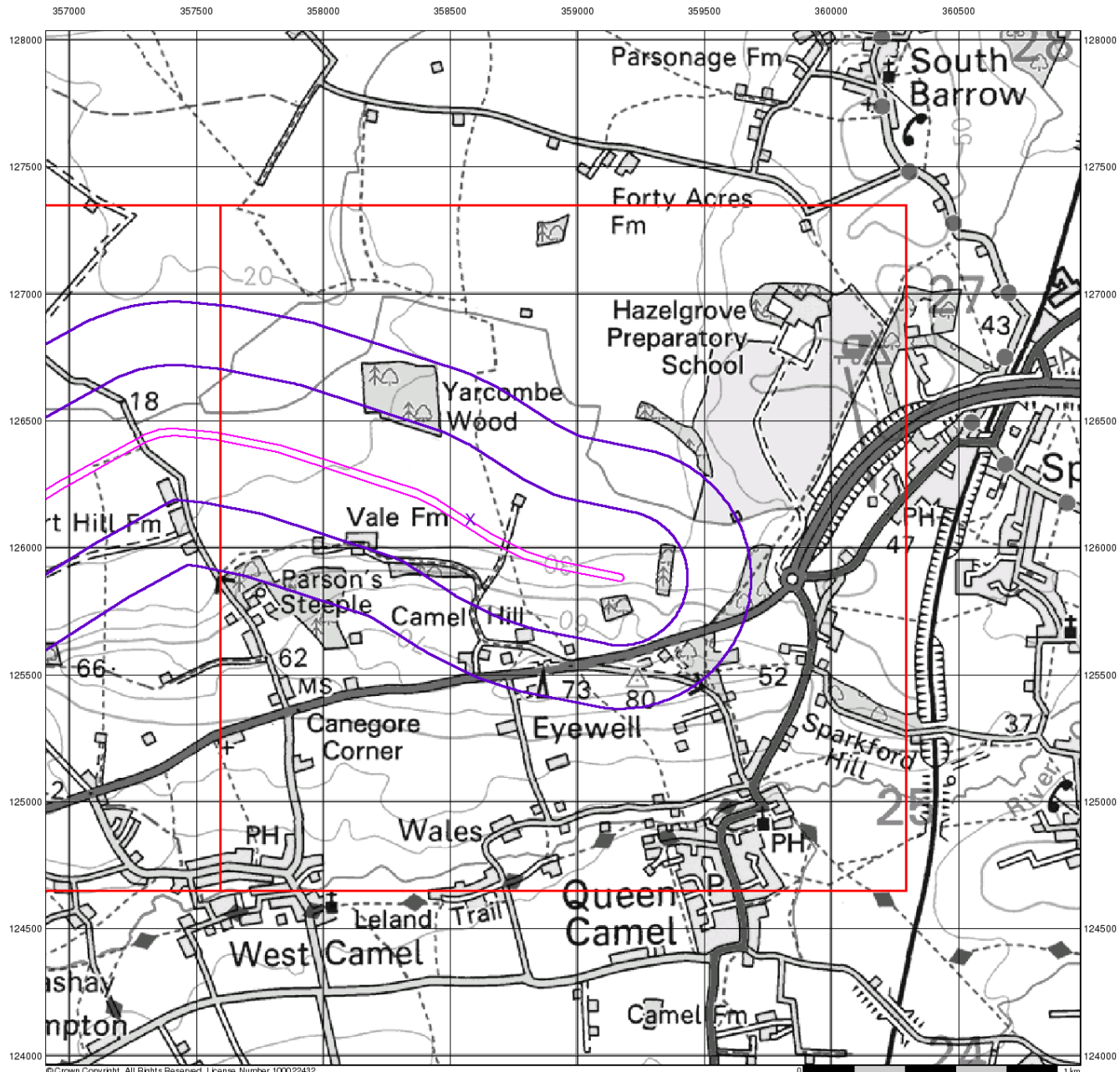
Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
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Site Details

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Source Protection Zones

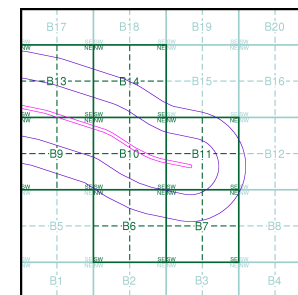
General

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

Agency and Hydrological

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

Site Sensitivity Context Map - Slice B



Order Details

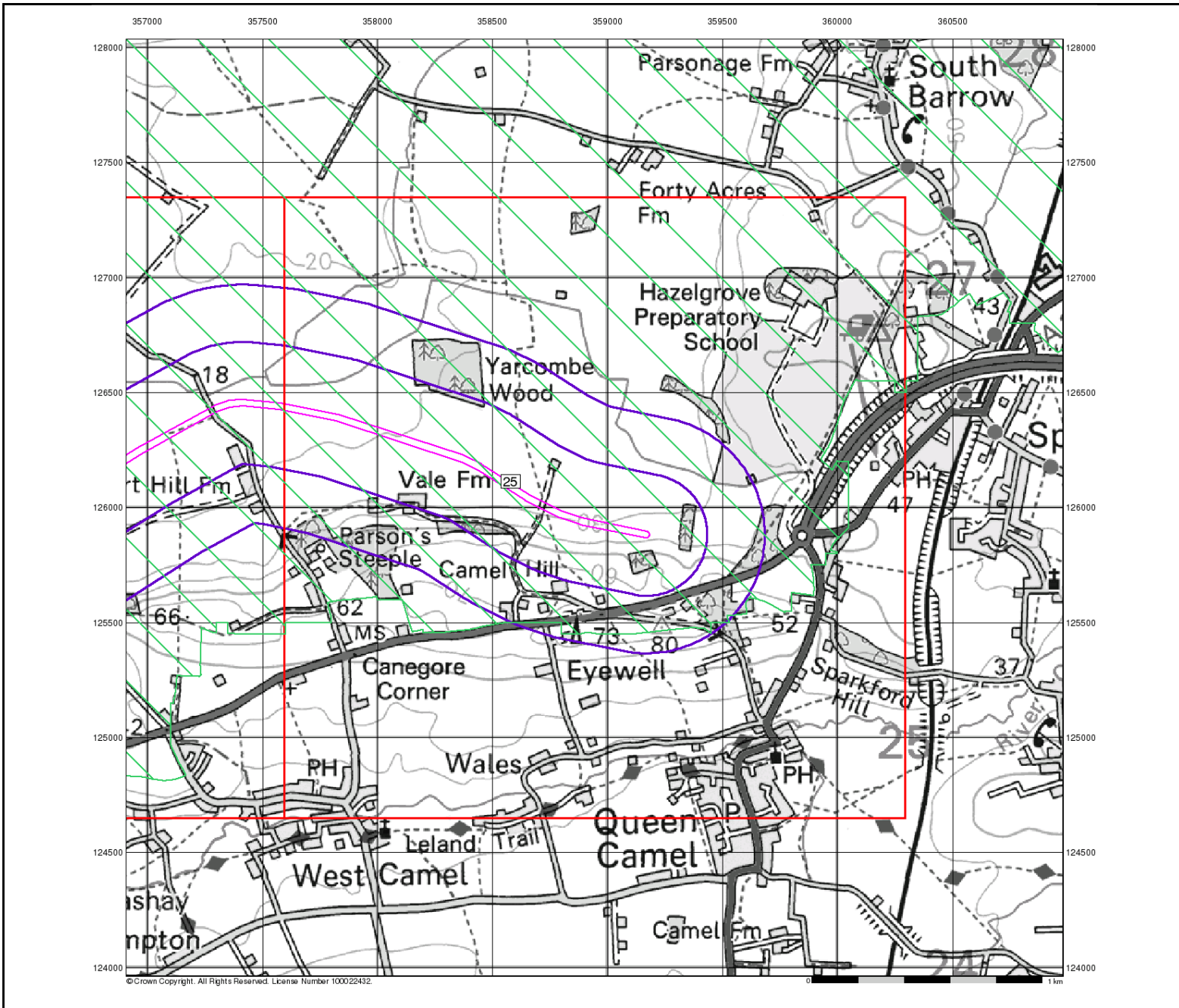
Order Number: 79579301_1_1
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 Slice: B
 Site Area (Ha): 10.71
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Site Details

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Sensitive Land Uses

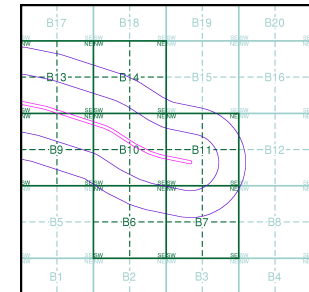
General

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

Sensitive Land Uses

- Area of Adopted Green Belt
- Area of Unadopted Green Belt
- Area of Outstanding Natural Beauty
- Environmentally Sensitive Area
- Forest Park
- Local Nature Reserve
- Marine Nature Reserve
- National Nature Reserve
- National Park
- Nitrate Sensitive Area
- Nitrate Vulnerable Zone
- Ramsar Site
- Site of Special Scientific Interest
- Special Area of Conservation
- Special Protection Area

Site Sensitivity Context Map - Slice B



Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 500

Site Details

Site at, Sparkford, Somerset



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

Historical Mapping Legends

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

Quarry **Gravel Pit** **Sand Pit**
Clay Pit **Shingle** **Refuse Heap**
Sloping Masonry **Flat Rock**
Marsh **Reeds** **Osiers**
Rough Pasture **Furze** **Wood**
Mixed Wood **Brushwood** **Orchard**
Fir **Ford** **Stepping Stones**
Ferry **Waterfall** **Lock**
Trig. Station **Altitude at Trig. Station**
B.M. 325.9 **Bench Mark** **Surface Level**
Arrow denotes flow of water **Antiquities (site of)**
Cutting **Embankment**
Railway crossing Road **Level Crossing** **Road crossing Railway**
Railway crossing River or Canal **Road over single stream** **Road over River or Canal**
County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
County Borough Boundary (England)
County Burgh Boundary (Scotland)
Co. Boro. Bdy.
Co. Burgh Bdy.
BP BS Boundary Post or Stone **P.C.B** Police Call Box
B.R. Bridle Road **P** Pump
E.P Electricity Pylon **S.P** Signal Post
F.B. Foot Bridge **SL** Sluice
F.P. Foot Path **Sp.** Spring
G.P Guide Post or Board **T.C.B** Telephone Call Box
M.S Mile Stone **Tr.** Trough
M.P M.R Mooring Post or Ring **W** Well

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

Inactive Quarry, Chalk Pit or Clay Pit **Active Quarry, Chalk Pit or Clay Pit**
Rock **Boulders**
Cliff **Slopes** **Top**
Roofed Building **Glazed Roof Building**
Sloping Masonry **Archway**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Bench Mark** **Antiquity (site of)**
Cave Entrance **Triangulation Station** **Electricity Pylon**
Electricity Transmission Line
County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
London Borough Boundary
Symbol marking point where boundary mereing changes
BH Beer House **P** Pillar, Pole or Post
BP, BS Boundary Post or Stone **PO** Post Office
Cn, C Capstan, Crane **PC** Public Convenience
Chy Chimney **PH** Public House
D Fn Drinking Fountain **Pp** Pump
EI P Electricity Pillar or Post **SB, S Br** Signal Box or Bridge
FAP Fire Alarm Pillar **SP, SL** Signal Post or Light
FB Foot Bridge **Spr** Spring
GP Guide Post **Tk** Tank or Track
H Hydrant or Hydraulic **TCB** Telephone Call Box
LC Level Crossing **TCP** Telephone Call Post
MH Manhole **Tr** Trough
MP Mile Post or Mooring Post **Wr Pt, Wr T** Water Point, Water Tap
MS Mile Stone **W** Well
NTL Normal Tidal Limit **Wd Pp** Wind Pump

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

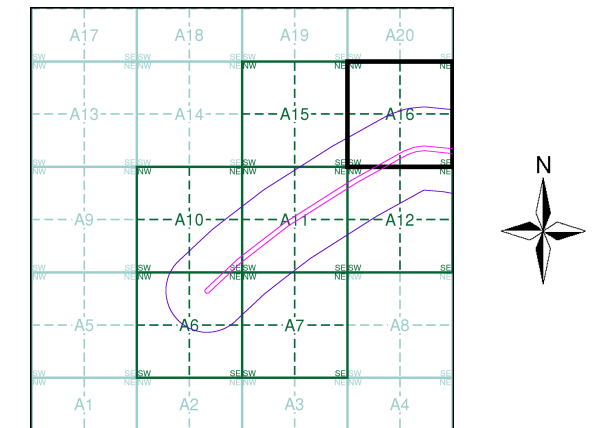
Cliff **Slopes** **Top**
Rock **Rock (scattered)**
Boulders **Boulders (scattered)**
Positioned Boulder **Scree**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Triangulation Station** **Antiquity (site of)**
Electricity Transmission Line **Electricity Pylon**
B.M. 231.60m Bench Mark **Buildings with Building Seed**
Roofed Building **Glazed Roof Building**
Civil parish/community boundary
District boundary
County boundary
Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)
Bks Barracks **P** Pillar, Pole or Post
Bty Battery **PO** Post Office
Cemy Cemetery **PC** Public Convenience
Chy Chimney **Pp** Pump
Cis Cistern **Ppg Sta** Pumping Station
Dismtd Rly Dismantled Railway **PW** Place of Worship
EI Gen Sta Electricity Generating Station **Sewage Ppg Sta** Sewage Pumping Station
EI P Electricity Pole, Pillar **SB, S Br** Signal Box or Bridge
EI Sub Sta Electricity Sub Station **SP, SL** Signal Post or Light
FB Filter Bed **Spr** Spring
Fn / D Fn Fountain / Drinking Ftn. **Tk** Tank or Track
Gas Gov Gas Valve Compound **Tr** Trough
GVC Gas Governor **Wd Pp** Wind Pump
GP Guide Post **Wr Pt, Wr T** Water Point, Water Tap
MH Manhole **Wks** Works (building or area)
MP, MS Mile Post or Mile Stone **W** Well

Grontmij

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Somerset	1:2,500	1887	2
Somerset	1:2,500	1903	3
Ordnance Survey Plan	1:2,500	1975 - 1977	4
Large-Scale National Grid Data	1:2,500	1995	5
Large-Scale National Grid Data	1:2,500	1996	6

Historical Map - Segment A16



Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 356600, 125990
 Slice: A
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

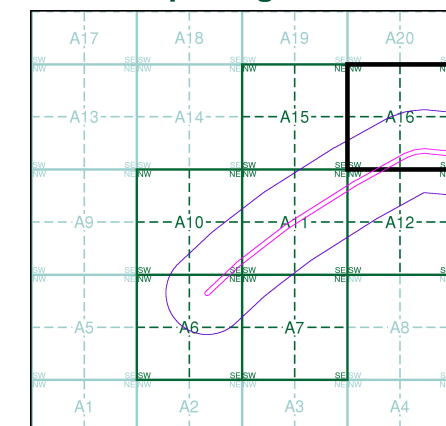
Site at, Sparkford, Somerset

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

Map Name(s) and Date(s)

074_02
1887
1:2,500
074_06
1887
1:2,500

Historical Map - Segment A16

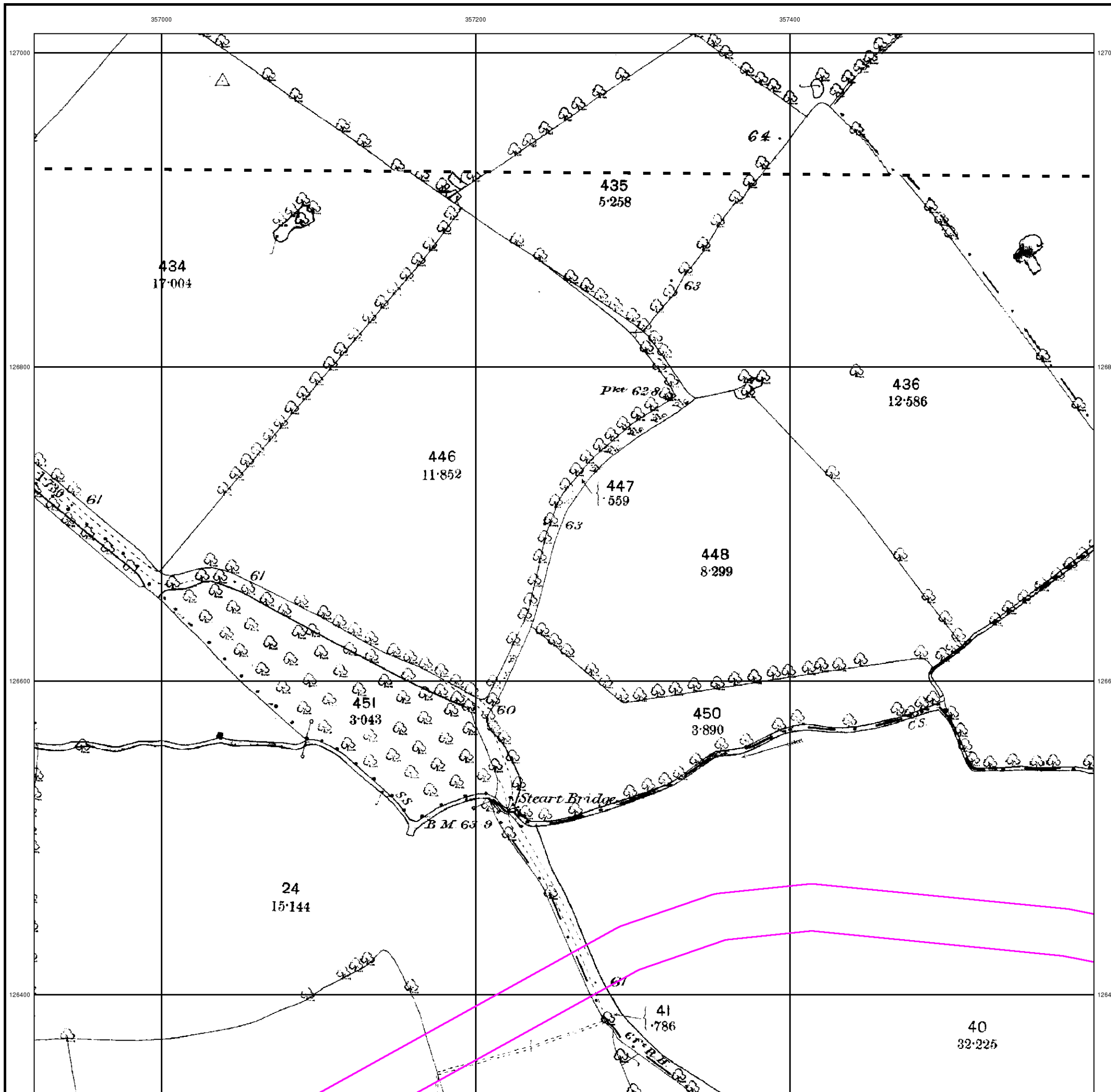


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 356600, 125990
 Slice: A
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset

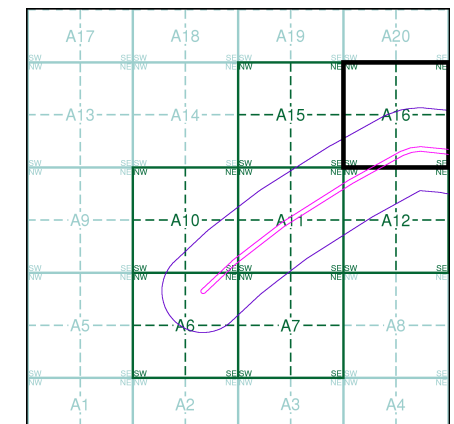


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain.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

Map Name(s) and Date(s)

074_02
1903
1:2,500
074_06
1903
1:2,500

Historical Map - Segment A16

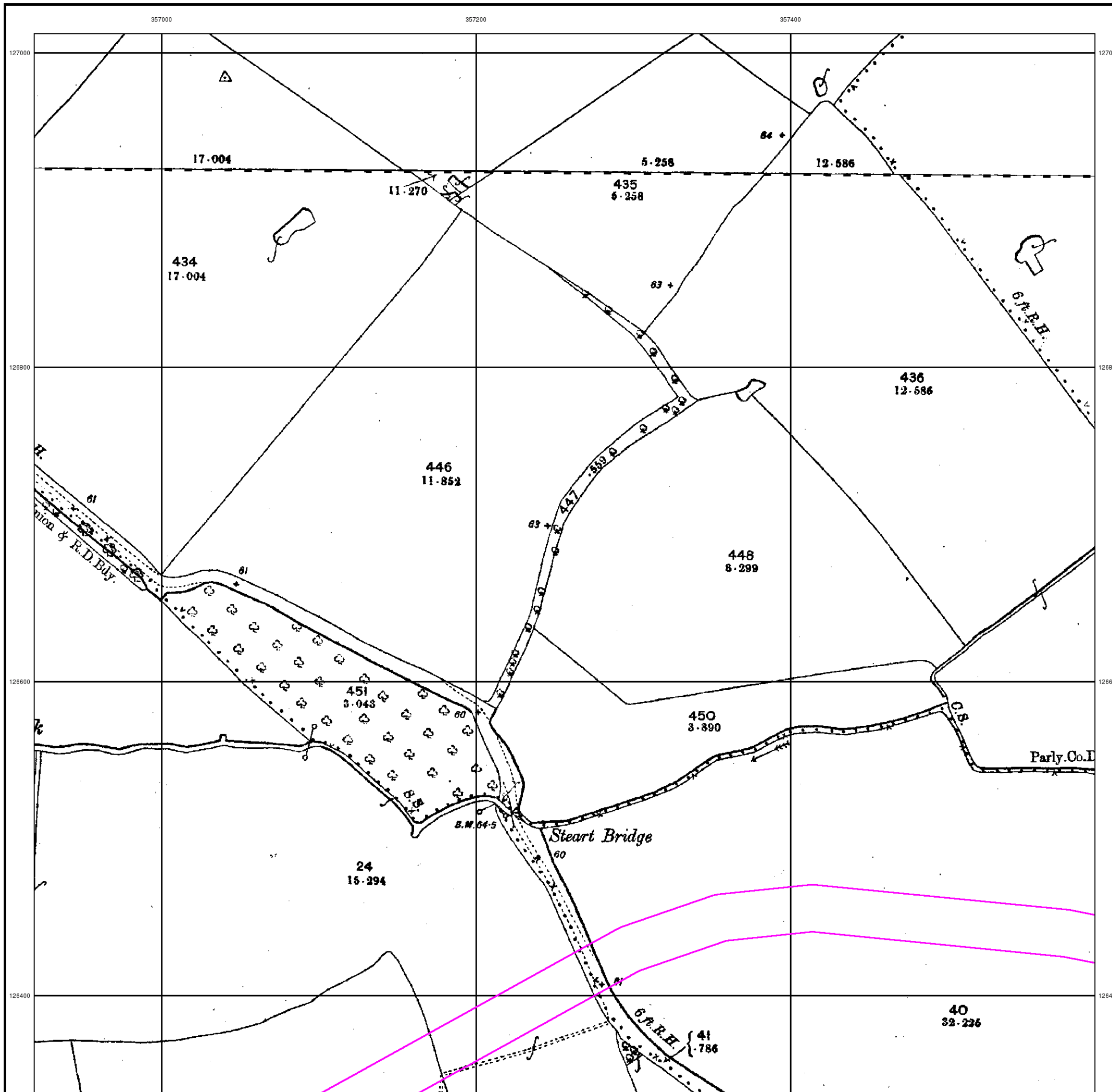


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 356600, 125990
 Slice: A
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset



Ordnance Survey Plan

Published 1975 - 1977

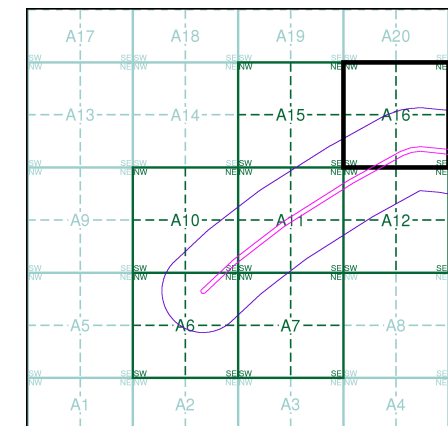
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

ST5627 1977 12,500	ST5727 1977 12,500
ST5626 1975 12,500	ST5726 1975 12,500

Historical Map - Segment A16

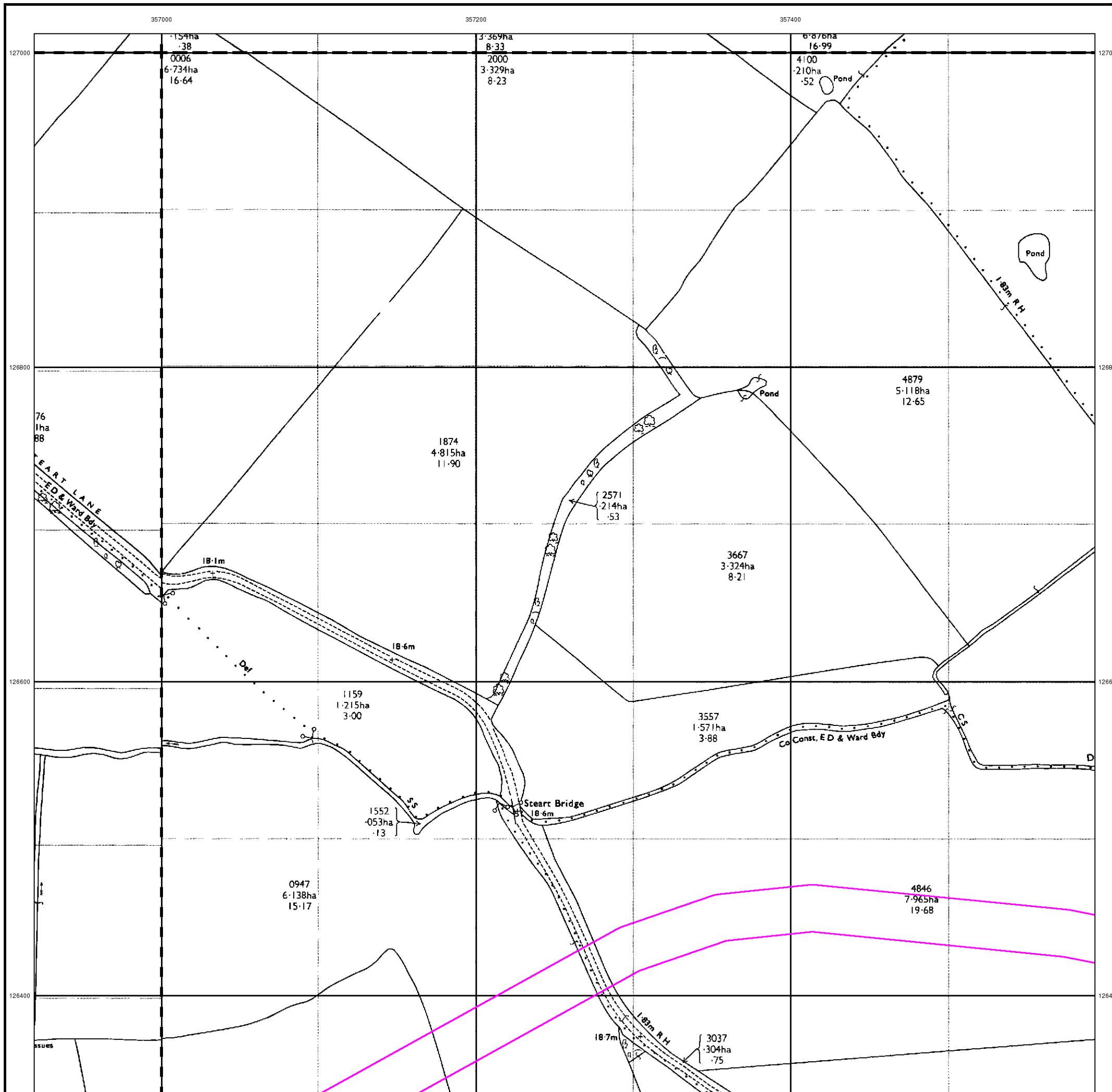


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 356600, 125990
 Slice: A
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset

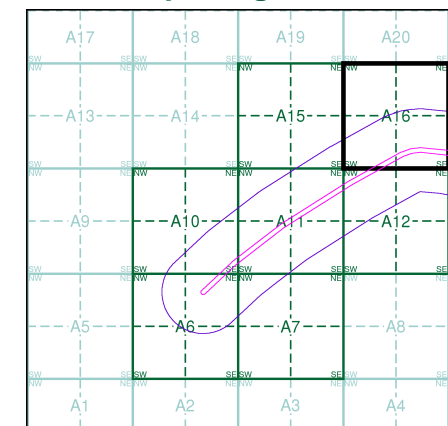


'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic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

Map Name(s) and Date(s)

ST5627 1995 1:2,500	ST5727 1995 1:2,500
ST5626 1995 1:2,500	ST5726 1995 1:2,500

Historical Map - Segment A16

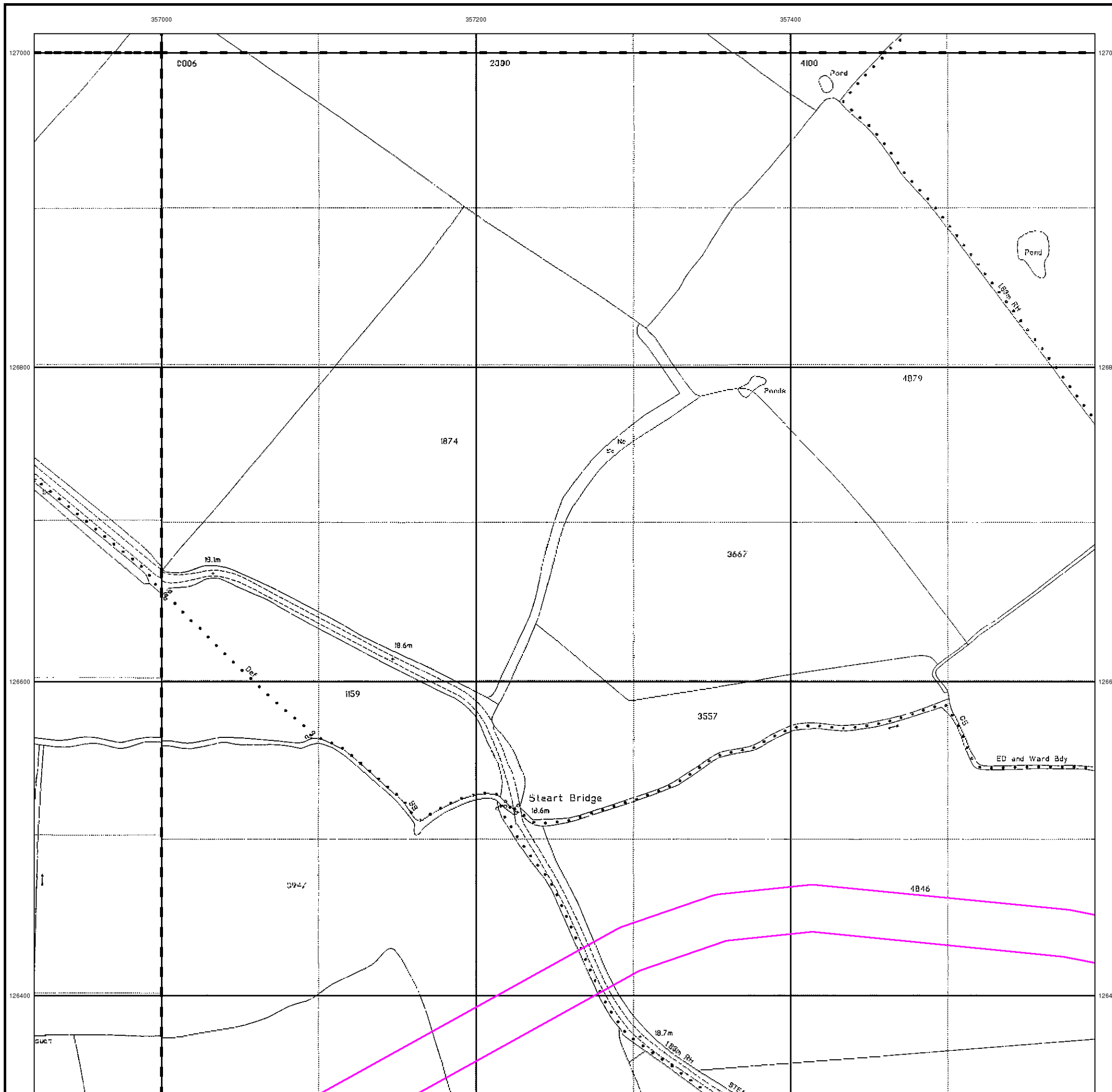


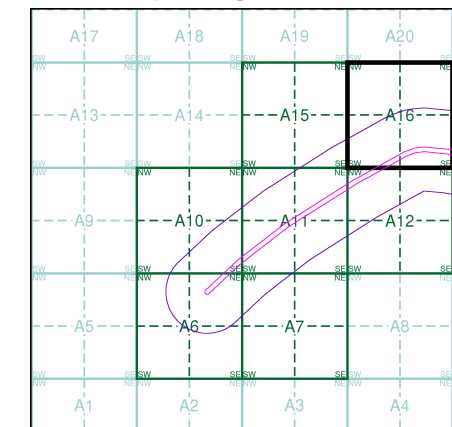
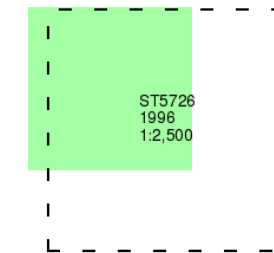
Order Details

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 Customer Ref: A303 Option F1
 National Grid Reference: 356600, 125990
 Slice: A
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset



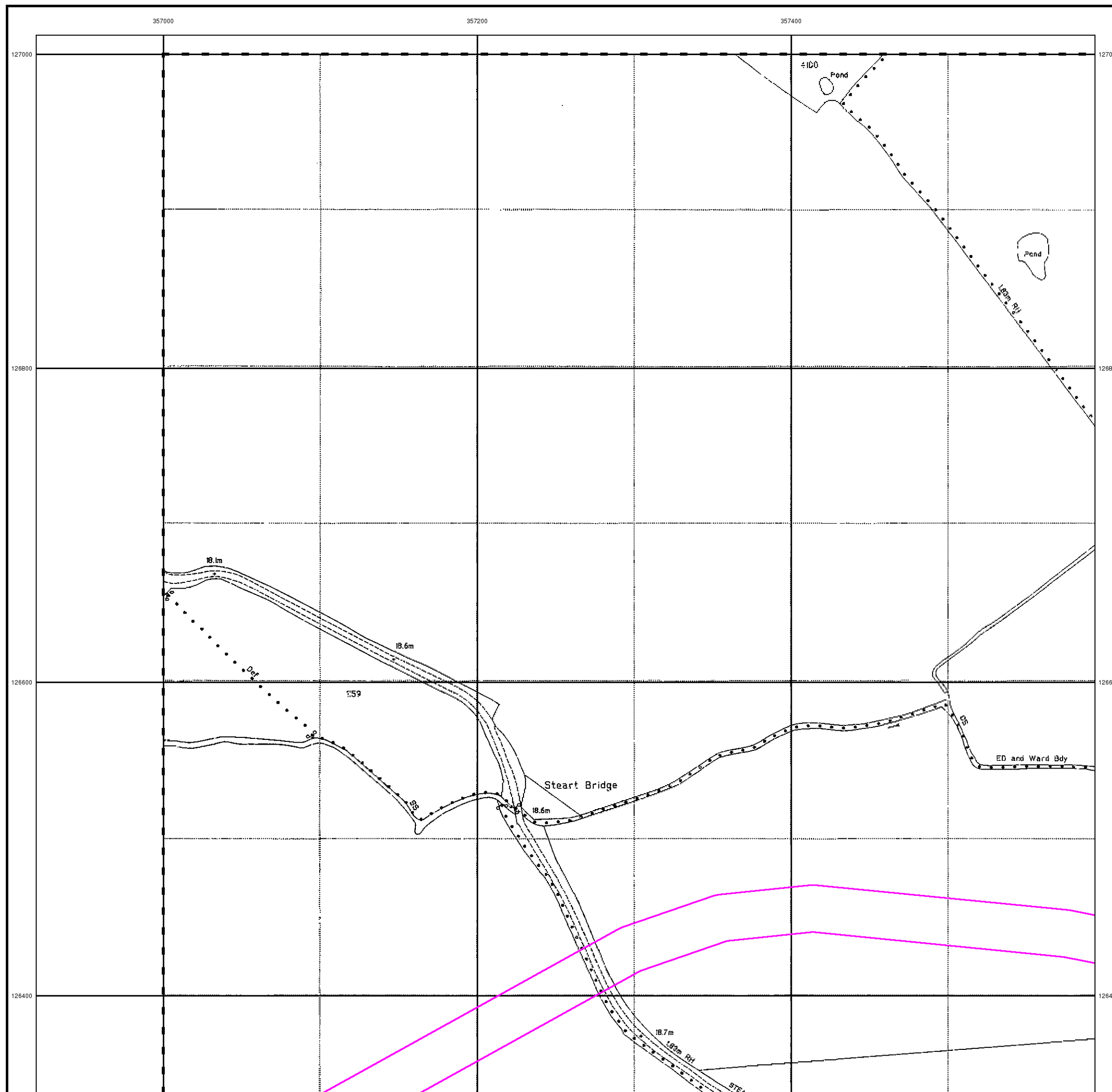


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 356600, 125990
 Slice: A
 Site Area (Ha): 10.71
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Site Details

Site at, Sparkford, Somerset



Historical Mapping Legends

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

Quarry **Gravel Pit** **Sand Pit**
Clay Pit **Shingle** **Refuse Heap**
Sloping Masonry **Flat Rock**
Marsh **Reeds** **Osiers**
Rough Pasture **Furze** **Wood**
Mixed Wood **Brushwood** **Orchard**
Fir **Ford** **Stepping Stones**
Ferry **Waterfall** **Lock**
Trig. Station **Altitude at Trig. Station**
B.M. 325.9 **Bench Mark** **Surface Level**
Arrow denotes flow of water **Antiquities (site of)**
Cutting **Embankment**
Railway crossing Road **Level Crossing** **Road crossing Railway**
Railway crossing River or Canal **Road over single stream** **Road over River or Canal**
County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
County Borough Boundary (England)
County Burgh Boundary (Scotland)
Co. Boro. Bdy.
Co. Burgh Bdy.
BP BS Boundary Post or Stone **P.C.B** Police Call Box
B.R. Bridle Road **P** Pump
E.P Electricity Pylon **S.P** Signal Post
F.B. Foot Bridge **SL** Sluice
F.P. Foot Path **Sp.** Spring
G.P Guide Post or Board **T.C.B** Telephone Call Box
M.S Mile Stone **Tr.** Trough
M.P M.R Mooring Post or Ring **W** Well

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

Inactive Quarry, Chalk Pit or Clay Pit **Active Quarry, Chalk Pit or Clay Pit**
Rock **Boulders**
Cliff **Slopes** **Top**
Roofed Building **Glazed Roof Building**
Sloping Masonry **Archway**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
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Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Bench Mark** **Antiquity (site of)**
Cave Entrance **Triangulation Station** **Electricity Pylon**
Electricity Transmission Line
County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
London Borough Boundary
Symbol marking point where boundary mereing changes
BH Beer House **P** Pillar, Pole or Post
BP, BS Boundary Post or Stone **PO** Post Office
Cn, C Capstan, Crane **PC** Public Convenience
Chy Chimney **PH** Public House
D Fn Drinking Fountain **Pp** Pump
EI P Electricity Pillar or Post **SB, S Br** Signal Box or Bridge
FAP Fire Alarm Pillar **SP, SL** Signal Post or Light
FB Foot Bridge **Spr** Spring
GP Guide Post **Tk** Tank or Track
H Hydrant or Hydraulic **TCB** Telephone Call Box
LC Level Crossing **TCP** Telephone Call Post
MH Manhole **Tr** Trough
MP Mile Post or Mooring Post **Wr Pt, Wr T** Water Point, Water Tap
MS Mile Stone **W** Well
NTL Normal Tidal Limit **Wd Pp** Wind Pump

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

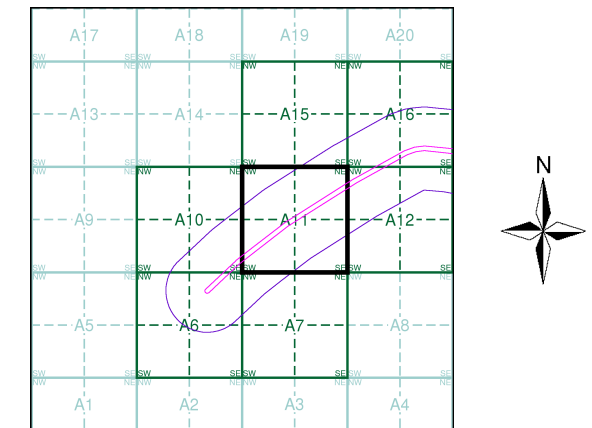
Cliff **Slopes** **Top**
Rock **Rock (scattered)**
Boulders **Boulders (scattered)**
Positioned Boulder **Scree**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Triangulation Station** **Antiquity (site of)**
Electricity Transmission Line **Electricity Pylon**
B.M. 231.60m Bench Mark **Buildings with Building Seed**
Roofed Building **Glazed Roof Building**
Civil parish/community boundary
District boundary
County boundary
Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)
Bks Barracks **P** Pillar, Pole or Post
Bty Battery **PO** Post Office
Cemy Cemetery **PC** Public Convenience
Chy Chimney **Pp** Pump
Cis Cistern **Ppg Sta** Pumping Station
Dismtd Rly Dismantled Railway **PW** Place of Worship
EI Gen Sta Electricity Generating Station **Sewage Ppg Sta** Sewage Pumping Station
EI P Electricity Pole, Pillar **SB, S Br** Signal Box or Bridge
EI Sub Sta Electricity Sub Station **SP, SL** Signal Post or Light
FB Filter Bed **Spr** Spring
Fn / D Fn Fountain / Drinking Ftn. **Tk** Tank or Track
Gas Gov Gas Valve Compound **Tr** Trough
GVC Gas Governor **Wd Pp** Wind Pump
GP Guide Post **Wr Pt, Wr T** Water Point, Water Tap
MH Manhole **Wks** Works (building or area)
MP, MS Mile Post or Mile Stone **W** Well

Grontmij

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Somerset	1:2,500	1887	2
Somerset	1:2,500	1903	3
Ordnance Survey Plan	1:2,500	1975	4
Large-Scale National Grid Data	1:2,500	1995	5
Large-Scale National Grid Data	1:2,500	1996	6

Historical Map - Segment A11



Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 356600, 125990
 Slice: A
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset

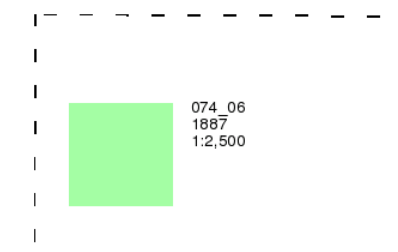
Somerset

Published 1887

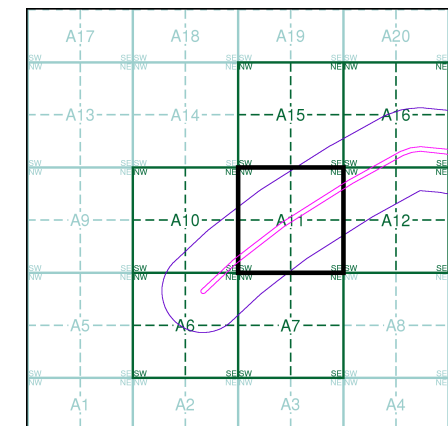
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A11

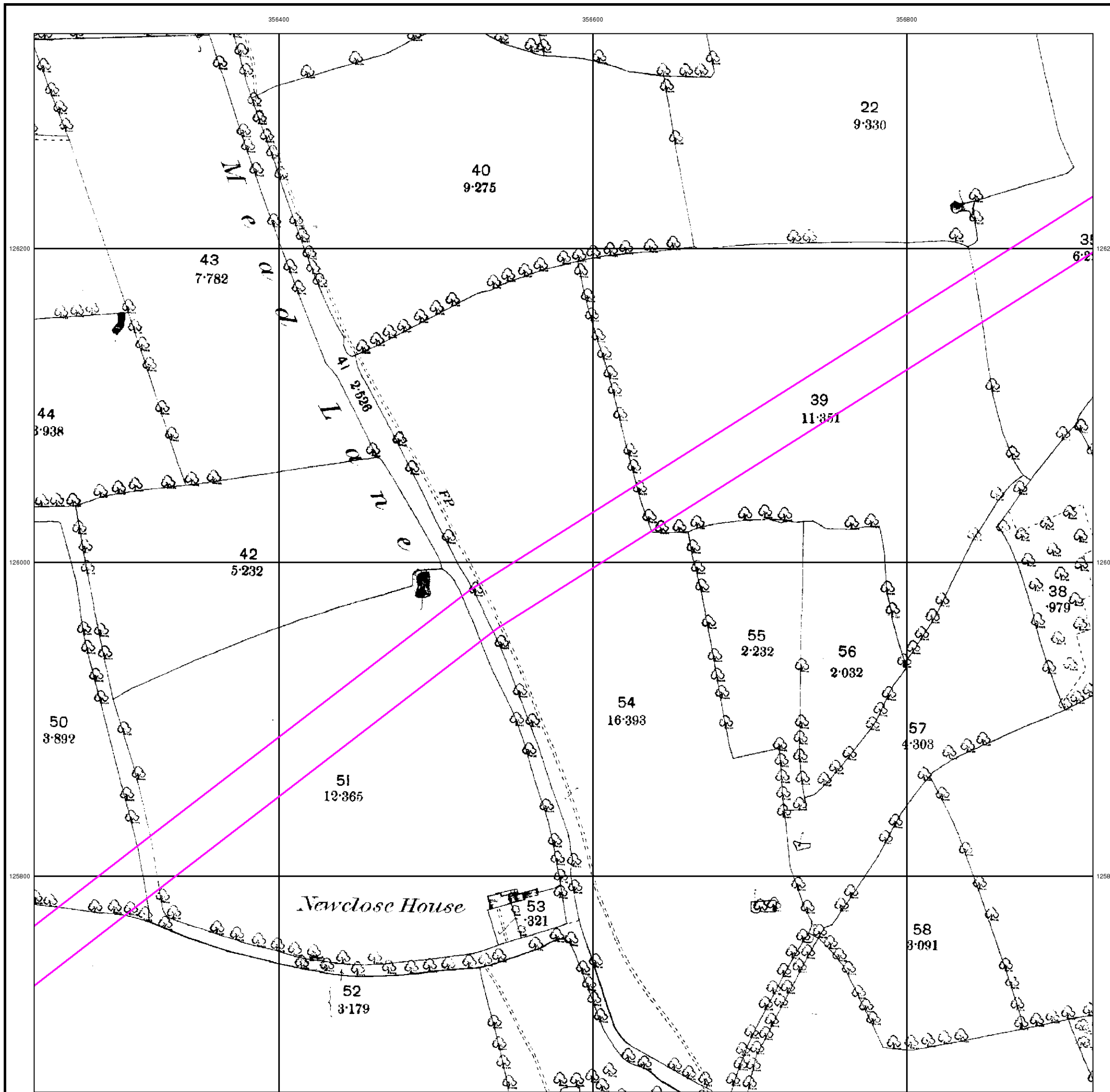


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 356600, 125990
 Slice: A
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset



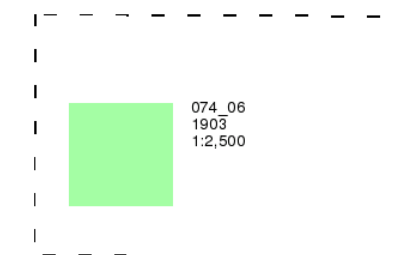
Somerset

Published 1903

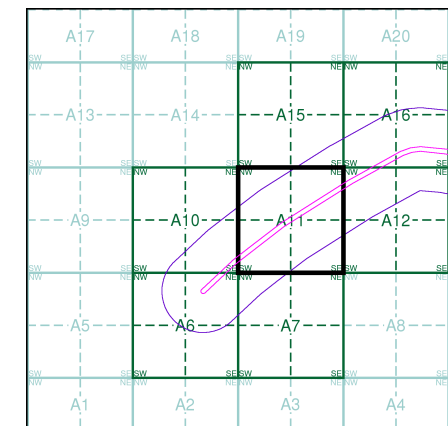
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A11

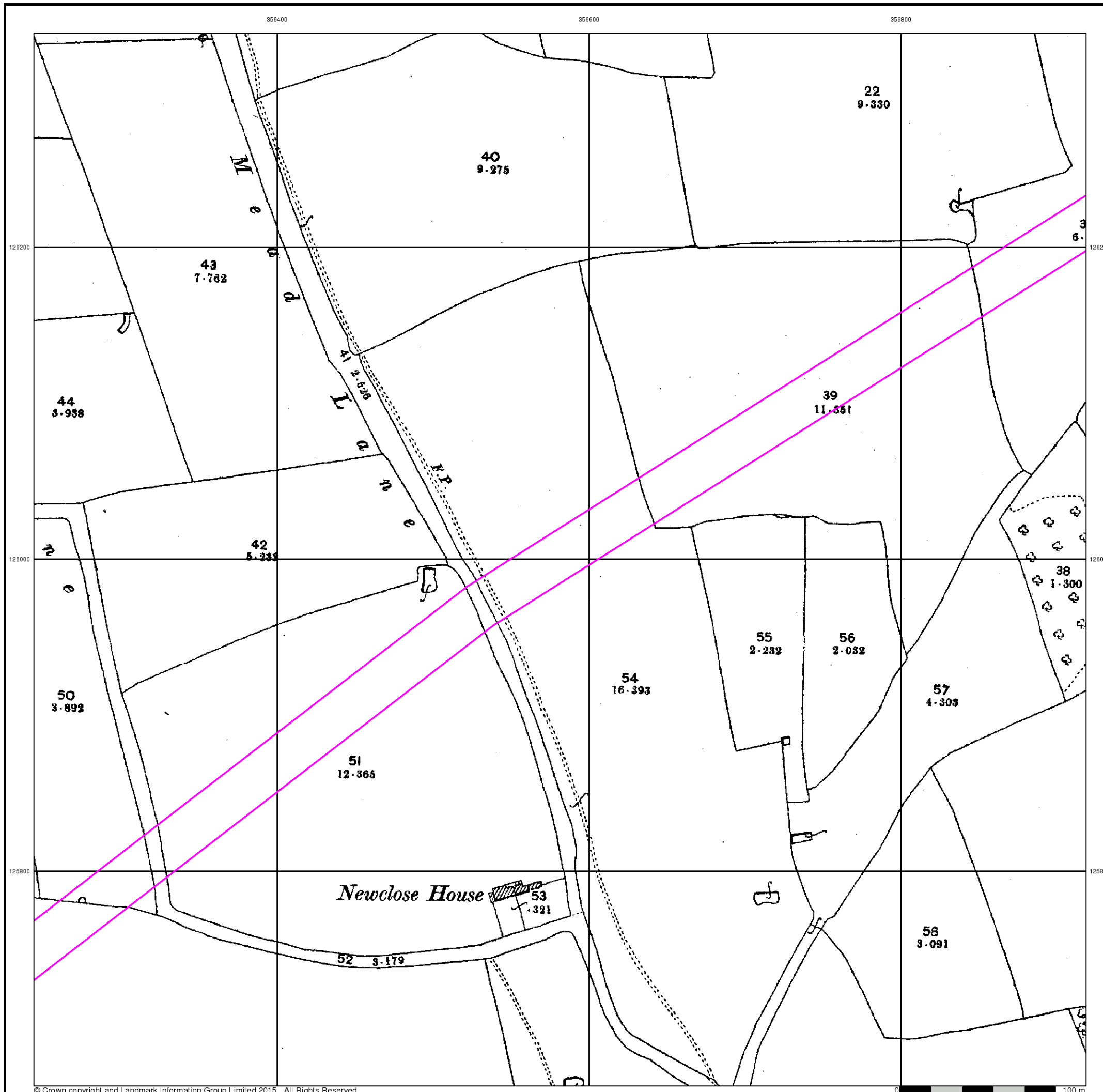


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 356600, 125990
 Slice: A
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset



Ordnance Survey Plan

Published 1975

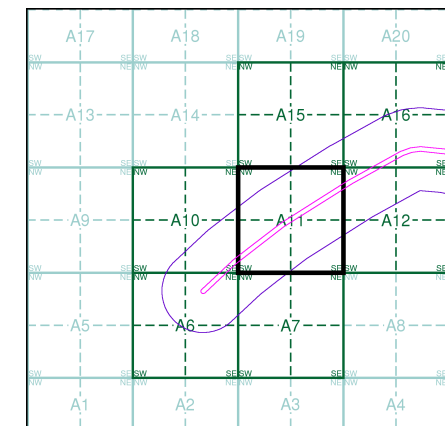
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

ST5626	1975	1:2,500
ST5625	1975	1:2,500

Historical Map - Segment A11

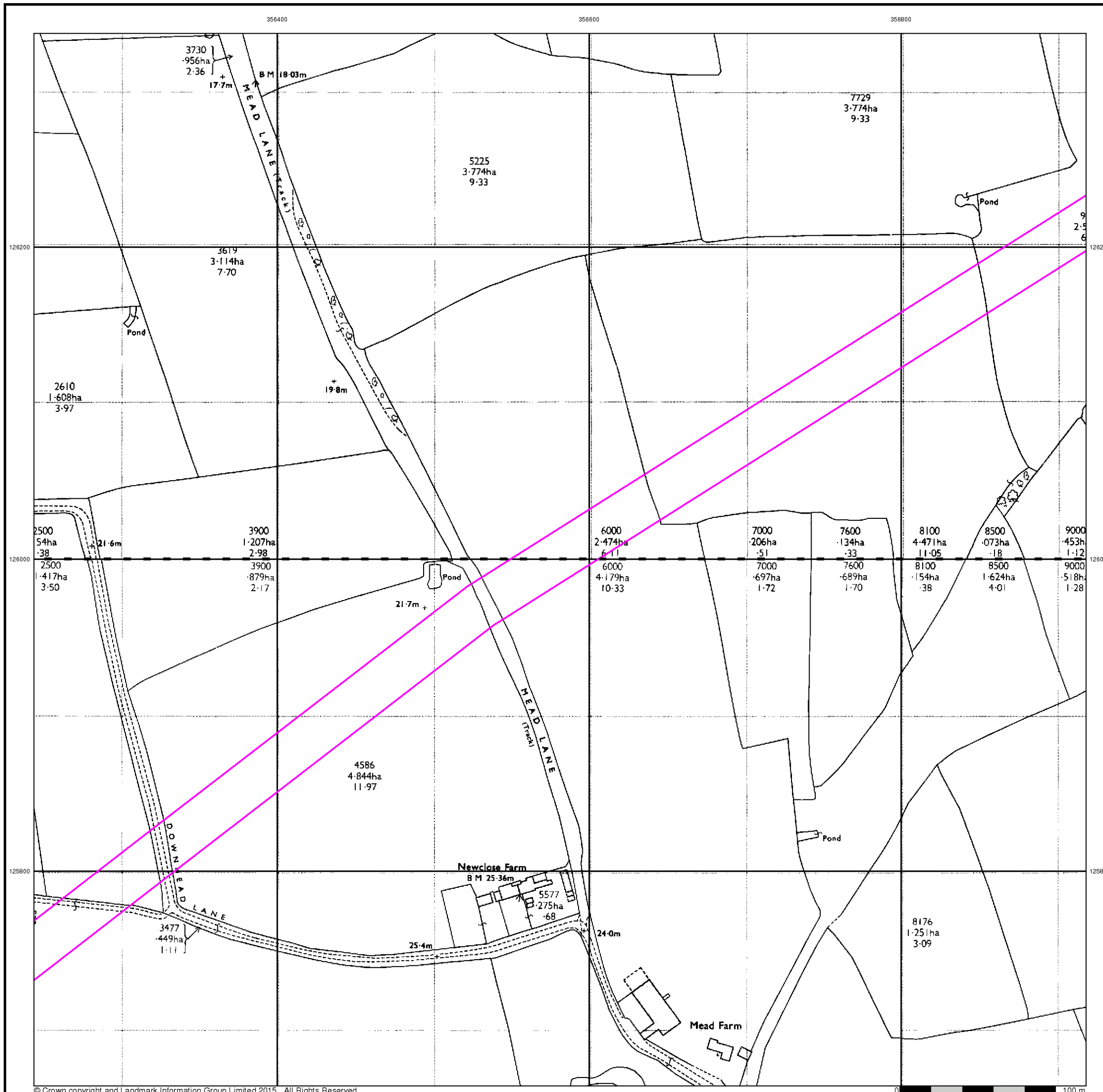


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 356600, 125990
 Slice: A
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset

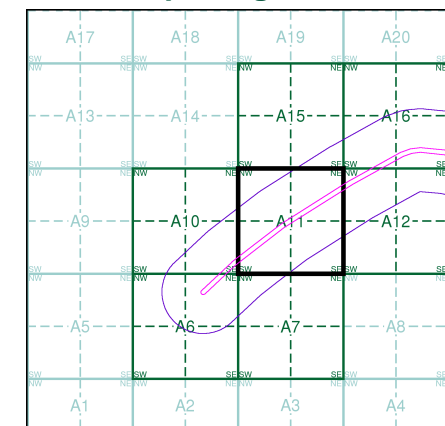


'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic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

Map Name(s) and Date(s)

ST5626	1995	1:2,500
ST5625	1995	1:2,500

Historical Map - Segment A11

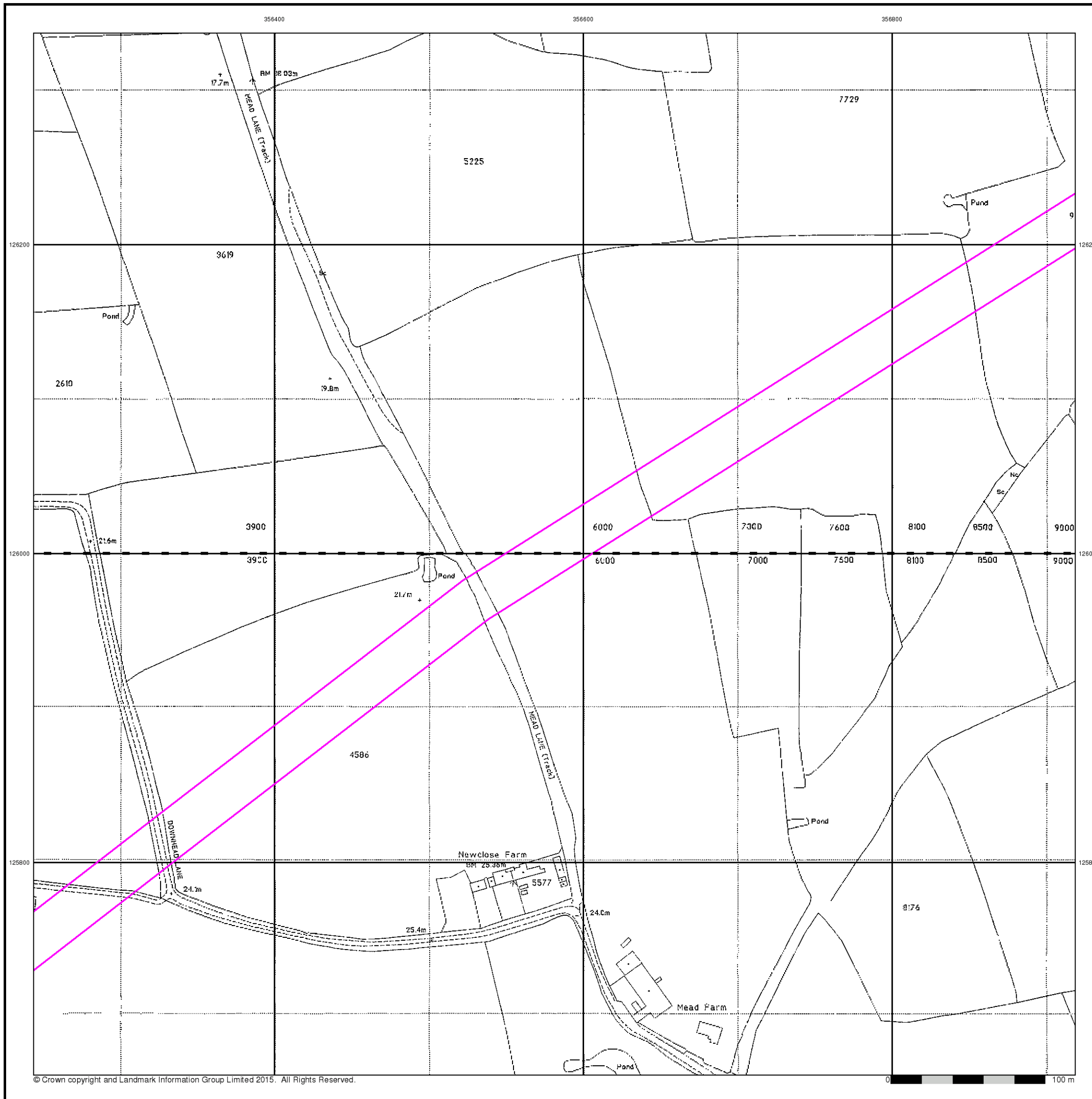


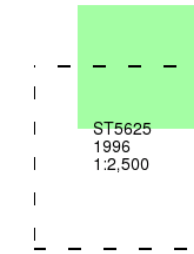
Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 356600, 125990
 Slice: A
 Site Area (Ha): 10.71
 Search Buffer (m): 250

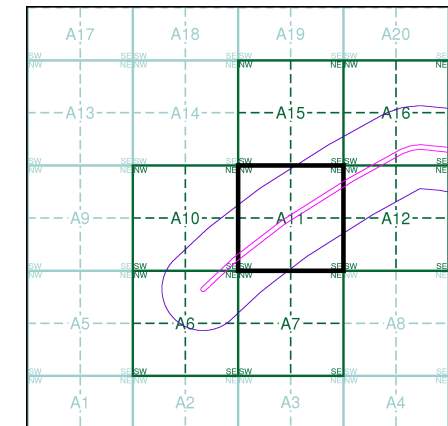
Site Details

Site at, Sparkford, Somerset





Historical Map - Segment A11

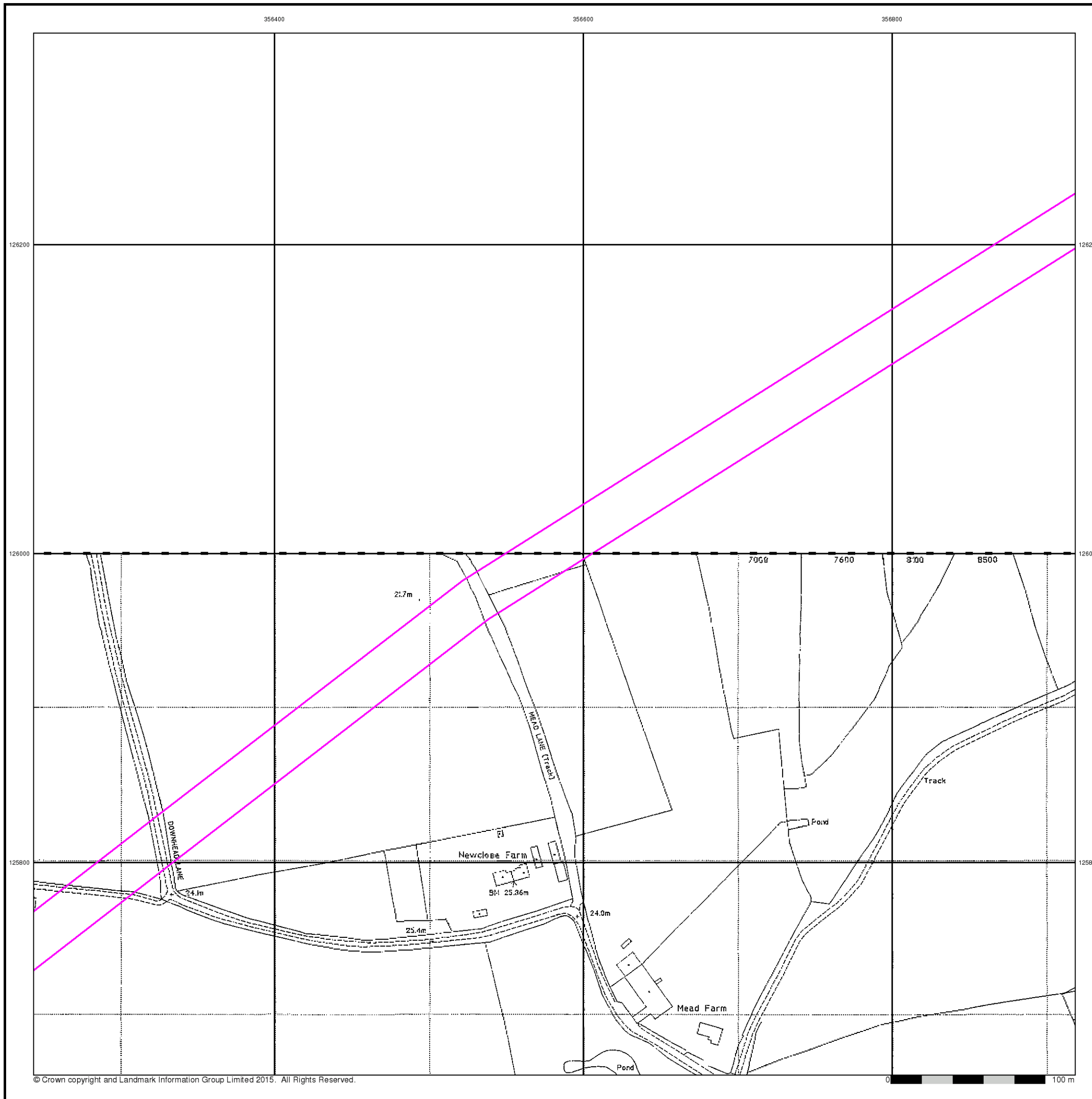


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 356600, 125990
 Slice: A
 Site Area (Ha): 10.71
 Search Buffer (m): 250

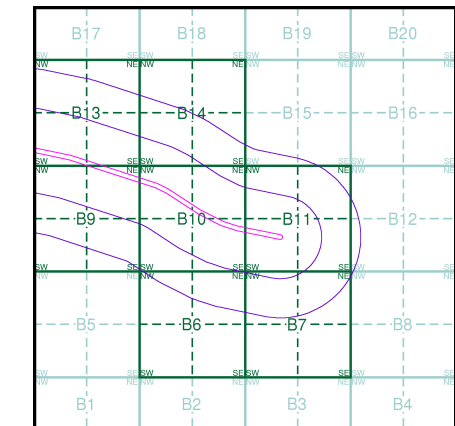
Site Details

Site at, Sparkford, Somerset



- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
 - Several of Type at Location
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
 - Contaminated Land Register Entry or Notice
 - Discharge Consent
 - Enforcement or Prohibition Notice
 - Integrated Pollution Control
 - Integrated Pollution Prevention Control
 - Local Authority Integrated Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control Enforcement
 - Pollution Incident to Controlled Waters
 - Prosecution Relating to Authorised Processes
 - Prosecution Relating to Controlled Waters
 - Registered Radioactive Substance
 - River Network or Water Feature
 - River Quality Sampling Point
 - Substantiated Pollution Incident Register
 - Water Abstraction
 - Water Industry Act Referral
- Waste**
- BGS Recorded Landfill Site (Location)
 - BGS Recorded Landfill Site
 - EA Historic Landfill (Buffered Point)
 - EA Historic Landfill (Polygon)
 - Integrated Pollution Control Registered Waste Site
 - Licensed Waste Management Facility (Landfill Boundary)
 - Licensed Waste Management Facility (Location)
 - Local Authority Recorded Landfill Site (Location)
 - Local Authority Recorded Landfill Site
 - Registered Landfill Site
 - Registered Landfill Site (Location)
 - Registered Landfill Site (Point Buffered to 100m)
 - Registered Landfill Site (Point Buffered to 250m)
 - Registered Waste Transfer Site (Location)
 - Registered Waste Transfer Site
 - Registered Waste Treatment or Disposal Site (Location)
 - Registered Waste Treatment or Disposal Site
- Hazardous Substances**
- COMAH Site
 - Explosive Site
 - NIHHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement
- Geological**
- BGS Recorded Mineral Site
- Industrial Land Use**
- Contemporary Trade Directory Entry
 - Fuel Station Entry

Site Sensitivity Map - Slice B

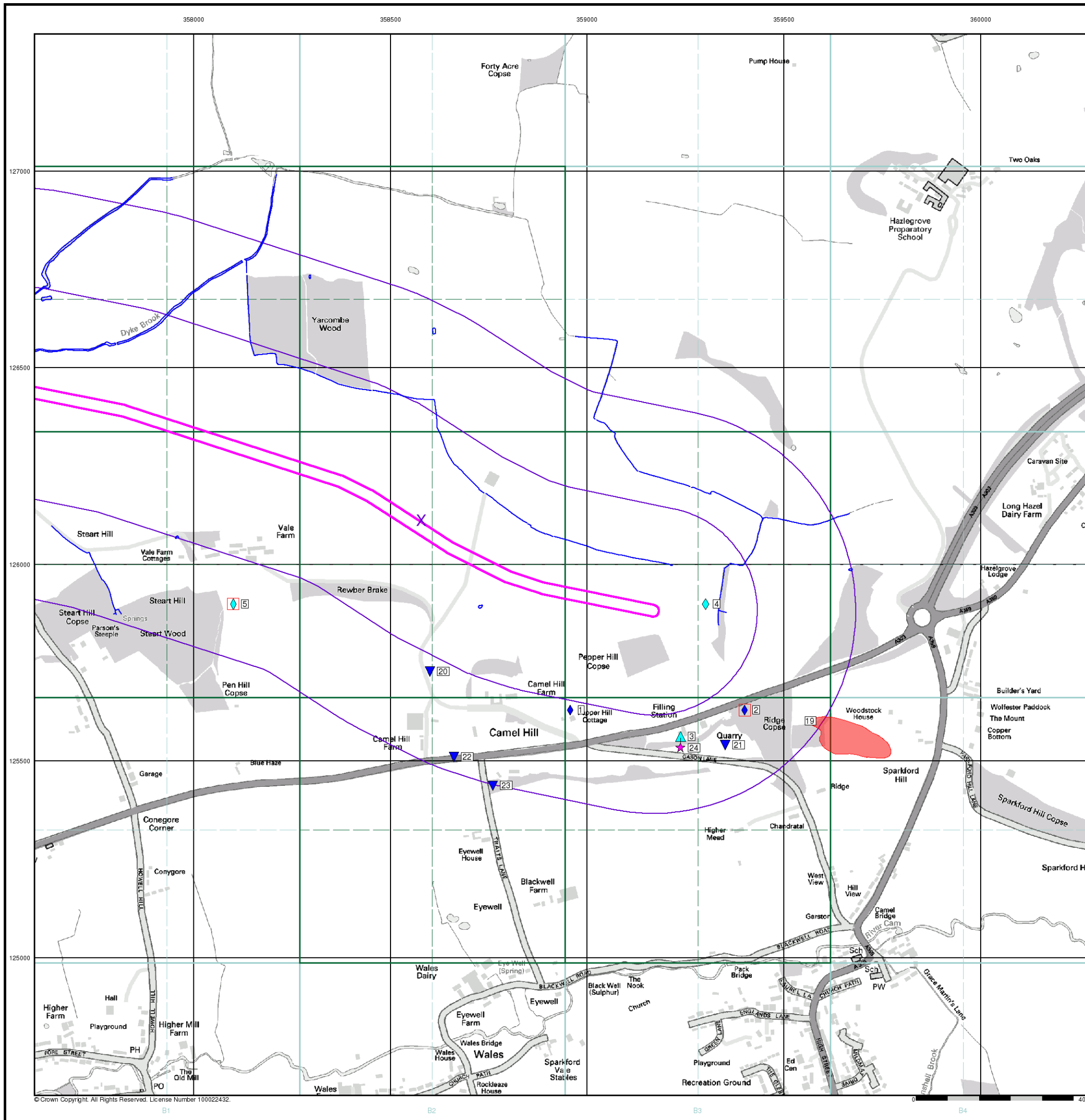


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 500




Site Details

Site at, Sparkford, Somerset








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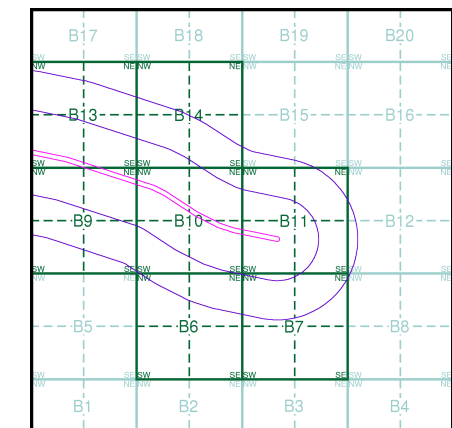
General

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

Agency and Hydrological (Flood)

-  Extreme Flooding from Rivers or Sea without Defences (Zone 2)
-  Flooding from Rivers or Sea without Defences (Zone 3)
-  Area Benefiting from Flood Defence
-  Flood Water Storage Areas
-  Flood Defence

Flood Map - Slice B

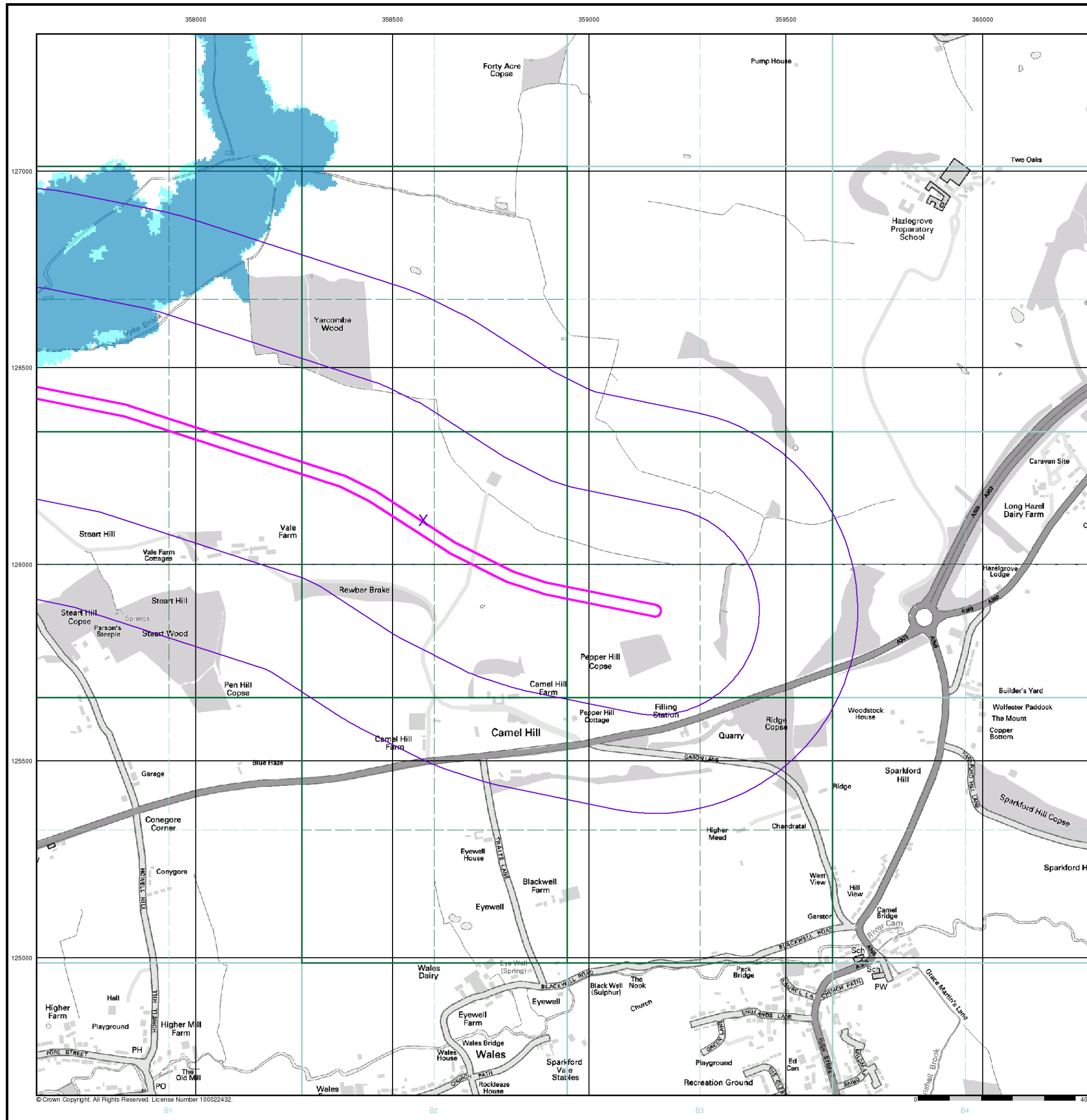


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 500






Site Details

Site at, Sparkford, Somerset








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General

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

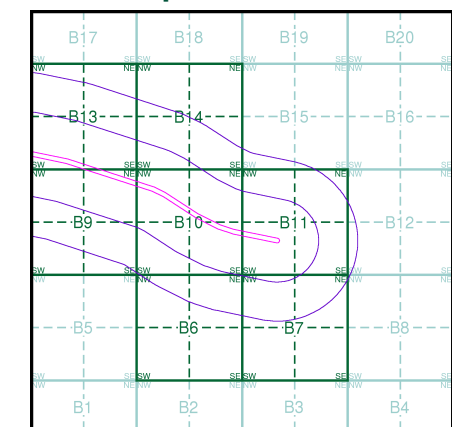
Agency and Hydrological (Boreholes)

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

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

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

Borehole Map - Slice B

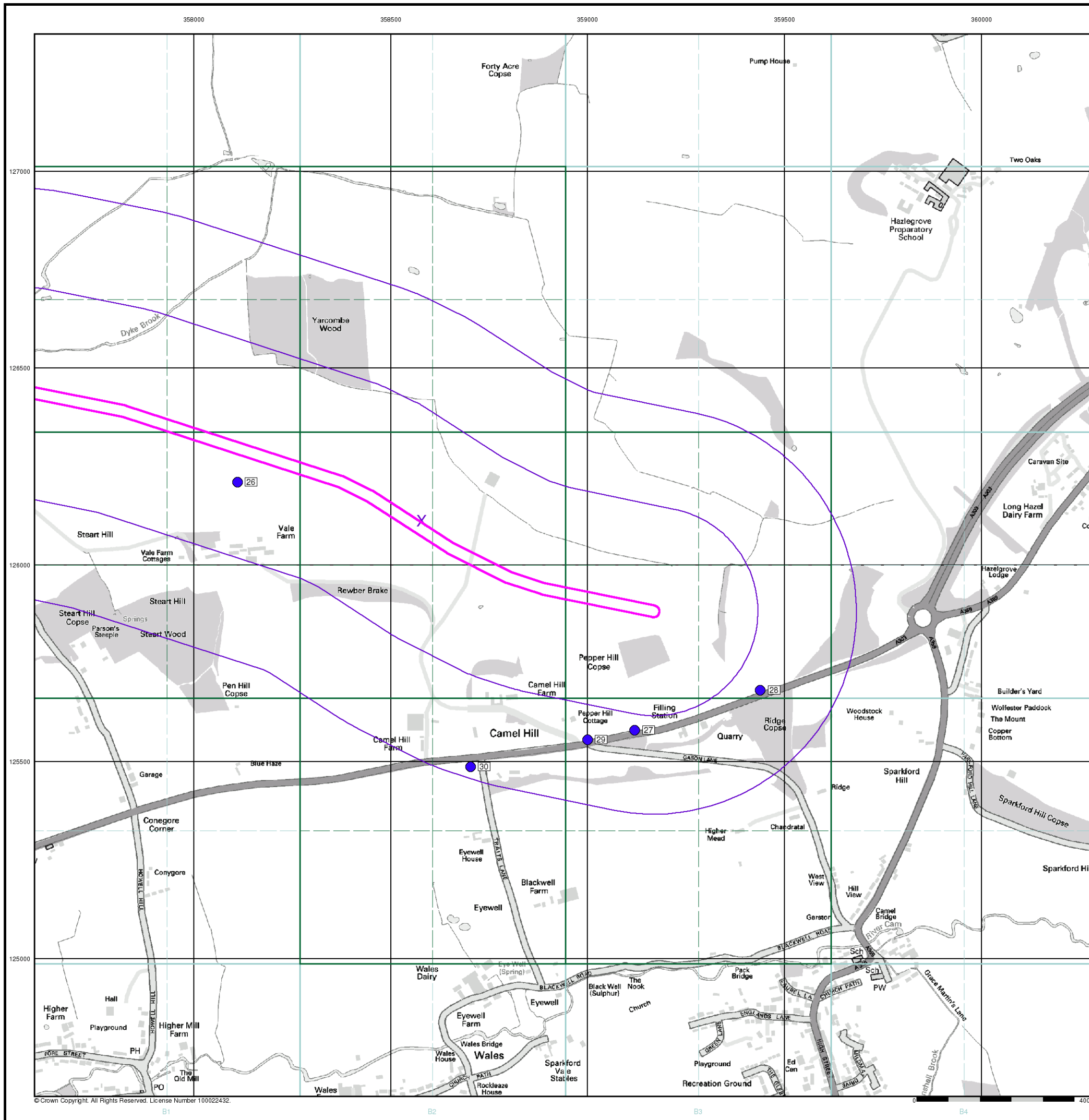


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 500

Site Details

Site at, Sparkford, Somerset









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




General

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

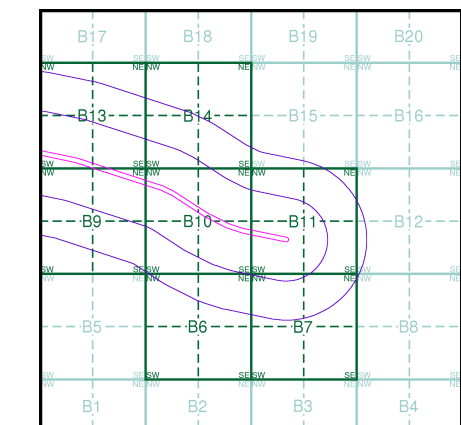
Detailed River Network Data

- | | |
|--|---|
|  Primary River |  Extended Culvert (greater than 50m) |
|  Secondary River |  Underground River (inferred) |
|  Tertiary River |  Underground River (local knowledge) |
|  Canal |  Downstream of High Water Mark |
|  Canal Tunnel |  Downstream of Seaward Extension |
|  Undefined River |  Not assigned River feature |
|  Lake/Reservoir | |
|  Offline Drainage Feature | |

Contours (height in metres)

- Standard Contour  105
- Master Contour  100
- Spot Height  *167.3
-  MLW Mean Low Water
-  MHW Mean High Water

EANRW Detailed River Network Map - Slice B

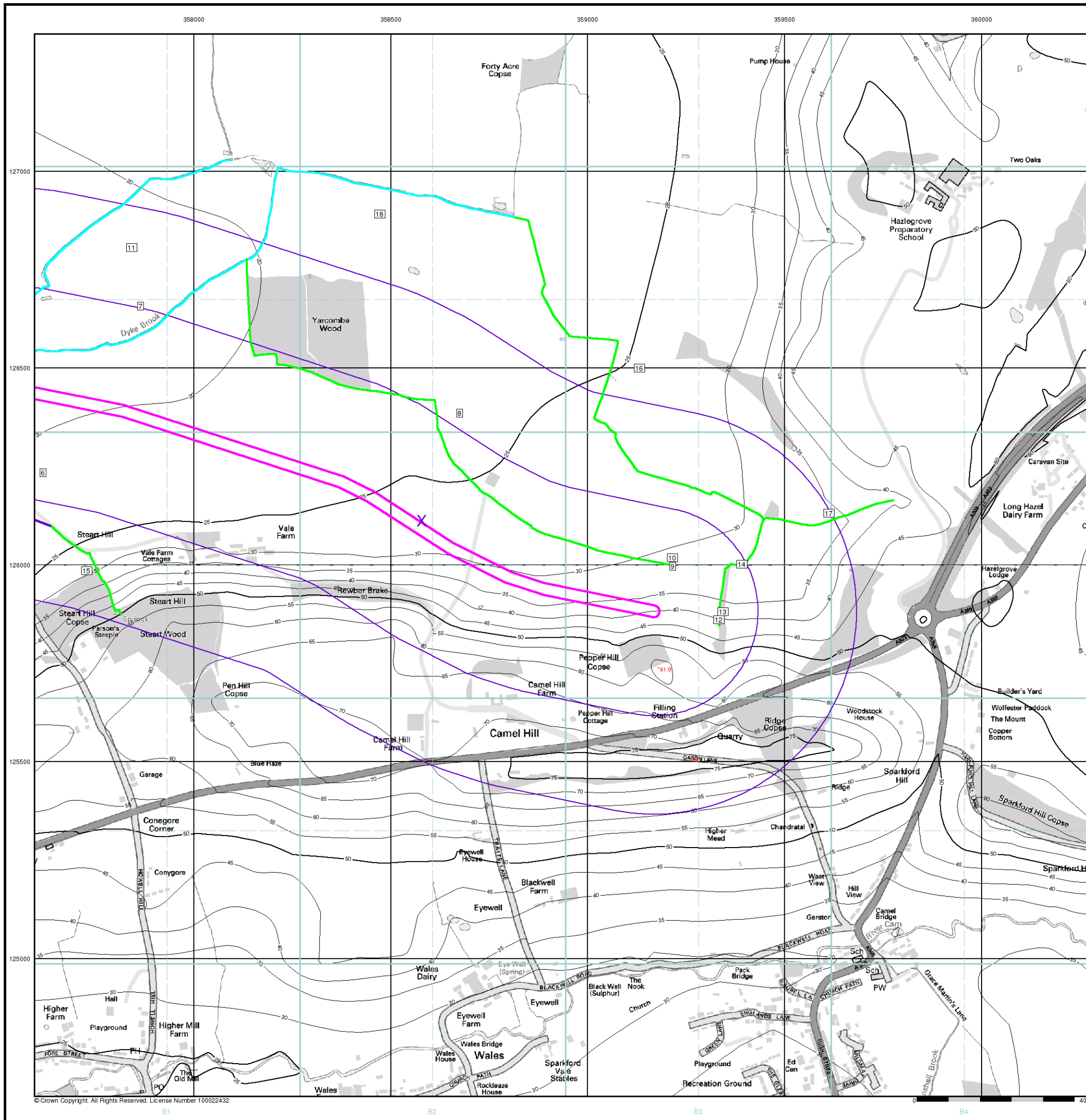


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 500




Site Details

Site at, Sparkford, Somerset



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General

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

Risk of Flooding from Surface Water

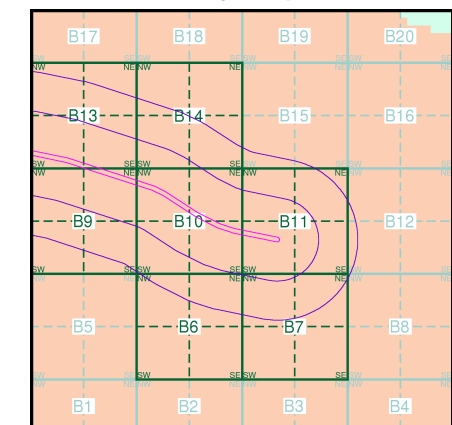
-  High - 30 Year Return
-  Medium - 100 Year Return
-  Low - 1000 Year Return

Suitability

See the suitability map below

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

EANRW Suitability Map - Slice B

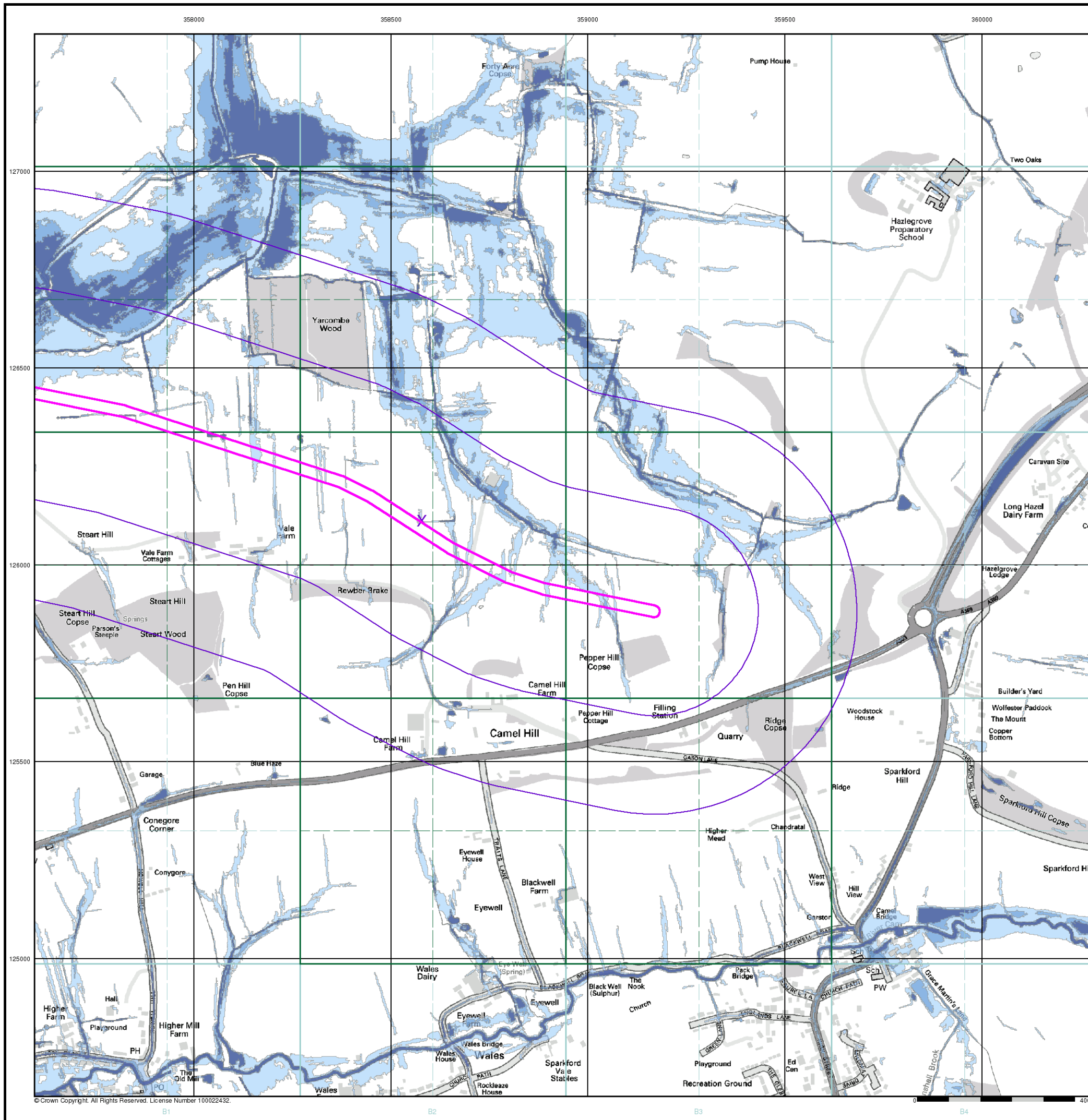


Order Details

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 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 500

Site Details

Site at, Sparkford, Somerset



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Historical Mapping Legends

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

Quarry **Gravel Pit** **Sand Pit**
Clay Pit **Shingle** **Refuse Heap**
Sloping Masonry **Flat Rock**
Marsh **Reeds** **Osiers**
Rough Pasture **Furze** **Wood**
Mixed Wood **Brushwood** **Orchard**
Fir **Ford** **Stepping Stones**
Ferry **Waterfall** **Lock**
Trig. Station **Altitude at Trig. Station**
B.M. 325.9 **Bench Mark** **Surface Level**
Arrow denotes flow of water **Antiquities (site of)**
Cutting **Embankment**
Railway crossing Road **Level Crossing** **Road crossing Railway**
Railway crossing River or Canal **Road over single stream** **Road over River or Canal**
County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
County Borough Boundary (England)
County Burgh Boundary (Scotland)
Co. Boro. Bdy.
Co. Burgh Bdy.
BP BS Boundary Post or Stone **P.C.B** Police Call Box
B.R. Bridle Road **P** Pump
E.P Electricity Pylon **S.P** Signal Post
F.B. Foot Bridge **SL** Sluice
F.P. Foot Path **Sp.** Spring
G.P Guide Post or Board **T.C.B** Telephone Call Box
M.S Mile Stone **Tr.** Trough
M.P M.R Mooring Post or Ring **W** Well

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

Inactive Quarry, Chalk Pit or Clay Pit **Active Quarry, Chalk Pit or Clay Pit**
Rock **Boulders**
Cliff **Slopes** **Top**
Roofed Building **Glazed Roof Building**
Sloping Masonry **Archway**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Bench Mark** **Antiquity (site of)**
Cave Entrance **Triangulation Station** **Electricity Pylon**
Electricity Transmission Line
County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
London Borough Boundary
Symbol marking point where boundary mereing changes
BH Beer House **P** Pillar, Pole or Post
BP, BS Boundary Post or Stone **PO** Post Office
Cn, C Capstan, Crane **PC** Public Convenience
Chy Chimney **PH** Public House
D Fn Drinking Fountain **Pp** Pump
EI P Electricity Pillar or Post **SB, S Br** Signal Box or Bridge
FAP Fire Alarm Pillar **SP, SL** Signal Post or Light
FB Foot Bridge **Spr** Spring
GP Guide Post **Tk** Tank or Track
H Hydrant or Hydraulic **TCB** Telephone Call Box
LC Level Crossing **TCP** Telephone Call Post
MH Manhole **Tr** Trough
MP Mile Post or Mooring Post **Wr Pt, Wr T** Water Point, Water Tap
MS Mile Stone **W** Well
NTL Normal Tidal Limit **Wd Pp** Wind Pump

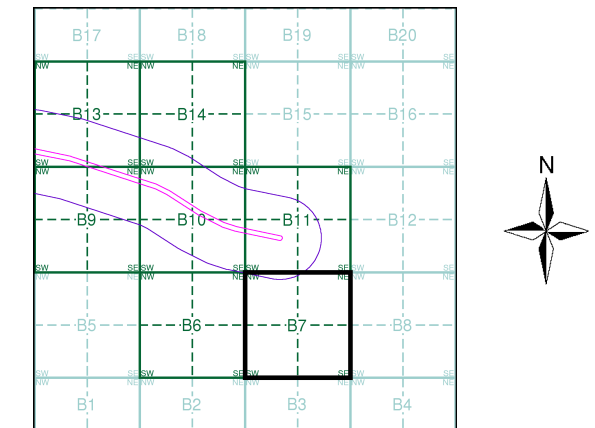
Large-Scale National Grid Data 1:2,500 and 1:1,250

Cliff **Slopes** **Top**
Rock **Rock (scattered)**
Boulders **Boulders (scattered)**
Positioned Boulder **Scree**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Triangulation Station** **Antiquity (site of)**
Electricity Transmission Line **Electricity Pylon**
Bench Mark **Buildings with Building Seed**
Roofed Building **Glazed Roof Building**
Civil parish/community boundary
District boundary
County boundary
Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)
Bks Barracks **P** Pillar, Pole or Post
Bty Battery **PO** Post Office
Cemy Cemetery **PC** Public Convenience
Chy Chimney **Pp** Pump
Cis Cistern **Ppg Sta** Pumping Station
Dismtd Rly Dismantled Railway **PW** Place of Worship
EI Gen Sta Electricity Generating Station **Sewage Ppg Sta** Sewage Pumping Station
EI P Electricity Pole, Pillar **SB, S Br** Signal Box or Bridge
EI Sub Sta Electricity Sub Station **SP, SL** Signal Post or Light
FB Filter Bed **Spr** Spring
Fn / D Fn Fountain / Drinking Ftn. **Tk** Tank or Track
Gas Gov Gas Valve Compound **Tr** Trough
GVC Gas Governor **Wd Pp** Wind Pump
GP Guide Post **Wr Pt, Wr T** Water Point, Water Tap
MH Manhole **Wks** Works (building or area)
MP, MS Mile Post or Mile Stone **W** Well

Grontmij
 Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Somerset	1:2,500	1887	2
Somerset	1:2,500	1903	3
Ordnance Survey Plan	1:2,500	1975	4
Additional SIMs	1:2,500	1981 - 1990	5
Large-Scale National Grid Data	1:2,500	1995	6
Large-Scale National Grid Data	1:2,500	1996	7

Historical Map - Segment B7



Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset

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

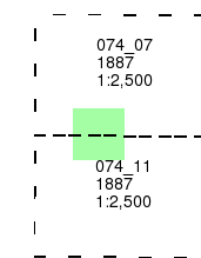
Somerset

Published 1887

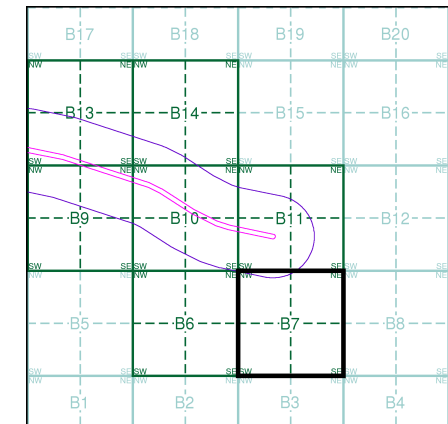
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment B7

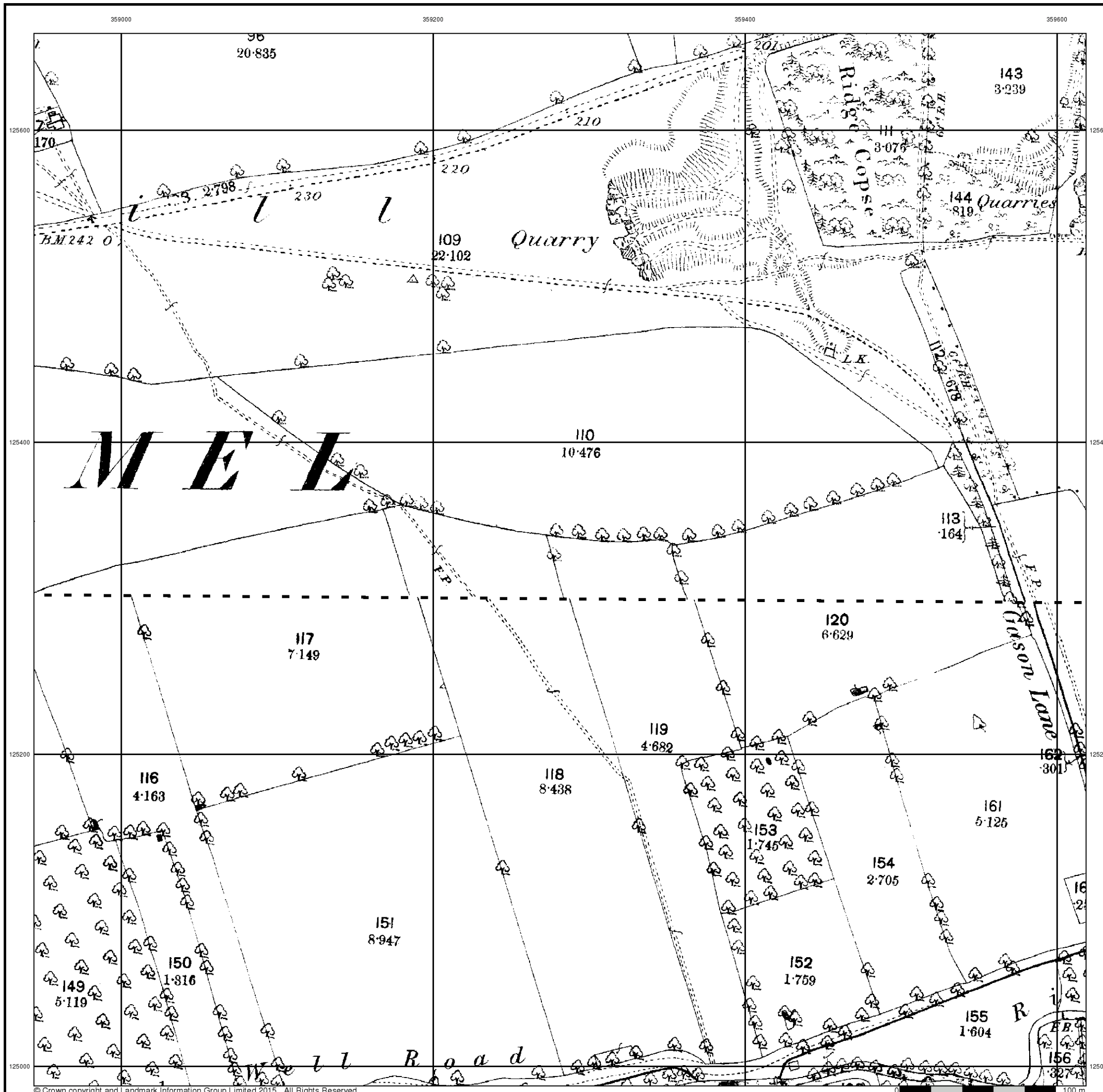


Order Details

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 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset



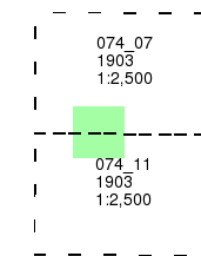
Somerset

Published 1903

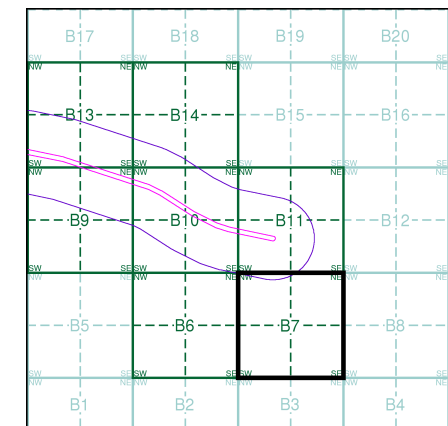
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment B7

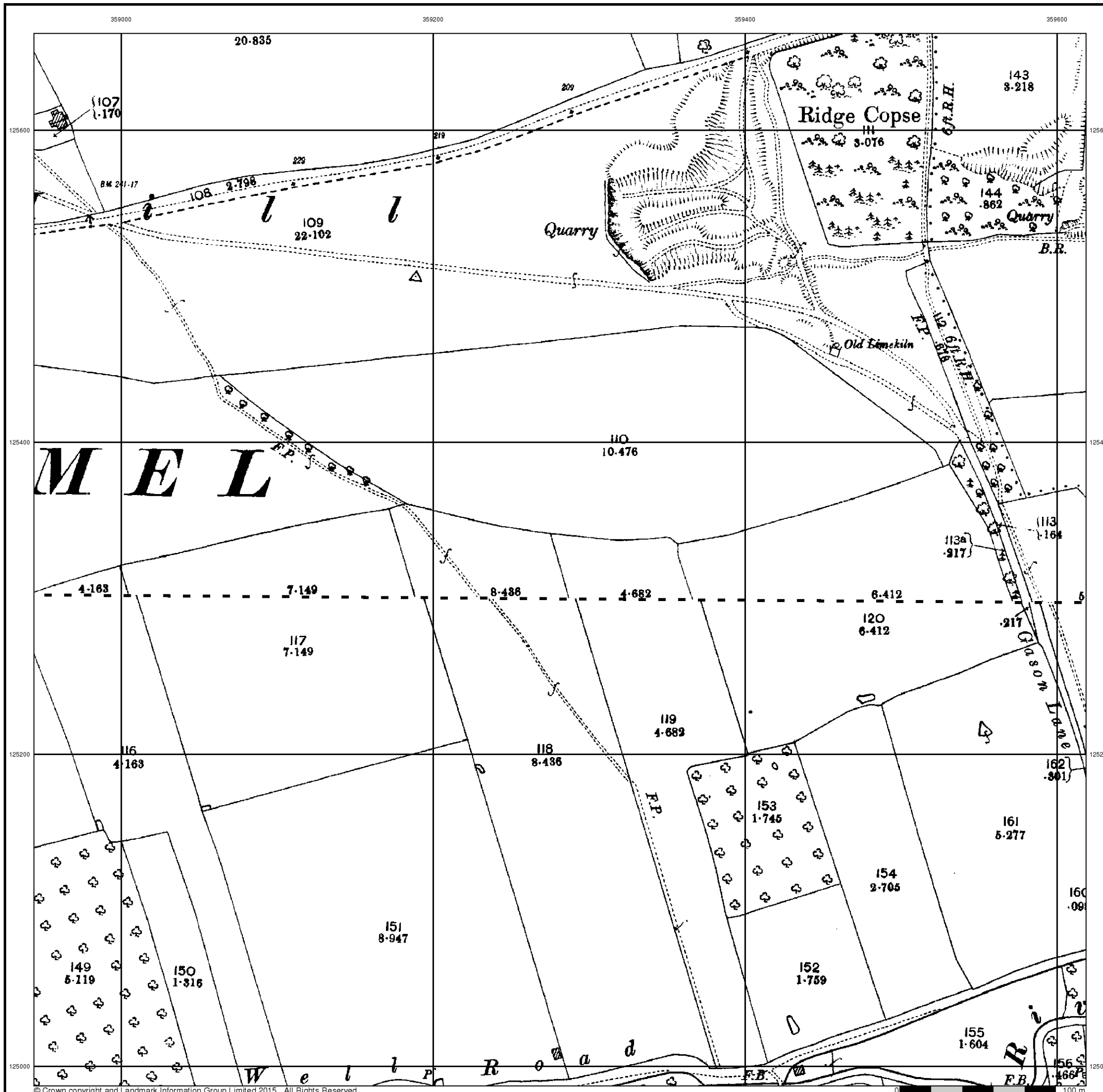


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 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset



Ordnance Survey Plan

Published 1975

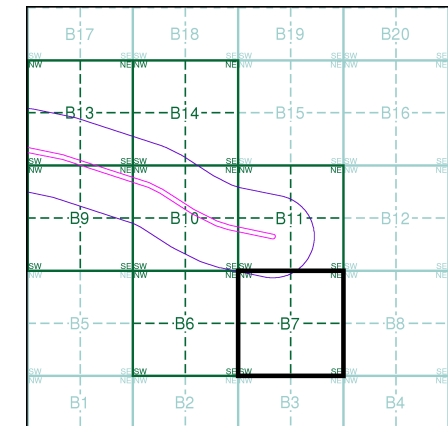
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

ST5825 1975 12,500	ST5925 1975 12,500
ST5824 1975 12,500	ST5924 1975 12,500

Historical Map - Segment B7

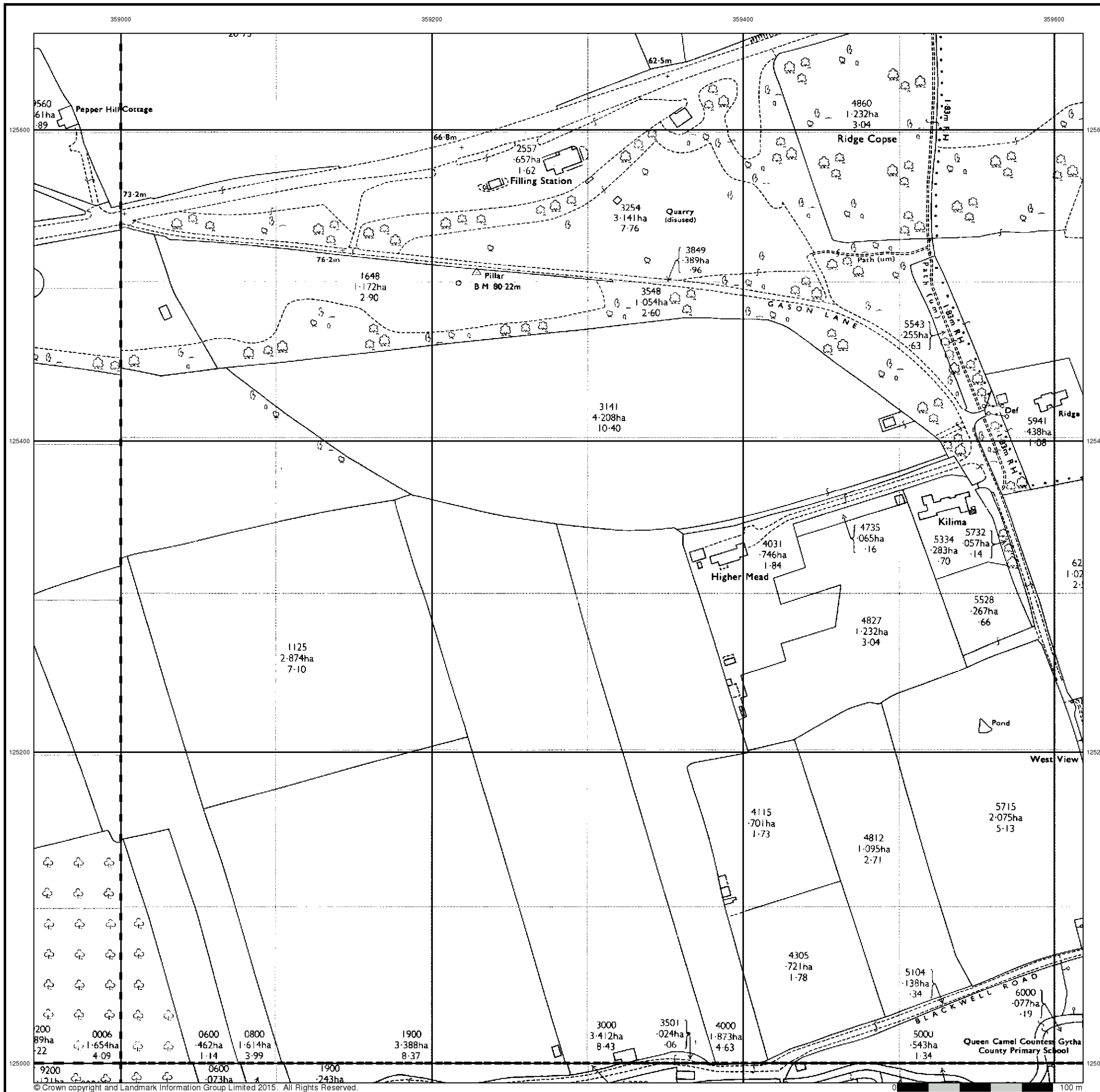


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset



Additional SIMs

Published 1981 - 1990

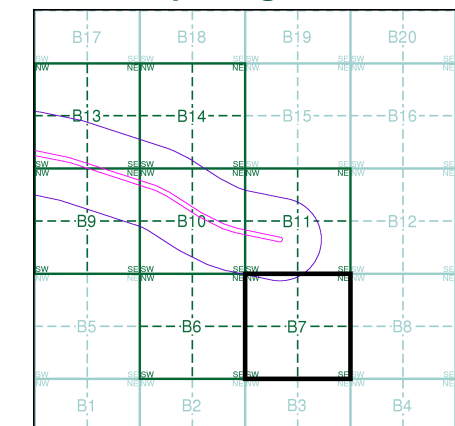
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

ST5925	1990	1:2,500
ST5924	1981	1:2,500

Historical Map - Segment B7

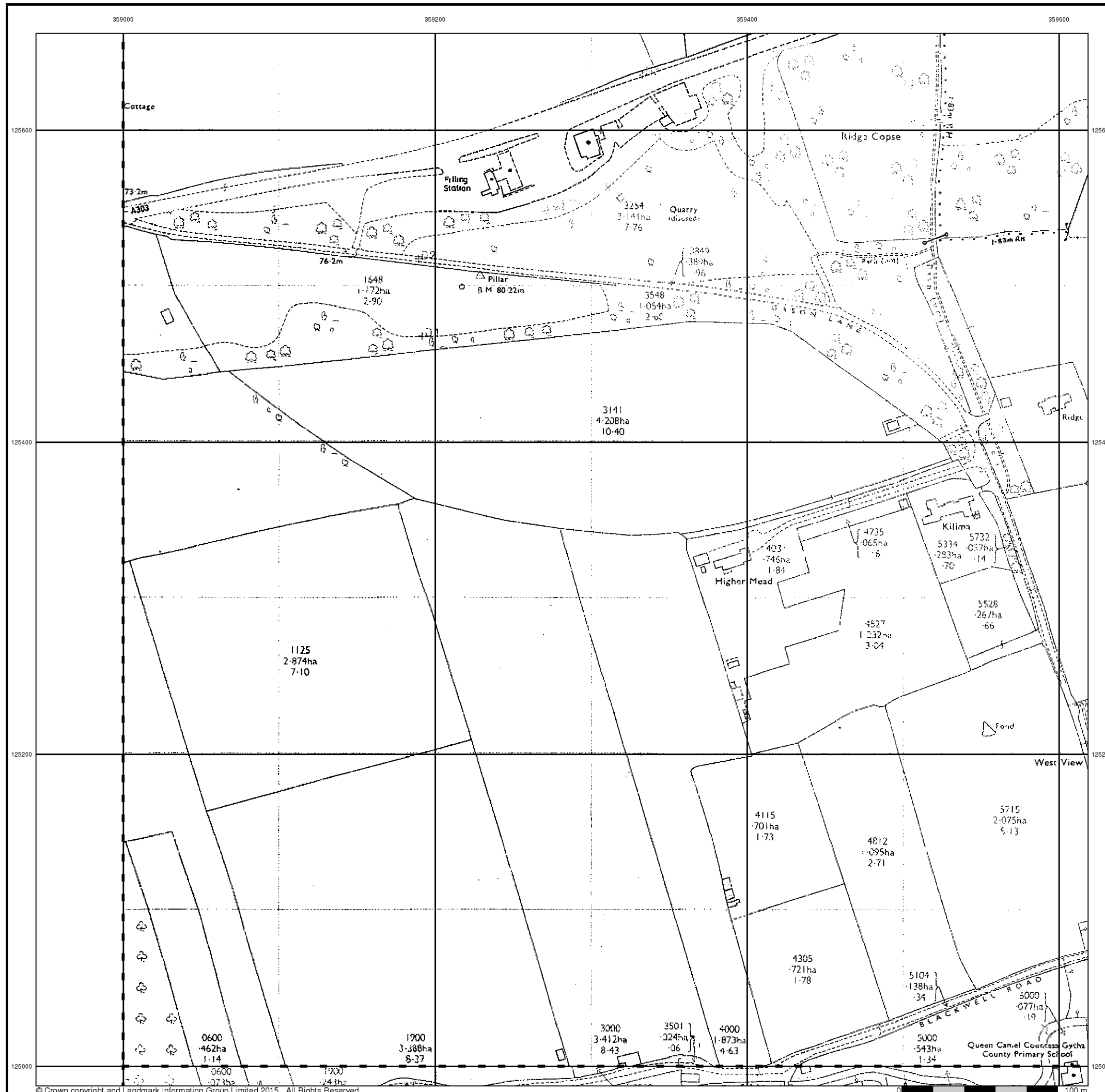


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 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset



Large-Scale National Grid Data

Published 1995

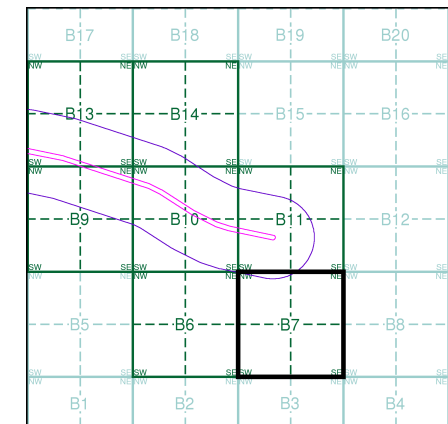
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

ST5825 1995 1:2,500	ST5925 1995 1:2,500
ST5824 1995 1:2,500	ST5924 1995 1:2,500

Historical Map - Segment B7



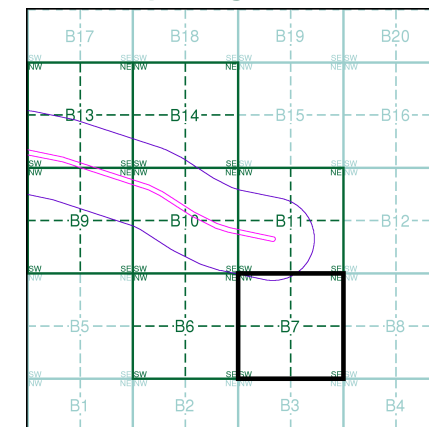
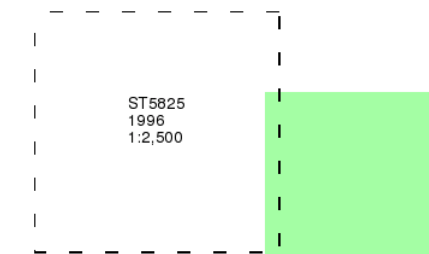
Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset



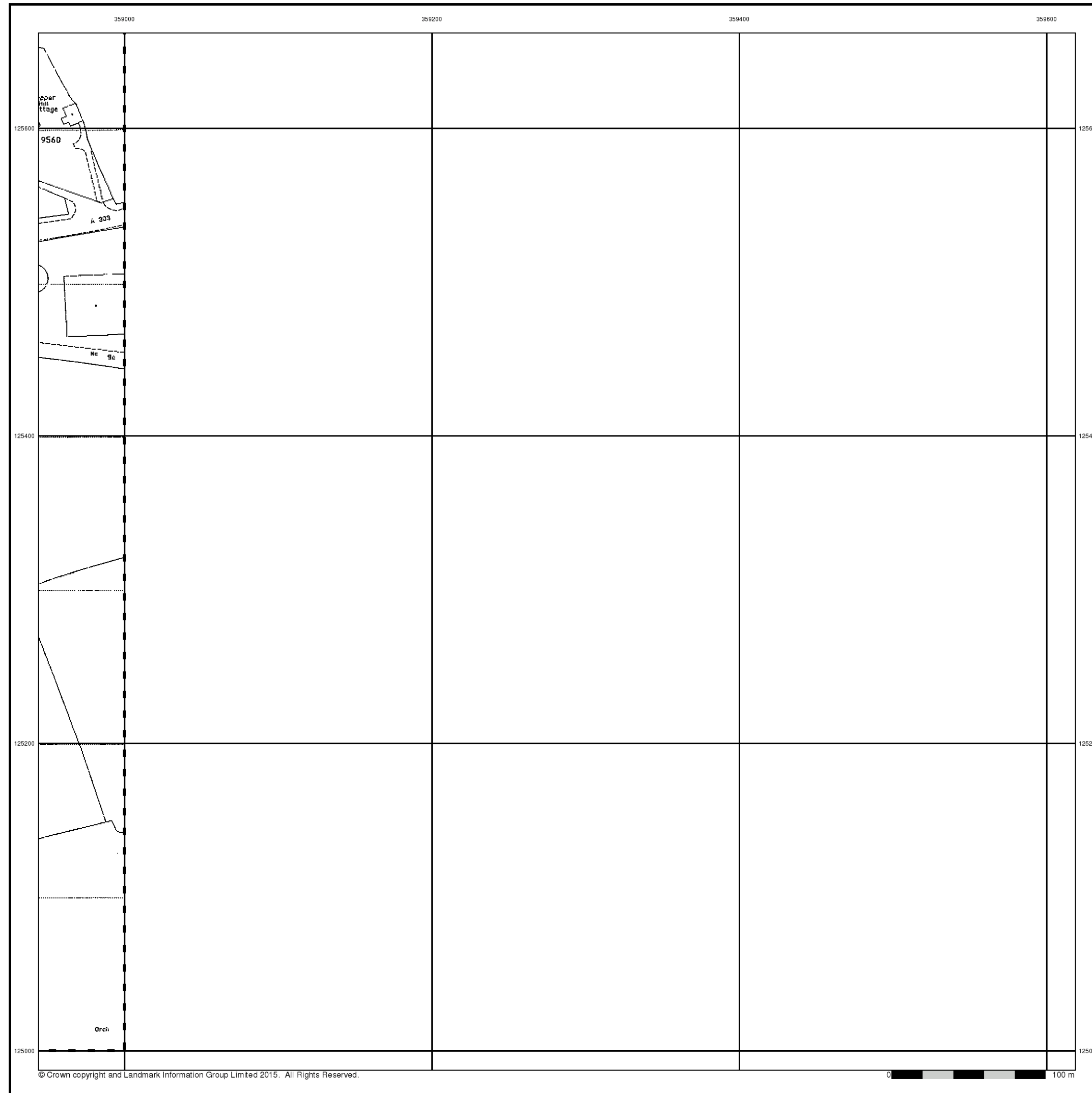


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset



Historical Mapping Legends

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

Quarry **Gravel Pit** **Sand Pit**
Clay Pit **Shingle** **Refuse Heap**
Sloping Masonry **Flat Rock**
Marsh **Reeds** **Osiers**
Rough Pasture **Furze** **Wood**
Mixed Wood **Brushwood** **Orchard**
Fir **Ford** **Stepping Stones**
Ferry **Waterfall** **Lock**
Trig. Station **Altitude at Trig. Station**
B.M. 325.9 **Bench Mark** **Surface Level**
Arrow denotes flow of water **Antiquities (site of)**
Cutting **Embankment**
Railway crossing Road **Level Crossing** **Road crossing Railway**
Railway crossing River or Canal **Road over single stream** **Road over River or Canal**
County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
County Borough Boundary (England)
County Burgh Boundary (Scotland)
Co. Boro. Bdy.
Co. Burgh Bdy.
BP BS Boundary Post or Stone **P.C.B** Police Call Box
B.R. Bridle Road **P** Pump
E.P Electricity Pylon **S.P** Signal Post
F.B. Foot Bridge **SL** Sluice
F.P. Foot Path **Sp.** Spring
G.P Guide Post or Board **T.C.B** Telephone Call Box
M.S Mile Stone **Tr.** Trough
M.P M.R Mooring Post or Ring **W** Well

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

Inactive Quarry, Chalk Pit or Clay Pit **Active Quarry, Chalk Pit or Clay Pit**
Rock **Boulders**
Cliff **Slopes** **Top**
Roofed Building **Glazed Roof Building**
Sloping Masonry **Archway**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Bench Mark** **Antiquity (site of)**
Cave Entrance **Triangulation Station** **Electricity Pylon**
Electricity Transmission Line
County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
London Borough Boundary
Symbol marking point where boundary mereing changes
BH Beer House **P** Pillar, Pole or Post
BP, BS Boundary Post or Stone **PO** Post Office
Cn, C Capstan, Crane **PC** Public Convenience
Chy Chimney **PH** Public House
D Fn Drinking Fountain **Pp** Pump
EI P Electricity Pillar or Post **SB, S Br** Signal Box or Bridge
FAP Fire Alarm Pillar **SP, SL** Signal Post or Light
FB Foot Bridge **Spr** Spring
GP Guide Post **Tk** Tank or Track
H Hydrant or Hydraulic **TCB** Telephone Call Box
LC Level Crossing **TCP** Telephone Call Post
MH Manhole **Tr** Trough
MP Mile Post or Mooring Post **Wr Pt, Wr T** Water Point, Water Tap
MS Mile Stone **W** Well
NTL Normal Tidal Limit **Wd Pp** Wind Pump

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

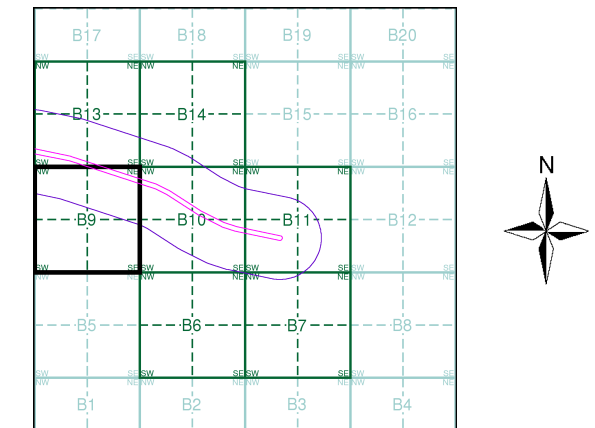
Cliff **Slopes** **Top**
Rock **Rock (scattered)**
Boulders **Boulders (scattered)**
Positioned Boulder **Scree**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Triangulation Station** **Antiquity (site of)**
Electricity Transmission Line **Electricity Pylon**
Bench Mark **Buildings with Building Seed**
Roofed Building **Glazed Roof Building**
Civil parish/community boundary
District boundary
County boundary
Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)
Bks Barracks **P** Pillar, Pole or Post
Bty Battery **PO** Post Office
Cemy Cemetery **PC** Public Convenience
Chy Chimney **Pp** Pump
Cis Cistern **Ppg Sta** Pumping Station
Dismtd Rly Dismantled Railway **PW** Place of Worship
EI Gen Sta Electricity Generating Station **Sewage Ppg Sta** Sewage Pumping Station
EI P Electricity Pole, Pillar **SB, S Br** Signal Box or Bridge
EI Sub Sta Electricity Sub Station **SP, SL** Signal Post or Light
FB Filter Bed **Spr** Spring
Fn / D Fn Fountain / Drinking Ftn. **Tk** Tank or Track
Gas Gov Gas Valve Compound **Tr** Trough
GVC Gas Governor **Wd Pp** Wind Pump
GP Guide Post **Wr Pt, Wr T** Water Point, Water Tap
MH Manhole **Wks** Works (building or area)
MP, MS Mile Post or Mile Stone **W** Well

Grontmij

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Somerset	1:2,500	1887	2
Somerset	1:2,500	1903	3
Ordnance Survey Plan	1:2,500	1975	4
Large-Scale National Grid Data	1:2,500	1995	5
Large-Scale National Grid Data	1:2,500	1996	6

Historical Map - Segment B9



Order Details

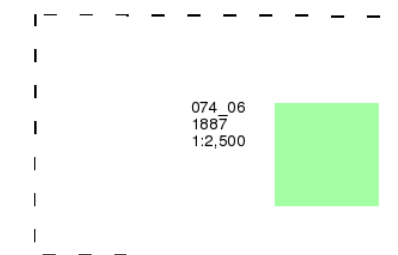
Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

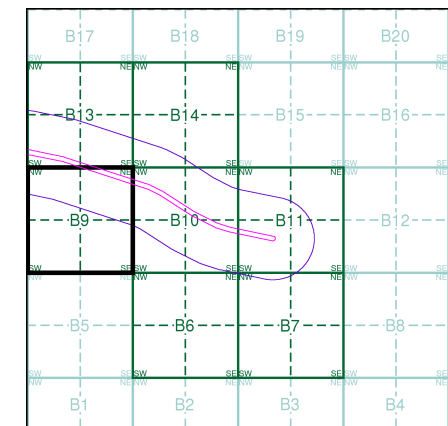
Site at, Sparkford, Somerset

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

Map Name(s) and Date(s)



Historical Map - Segment B9

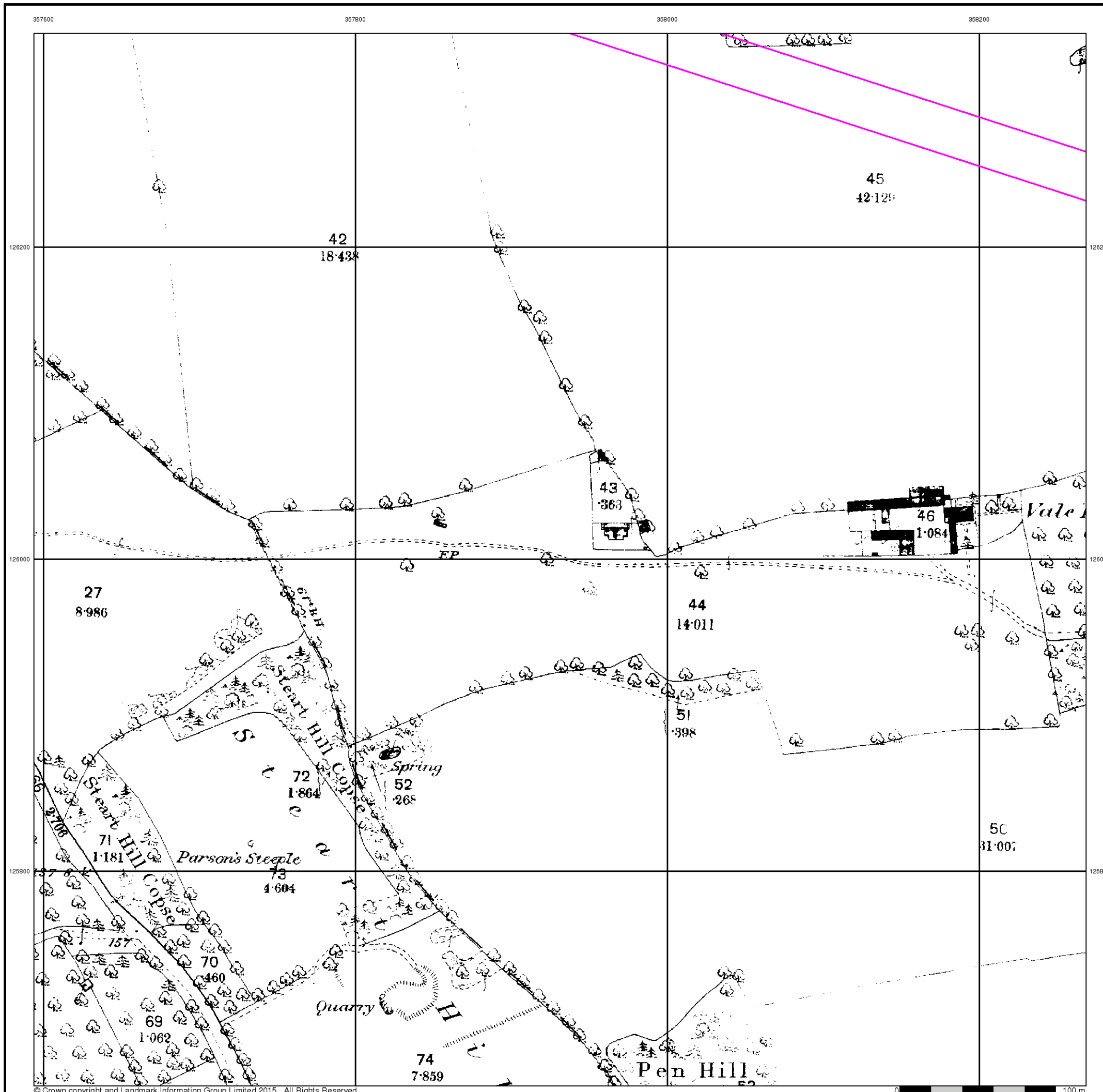


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset



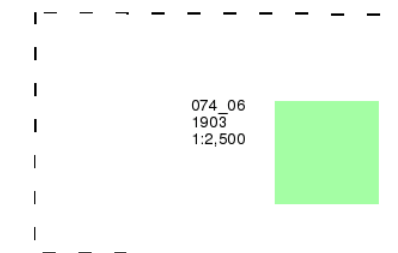
Somerset

Published 1903

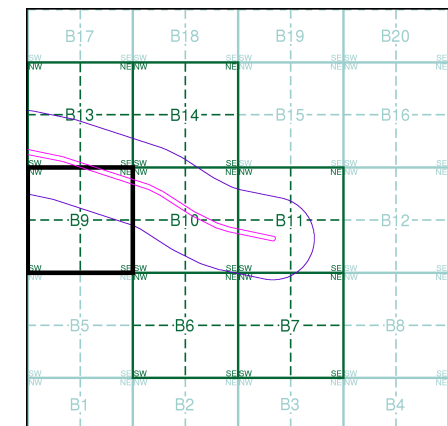
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment B9

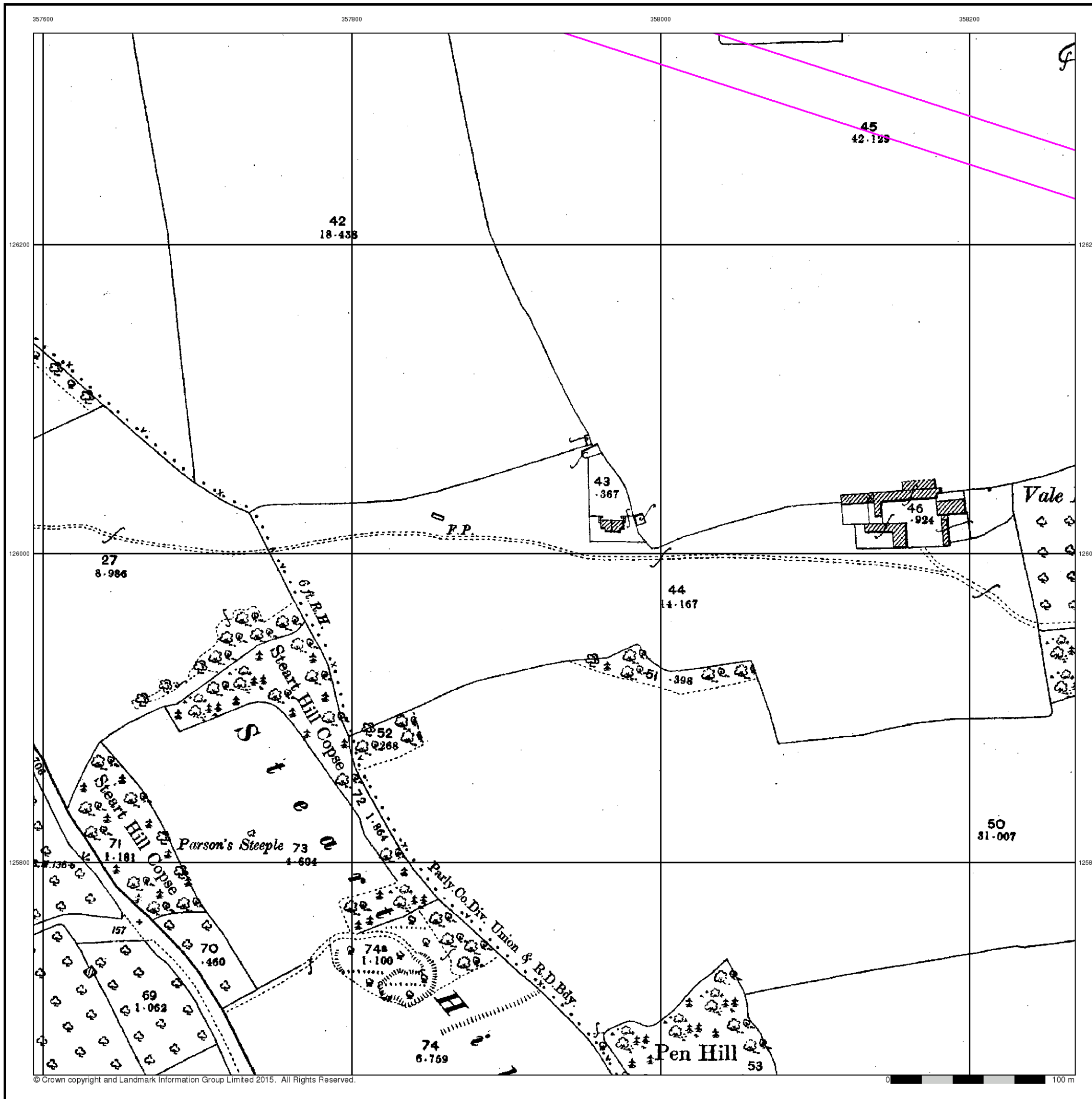


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset



Ordnance Survey Plan

Published 1975

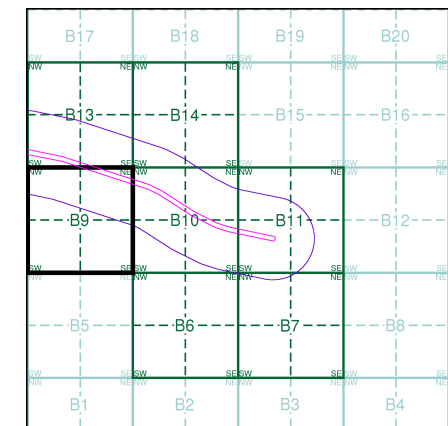
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

ST5726 1975 12,500	ST5826 1975 12,500
ST5725 1975 12,500	ST5825 1975 12,500

Historical Map - Segment B9

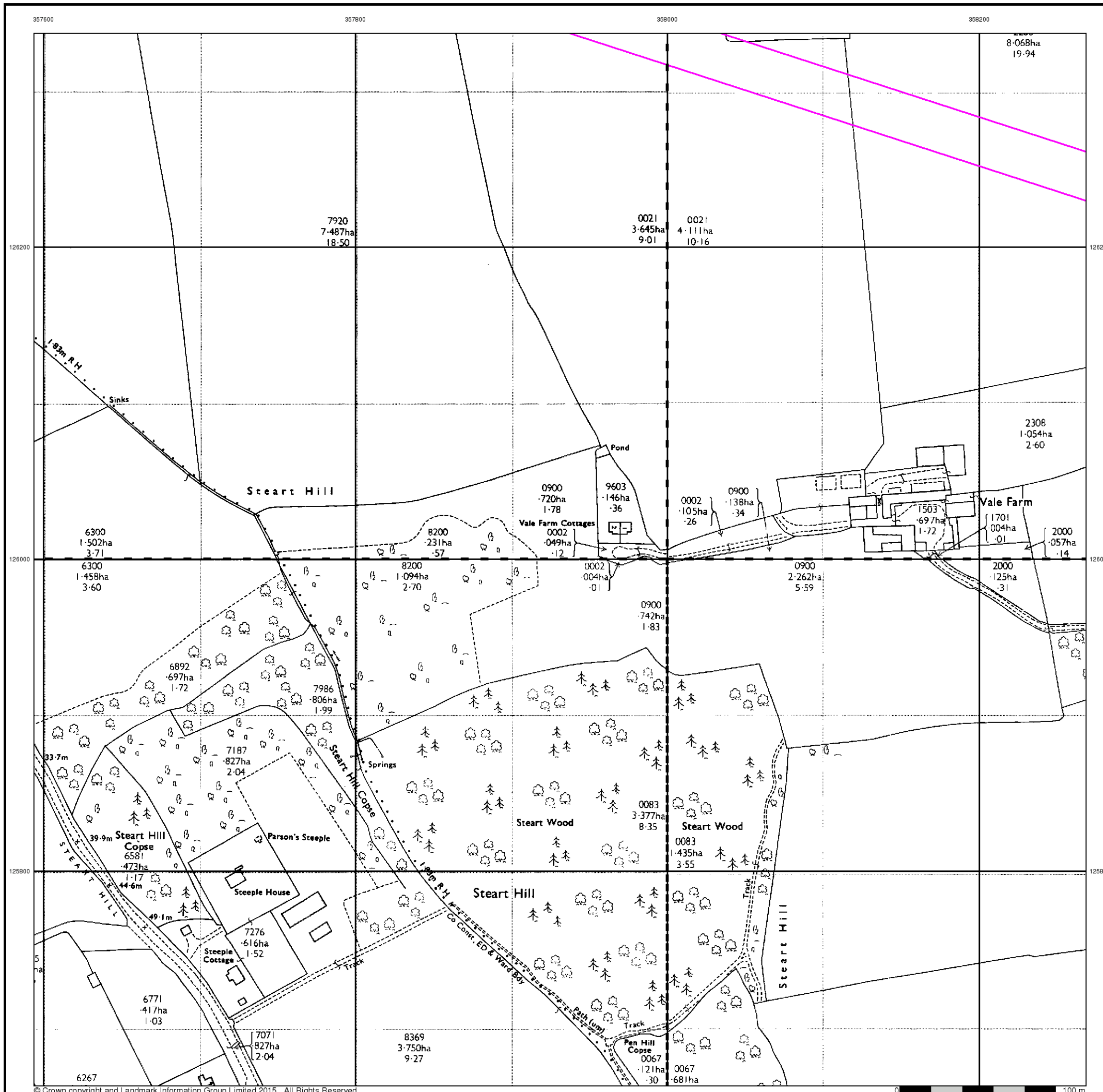


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset

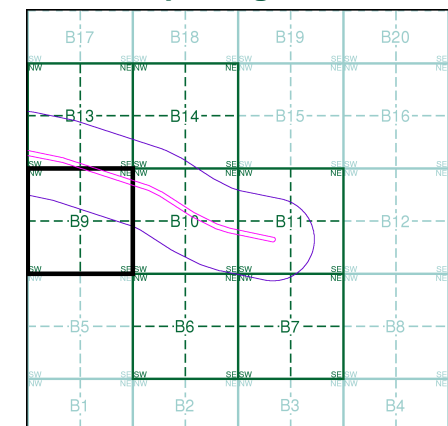


'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic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

Map Name(s) and Date(s)

ST5726	ST5826
1995	1995
12,500	12,500
ST5725	ST5825
1995	1995
12,500	12,500

Historical Map - Segment B9

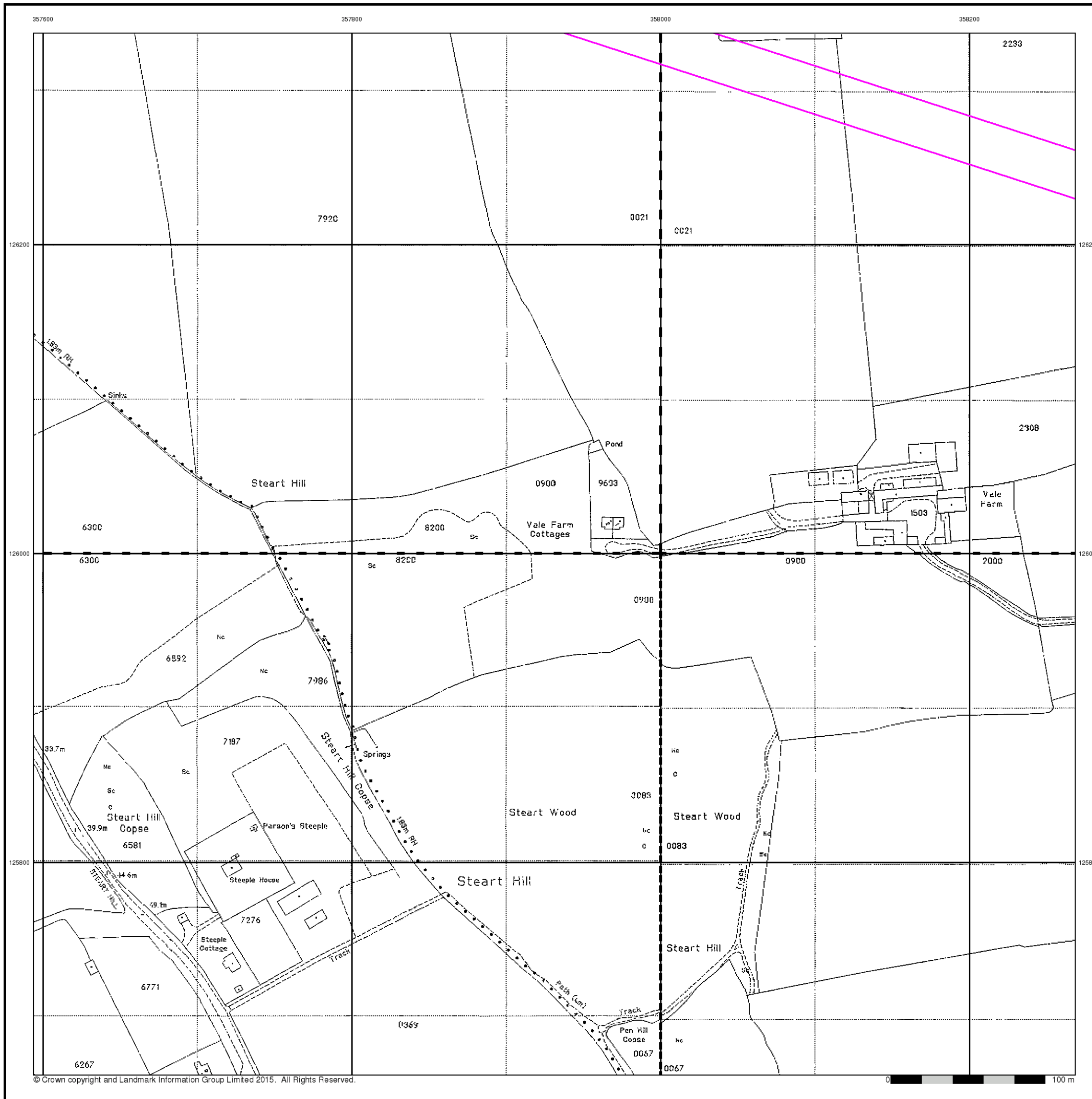


Order Details

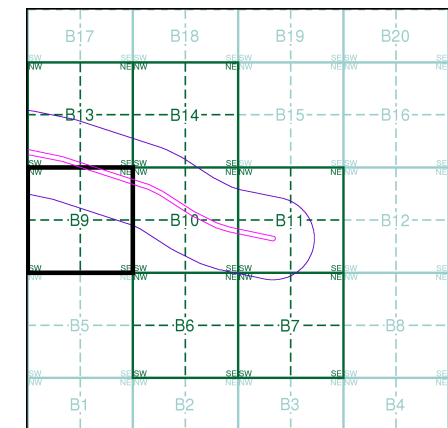
Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset



ST5726	1996	12,500
ST5725	1996	12,500
ST5825	1996	12,500

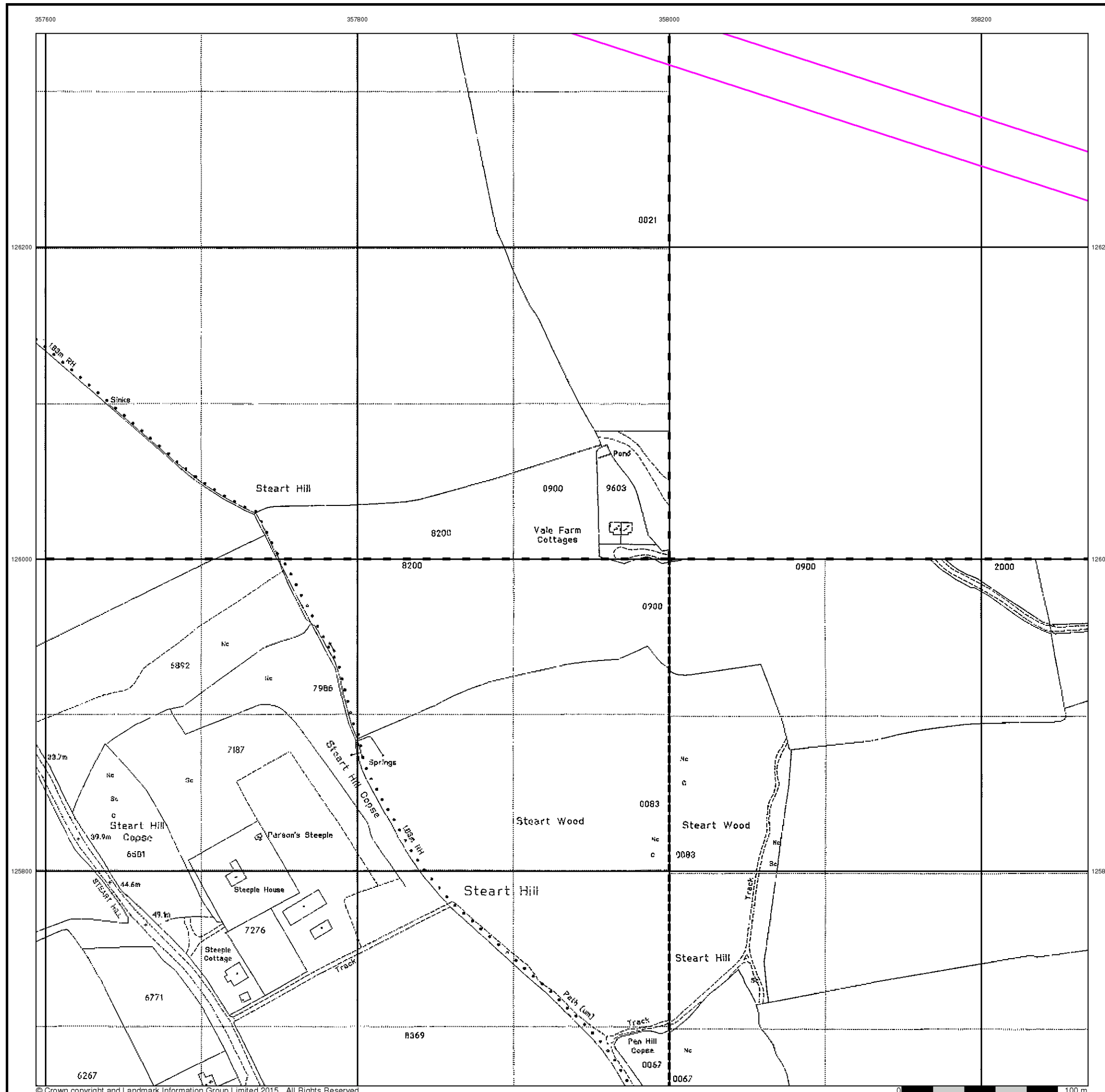


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset



Index Map

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

Slice

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

Segment

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

Quadrant

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

A selection of organisations who provide data within this report:



Envirocheck reports are compiled from 136 different sources of data.

Client Details

Ms L Cottrell, Grontmij, Grove House, Mansion Gate Drive, Leeds, LS7 4DN

Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 357540, 126120
 Site Area (Ha): 10.71
 Search Buffer (m): 500

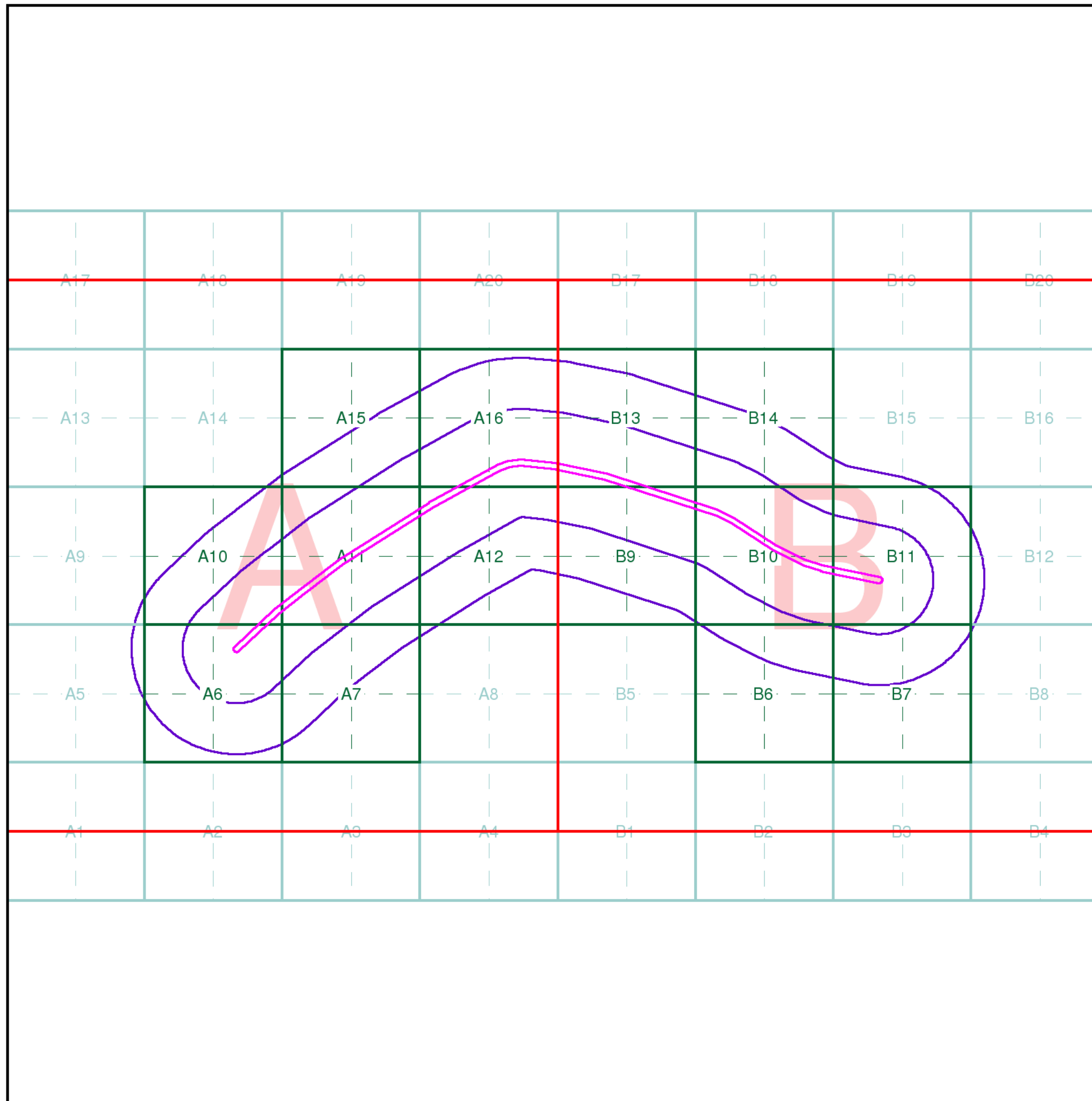
Site Details

Site at, Sparkford, Somerset

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



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



Historical Mapping Legends

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

Quarry **Gravel Pit** **Sand Pit**
Clay Pit **Shingle** **Refuse Heap**
Sloping Masonry **Flat Rock**
Marsh **Reeds** **Osiers**
Rough Pasture **Furze** **Wood**
Mixed Wood **Brushwood** **Orchard**
Fir **Ford** **Stepping Stones**
Ferry **Waterfall** **Lock**
Trig. Station **Altitude at Trig. Station**
B.M. 325.9 **Bench Mark** **Surface Level**
Arrow denotes flow of water **Antiquities (site of)**
Cutting **Embankment**
Railway crossing Road **Level Crossing** **Road crossing Railway**
Railway crossing River or Canal **Road over single stream** **Road over River or Canal**
County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
County Borough Boundary (England)
County Burgh Boundary (Scotland)
Co. Boro. Bdy.
Co. Burgh Bdy.
BP BS Boundary Post or Stone **P.C.B** Police Call Box
B.R. Bridle Road **P** Pump
E.P Electricity Pylon **S.P** Signal Post
F.B. Foot Bridge **SL** Sluice
F.P. Foot Path **Sp.** Spring
G.P Guide Post or Board **T.C.B** Telephone Call Box
M.S Mile Stone **Tr.** Trough
M.P M.R Mooring Post or Ring **W** Well

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

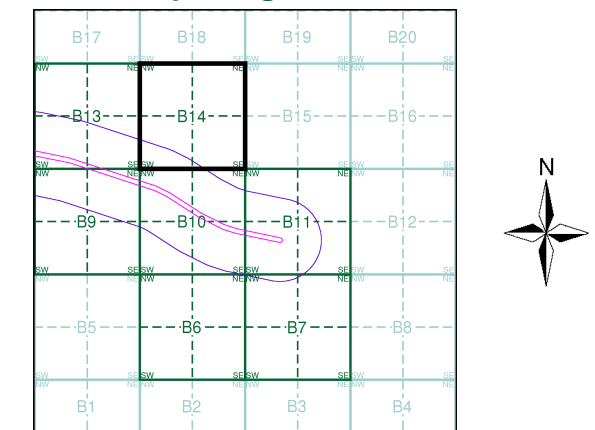
Inactive Quarry, Chalk Pit or Clay Pit **Active Quarry, Chalk Pit or Clay Pit**
Rock **Boulders**
Cliff **Slopes** **Top**
Roofed Building **Glazed Roof Building**
Sloping Masonry **Archway**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Bench Mark** **Antiquity (site of)**
Cave Entrance **Triangulation Station** **Electricity Pylon**
Electricity Transmission Line
County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
London Borough Boundary
Symbol marking point where boundary mereing changes
BH Beer House **P** Pillar, Pole or Post
BP, BS Boundary Post or Stone **PO** Post Office
Cn, C Capstan, Crane **PC** Public Convenience
Chy Chimney **PH** Public House
D Fn Drinking Fountain **Pp** Pump
EI P Electricity Pillar or Post **SB, S Br** Signal Box or Bridge
FAP Fire Alarm Pillar **SP, SL** Signal Post or Light
FB Foot Bridge **Spr** Spring
GP Guide Post **Tk** Tank or Track
H Hydrant or Hydraulic **TCB** Telephone Call Box
LC Level Crossing **TCP** Telephone Call Post
MH Manhole **Tr** Trough
MP Mile Post or Mooring Post **Wr Pt, Wr T** Water Point, Water Tap
MS Mile Stone **W** Well
NTL Normal Tidal Limit **Wd Pp** Wind Pump

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

Cliff **Slopes** **Top**
Rock **Rock (scattered)**
Boulders **Boulders (scattered)**
Positioned Boulder **Scree**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Triangulation Station** **Antiquity (site of)**
Electricity Transmission Line **Electricity Pylon**
B.M. 231.60m Bench Mark **Buildings with Building Seed**
Roofed Building **Glazed Roof Building**
Civil parish/community boundary
District boundary
County boundary
Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)
Bks Barracks **P** Pillar, Pole or Post
Bty Battery **PO** Post Office
Cemy Cemetery **PC** Public Convenience
Chy Chimney **Pp** Pump
Cis Cistern **Ppg Sta** Pumping Station
Dismtd Rly Dismantled Railway **PW** Place of Worship
EI Gen Sta Electricity Generating Station **Sewage Ppg Sta** Sewage Pumping Station
EI P Electricity Pole, Pillar **SB, S Br** Signal Box or Bridge
EI Sub Sta Electricity Sub Station **SP, SL** Signal Post or Light
FB Filter Bed **Spr** Spring
Fn / D Fn Fountain / Drinking Ftn. **Tk** Tank or Track
Gas Gov Gas Valve Compound **Tr** Trough
GVC Gas Governor **Wd Pp** Wind Pump
GP Guide Post **Wr Pt, Wr T** Water Point, Water Tap
MH Manhole **Wks** Works (building or area)
MP, MS Mile Post or Mile Stone **W** Well

Mapping Type	Scale	Date	Pg
Somerset	1:2,500	1887	2
Somerset	1:2,500	1903	3
Ordnance Survey Plan	1:2,500	1975	4
Large-Scale National Grid Data	1:2,500	1995	5

Historical Map - Segment B14



Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset

Somerset

Published 1887

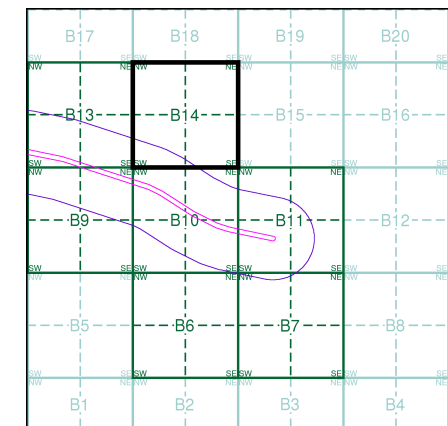
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

074_02 1887 1:2,500	074_03 1887 1:2,500
074_06 1887 1:2,500	074_07 1887 1:2,500

Historical Map - Segment B14

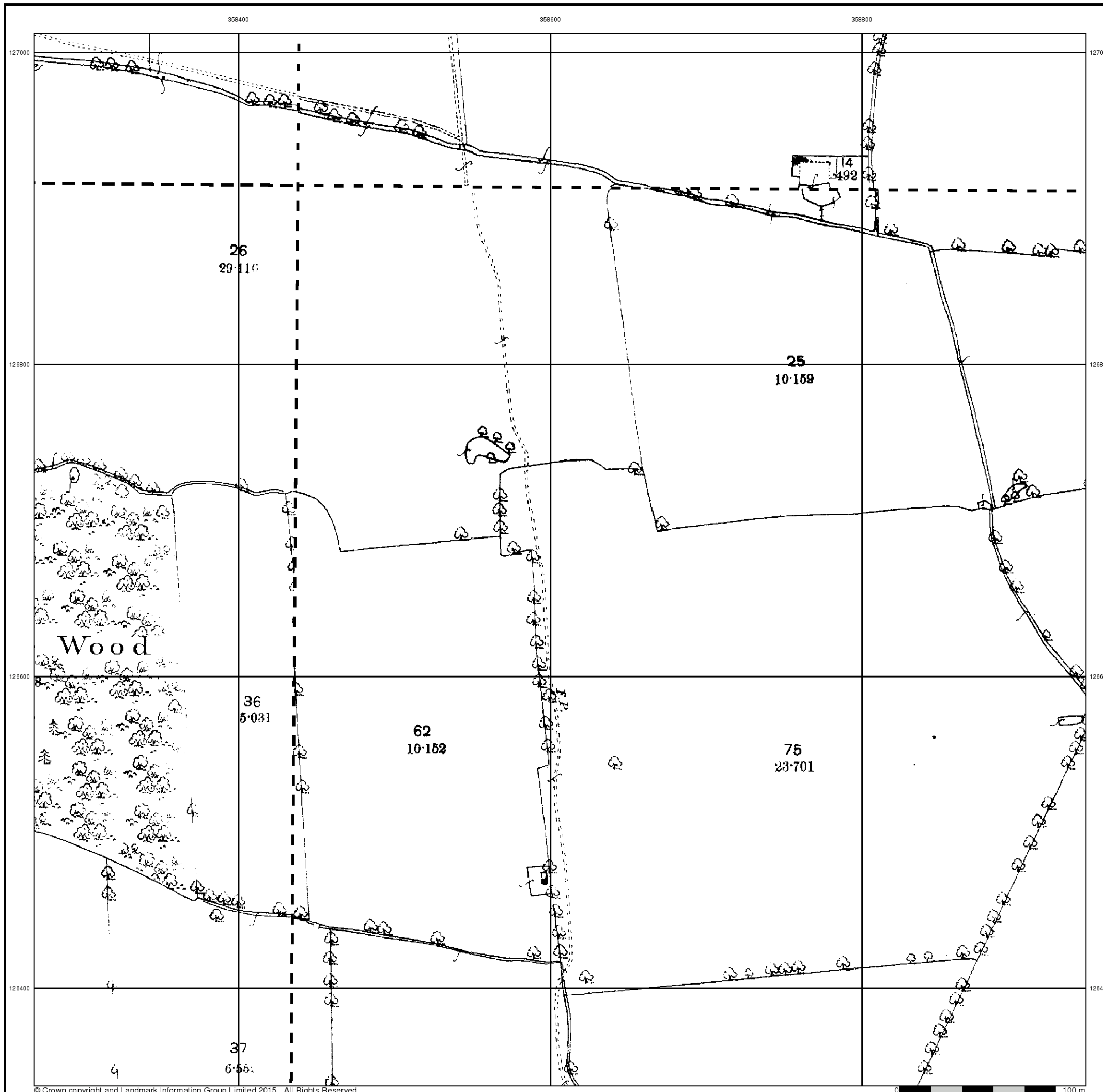


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset



Somerset

Published 1903

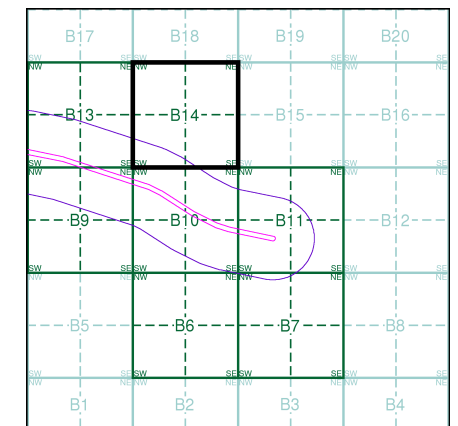
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

074_02 1903 1:2,500	074_03 1903 1:2,500
074_06 1903 1:2,500	074_07 1903 1:2,500

Historical Map - Segment B14

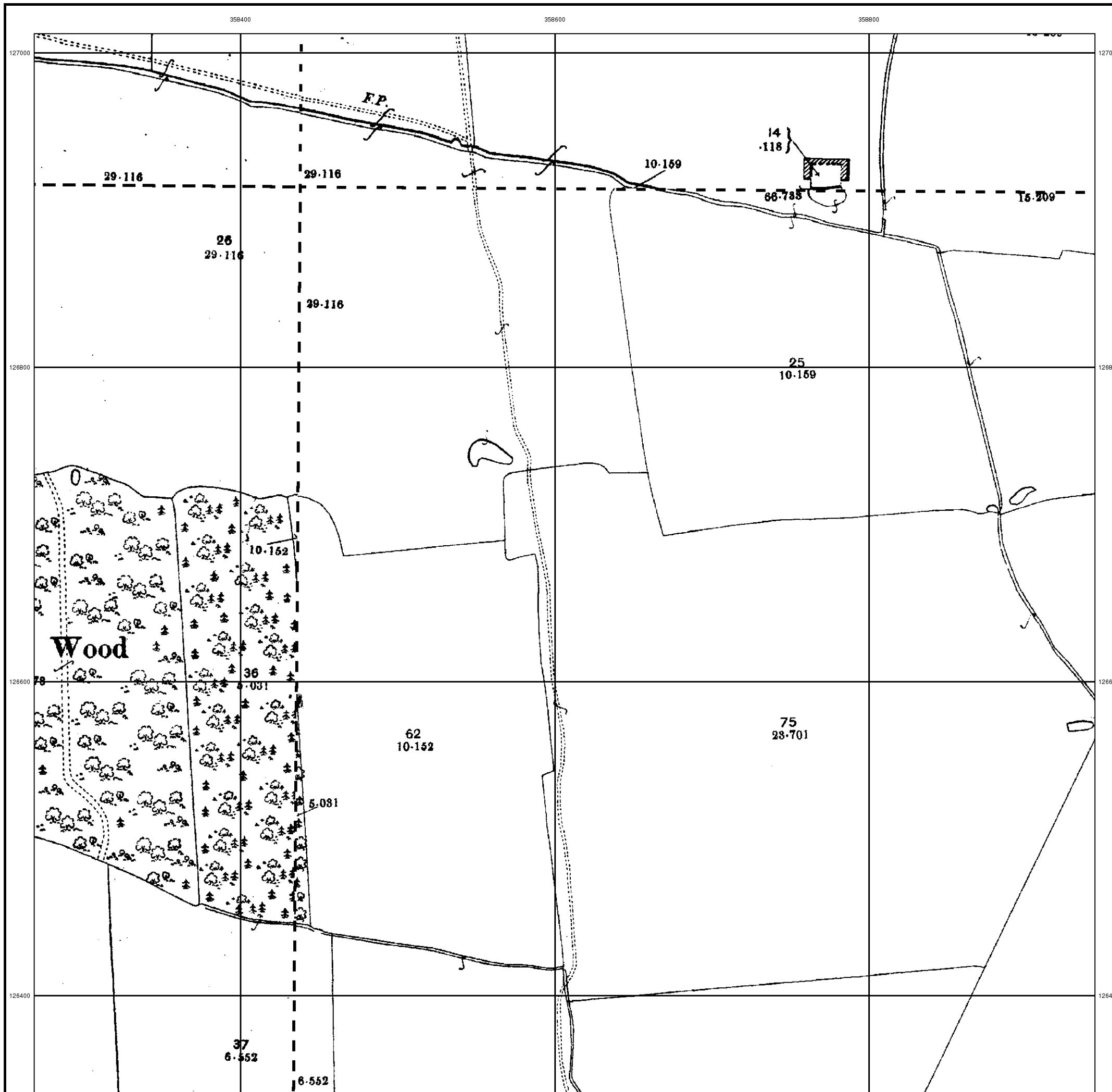


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset



Ordnance Survey Plan

Published 1975

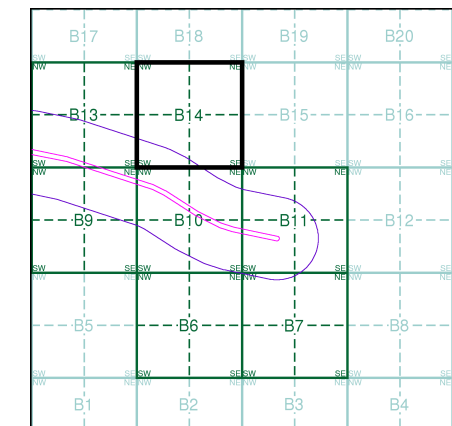
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

ST5827	1975	1:2,500
ST5826	1975	1:2,500

Historical Map - Segment B14

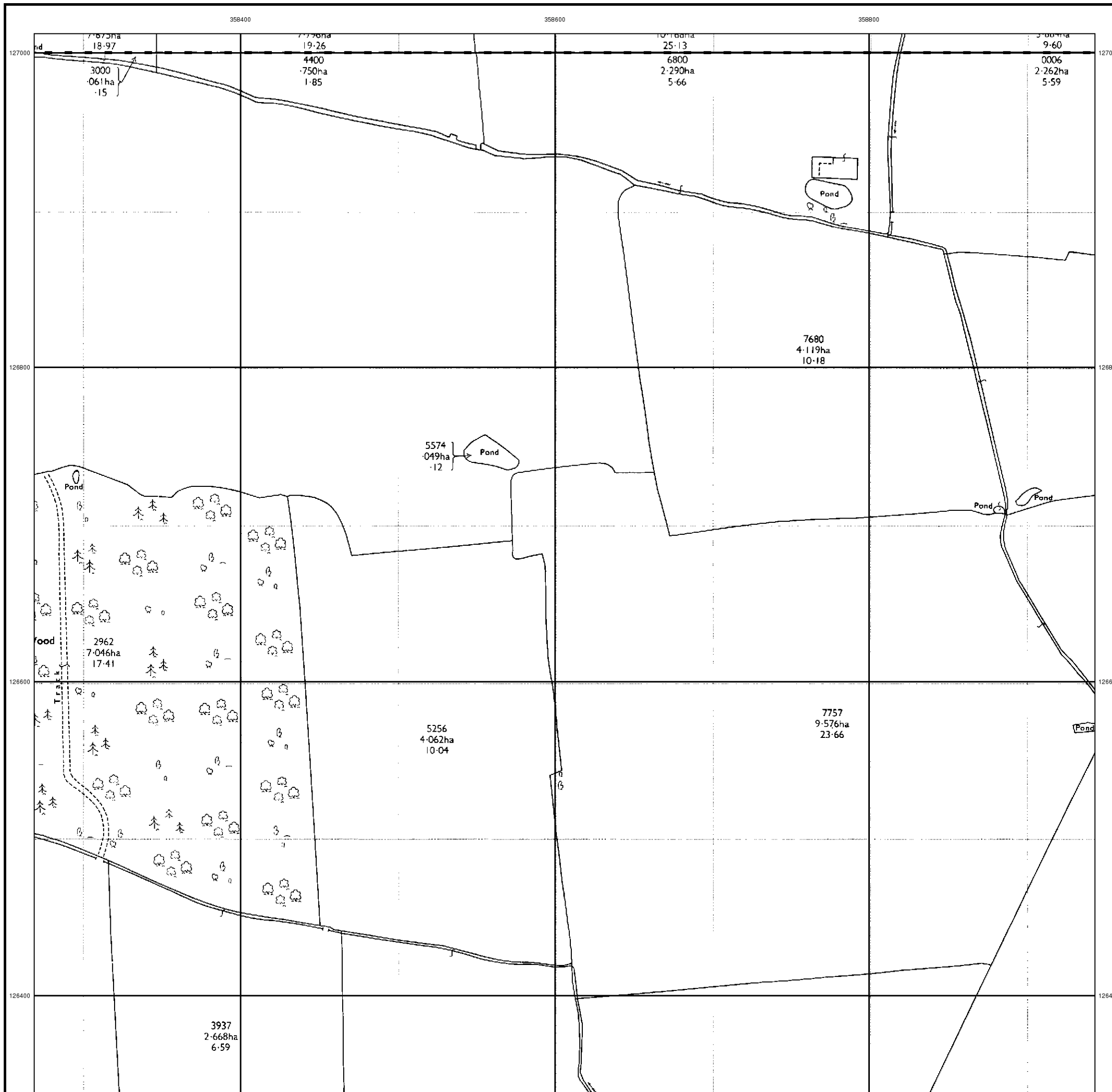


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset

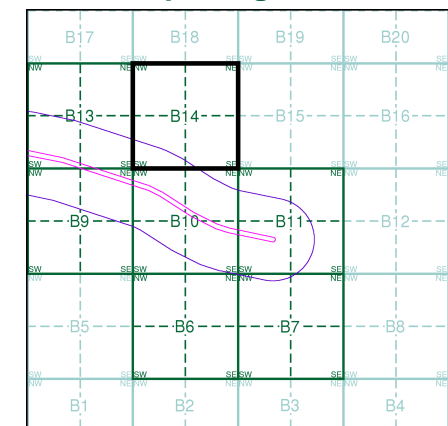


'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic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

Map Name(s) and Date(s)

ST5827	1995	1:2,500
ST5826	1995	1:2,500

Historical Map - Segment B14

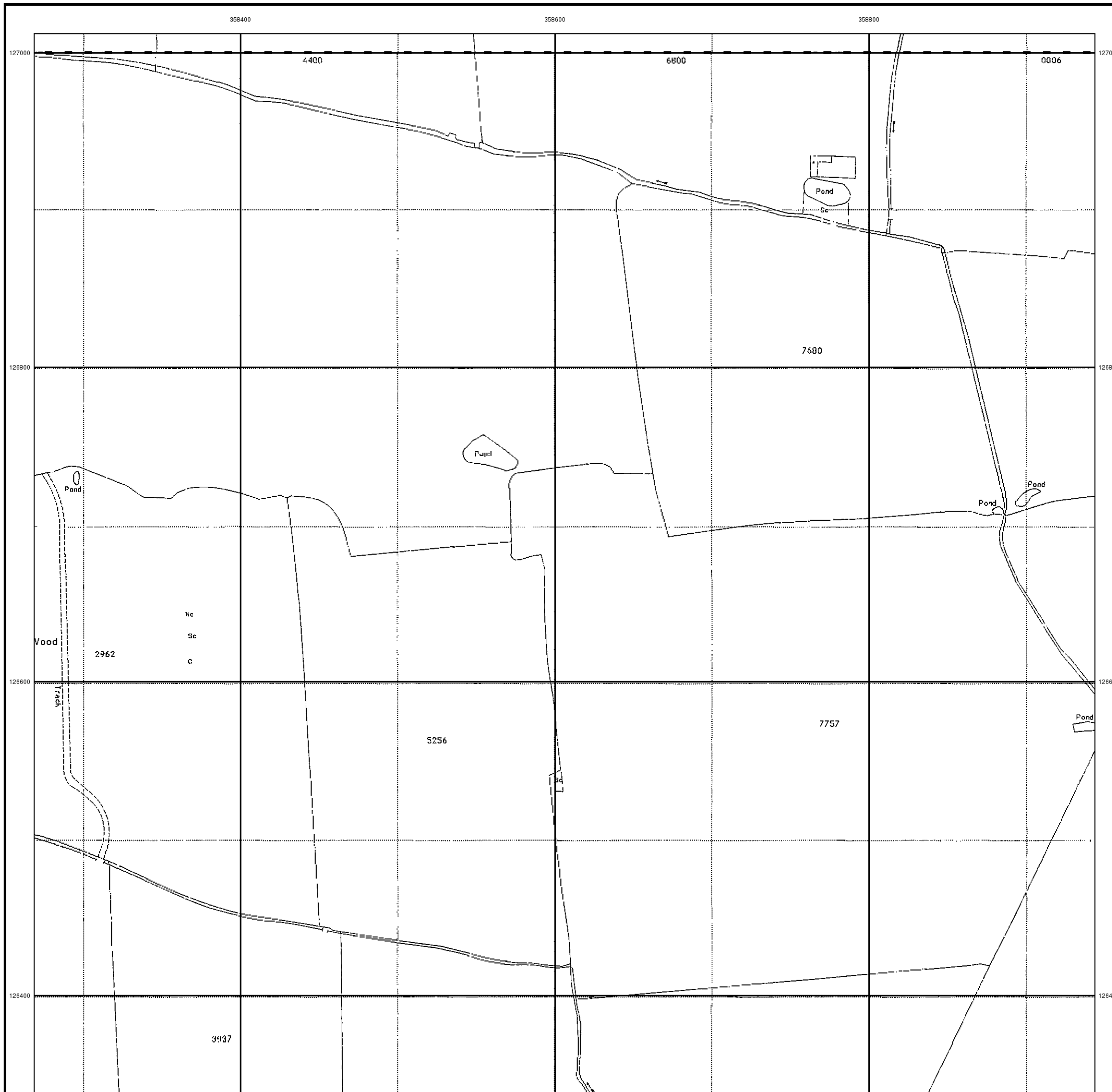


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset



Historical Mapping Legends

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

Quarry **Gravel Pit** **Sand Pit**
Clay Pit **Shingle** **Refuse Heap**
Sloping Masonry **Flat Rock**
Marsh **Reeds** **Osiers**
Rough Pasture **Furze** **Wood**
Mixed Wood **Brushwood** **Orchard**
Fir **Ford** **Stepping Stones**
Ferry **Waterfall** **Lock**
Trig. Station **Altitude at Trig. Station**
B.M. 325.9 **Bench Mark** **Surface Level**
Arrow denotes flow of water **Antiquities (site of)**
Cutting **Embankment**
Railway crossing Road **Level Crossing** **Road crossing Railway**
Railway crossing River or Canal **Road over single stream** **Road over River or Canal**
County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
County Borough Boundary (England)
Co. Boro. Bdy.
County Burgh Boundary (Scotland)
Co. Burgh Bdy.
Boundary Post or Stone **Police Call Box**
B.R. **Bridle Road** **P** **Pump**
E.P. **Electricity Pylon** **S.P.** **Signal Post**
F.B. **Foot Bridge** **SL** **Sluice**
F.P. **Foot Path** **Sp.** **Spring**
G.P. **Guide Post or Board** **T.C.B.** **Telephone Call Box**
M.S. **Mile Stone** **Tr.** **Trough**
M.P. M.R. **Mooring Post or Ring** **W** **Well**

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

Inactive Quarry, Chalk Pit or Clay Pit **Active Quarry, Chalk Pit or Clay Pit**
Rock **Boulders**
Cliff **Slopes** **Top**
Roofed Building **Glazed Roof Building**
Sloping Masonry **Archway**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Bench Mark** **Antiquity (site of)**
Cave Entrance **Triangulation Station** **Electricity Pylon**
Electricity Transmission Line
County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
London Borough Boundary
Symbol marking point where boundary mereing changes
Beer House **Pillar, Pole or Post**
Boundary Post or Stone **Post Office**
Capstan, Crane **Public Convenience**
Chimney **Public House**
Drinking Fountain **Pump**
Electricity Pillar or Post **Signal Box or Bridge**
Fire Alarm Pillar **Signal Post or Light**
Foot Bridge **Spring**
Guide Post **Tank or Track**
Hydrant or Hydraulic **Telephone Call Box**
Level Crossing **Telephone Call Post**
Manhole **Trough**
Mile Post or Mooring Post **Water Point, Water Tap**
Mile Stone **Well**
Normal Tidal Limit **Wind Pump**

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

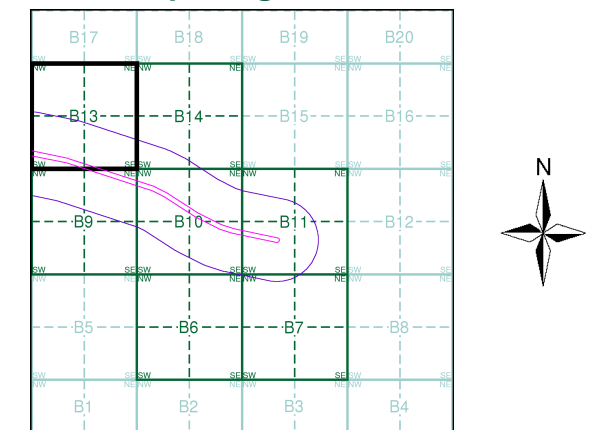
Cliff **Slopes** **Top**
Rock **Rock (scattered)**
Boulders **Boulders (scattered)**
Positioned Boulder **Scree**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Triangulation Station** **Antiquity (site of)**
Electricity Transmission Line **Electricity Pylon**
Bench Mark **Buildings with Building Seed**
Roofed Building **Glazed Roof Building**
Civil parish/community boundary
District boundary
County boundary
Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)
Barracks **Pillar, Pole or Post**
Battery **Post Office**
Cemetery **Public Convenience**
Chimney **Pump**
Cistern **Pumping Station**
Dismtd Rly **Place of Worship**
Electricity Generating Station **Sewage Ppg Sta Sewage Pumping Station**
Electricity Pole, Pillar **Signal Box or Bridge**
Electricity Sub Station **Signal Post or Light**
Filter Bed **Spring**
Fountain / Drinking Ftn. **Tank or Track**
Gas Valve Compound **Trough**
Gas Governer **Wind Pump**
Guide Post **Water Point, Water Tap**
Manhole **Works (building or area)**
Mile Post or Mile Stone **Well**

Grontmij

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Somerset	1:2,500	1887	2
Somerset	1:2,500	1903	3
Ordnance Survey Plan	1:2,500	1975 - 1977	4
Large-Scale National Grid Data	1:2,500	1995	5
Large-Scale National Grid Data	1:2,500	1996	6

Historical Map - Segment B13



Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset

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

Somerset

Published 1887

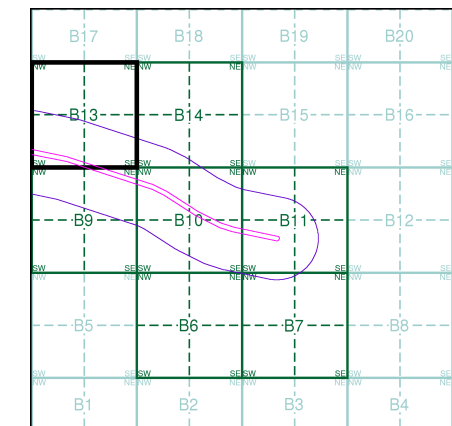
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

074_02	1887	1:2,500
074_06	1887	1:2,500

Historical Map - Segment B13

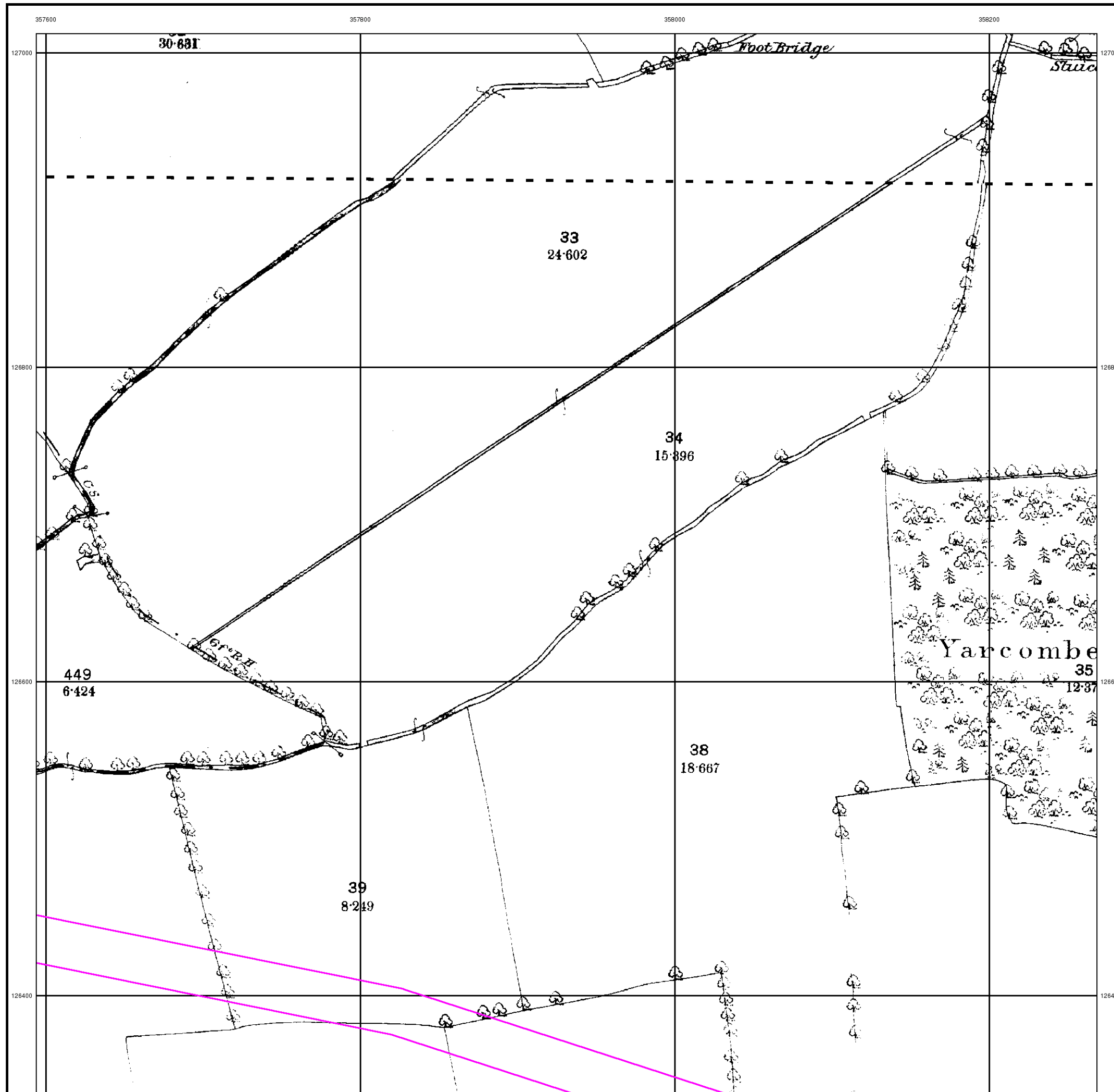


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset



Somerset

Published 1903

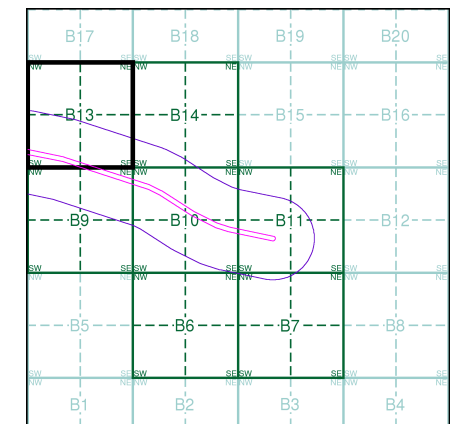
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

074_02	1903	1:2,500
074_06	1903	1:2,500

Historical Map - Segment B13

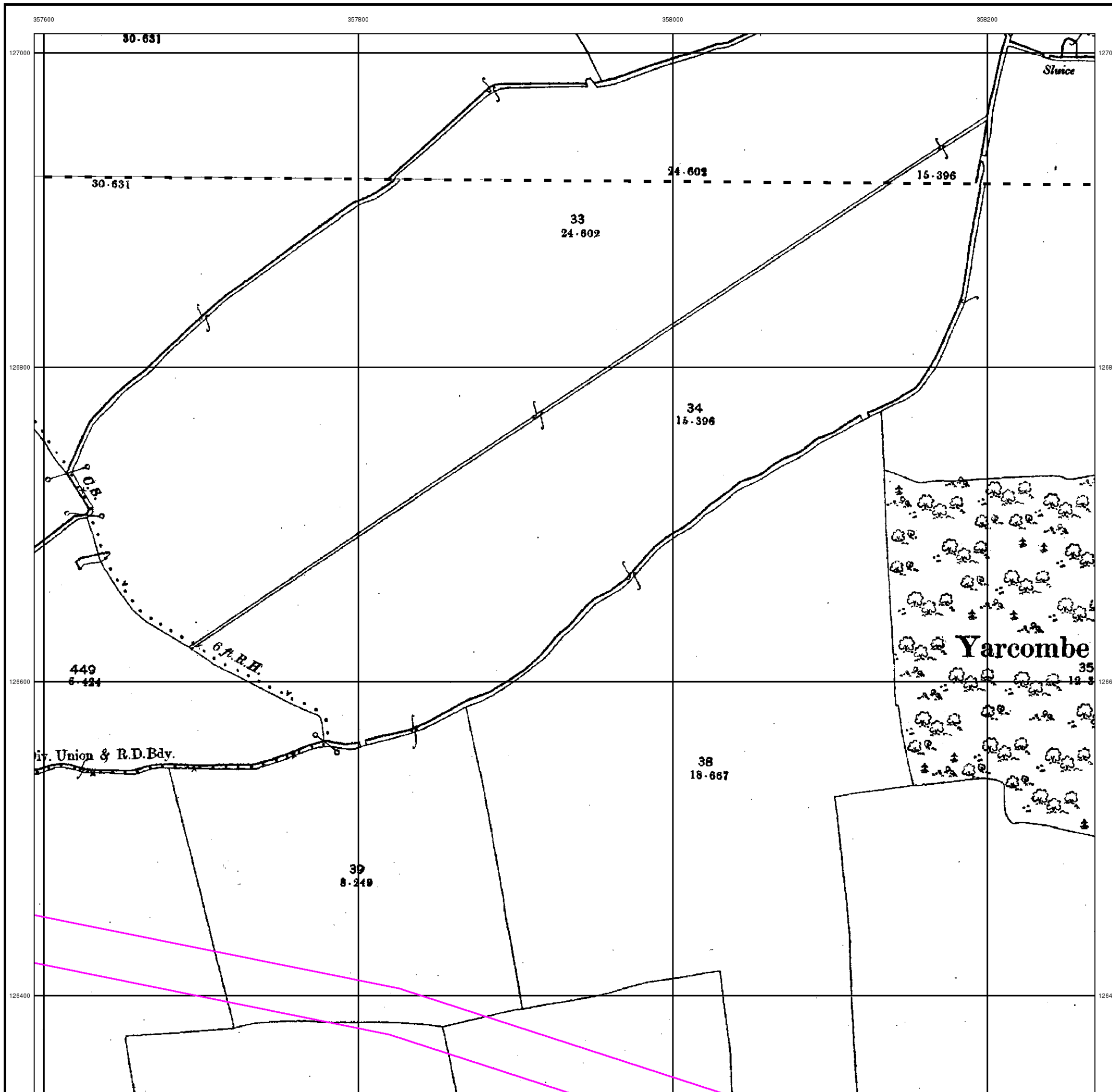


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset



Ordnance Survey Plan

Published 1975 - 1977

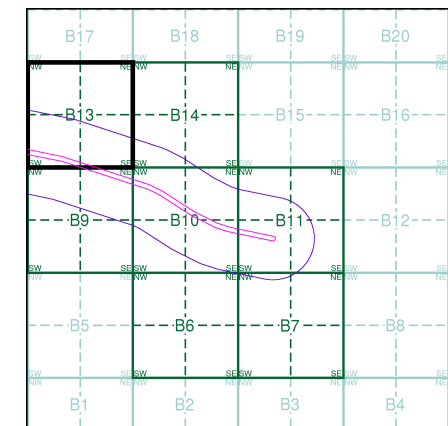
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

ST5727 1977 12,500	ST5827 1975 12,500
ST5726 1975 12,500	ST5826 1975 12,500

Historical Map - Segment B13

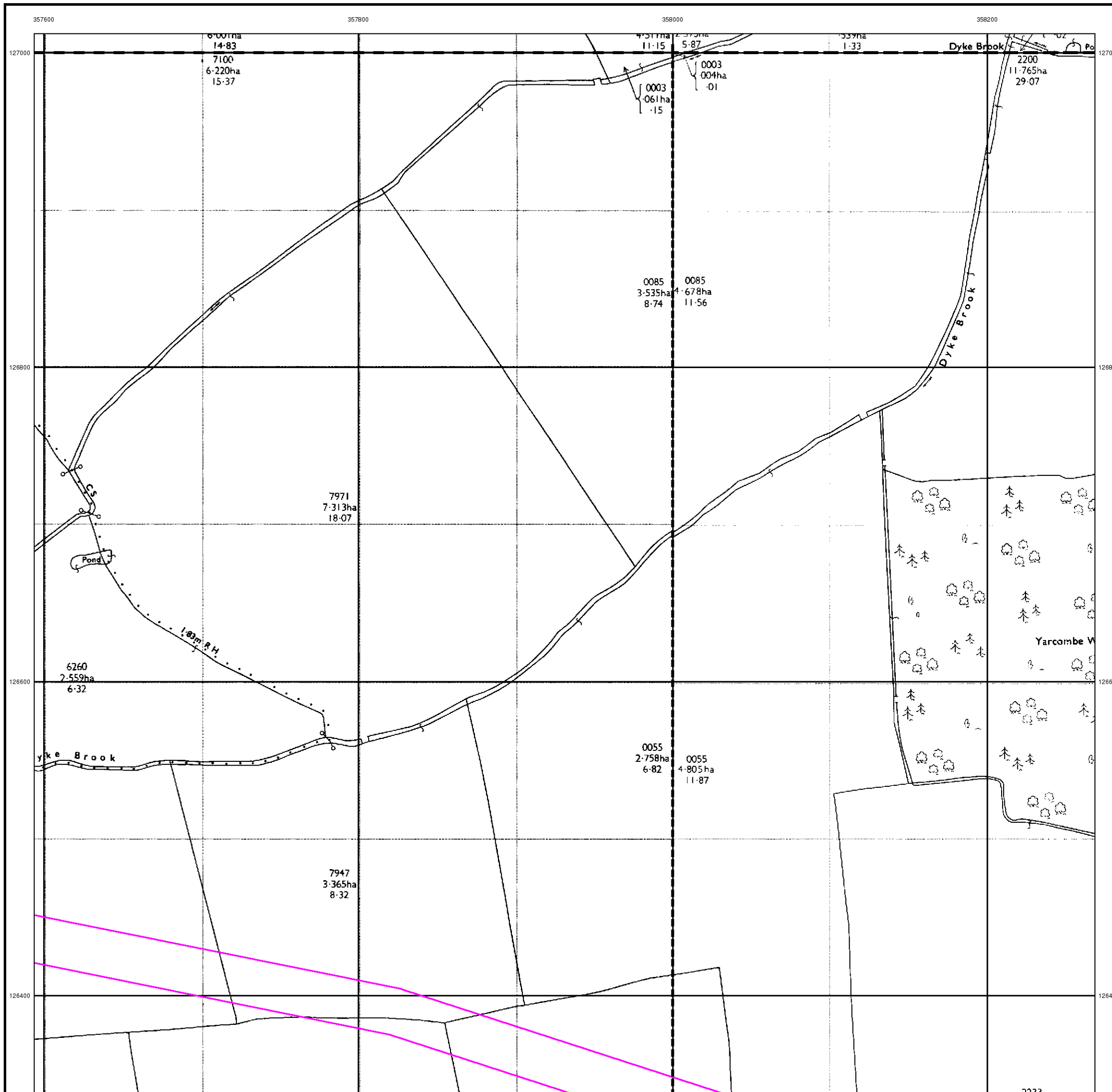


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset

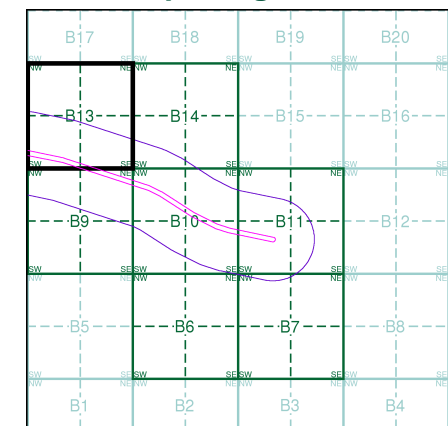


'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic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

Map Name(s) and Date(s)

ST5727	ST5827
1995	1995
1:2,500	1:2,500
ST5726	ST5826
1995	1995
1:2,500	1:2,500

Historical Map - Segment B13

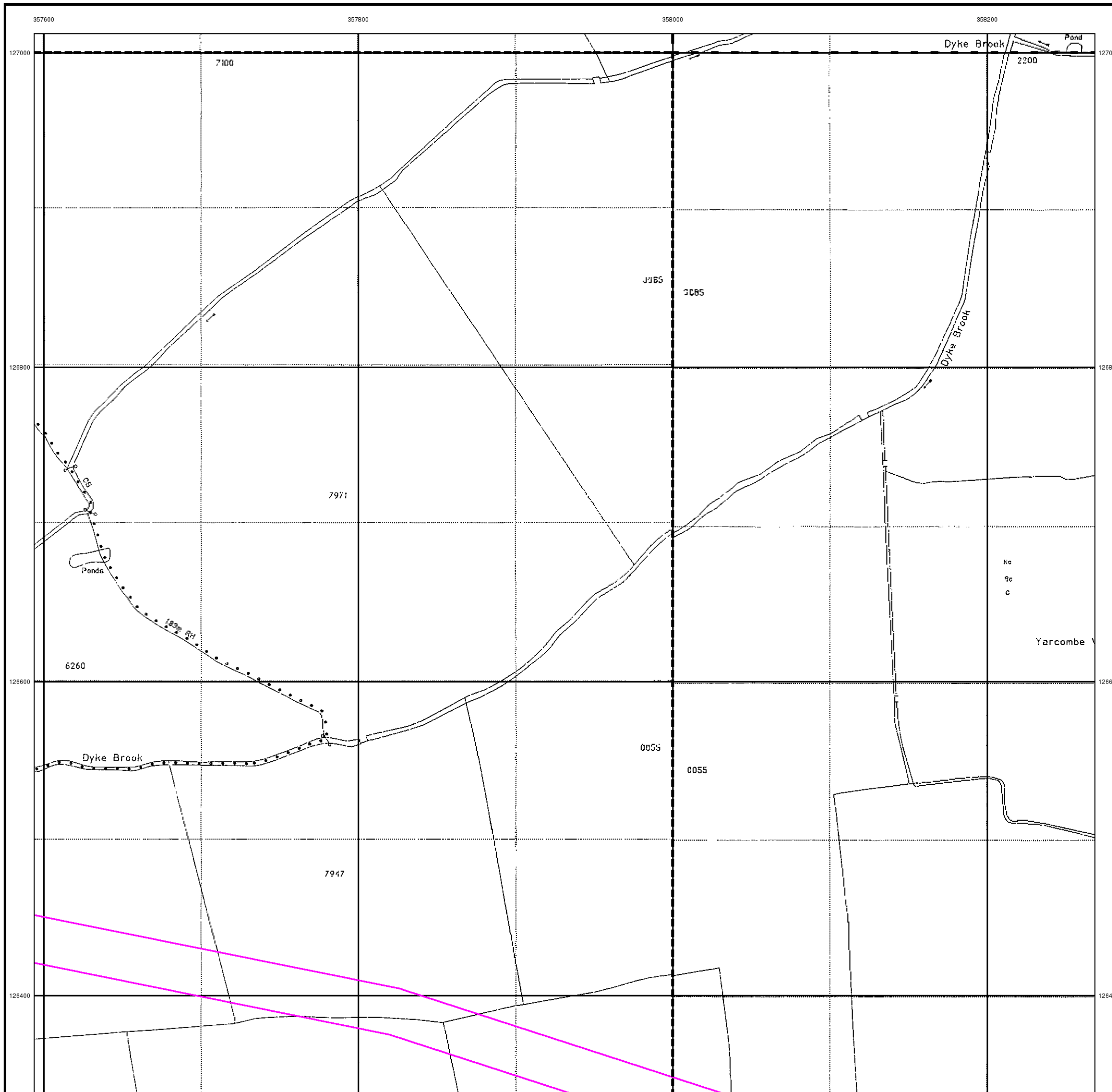


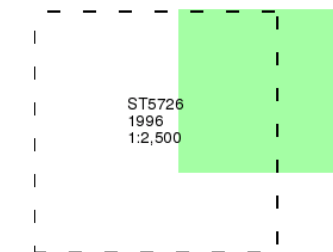
Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 250

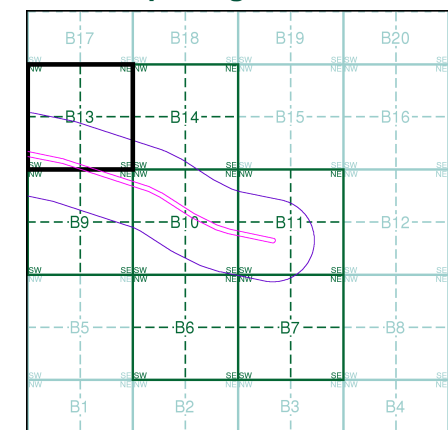
Site Details

Site at, Sparkford, Somerset





Historical Map - Segment B13

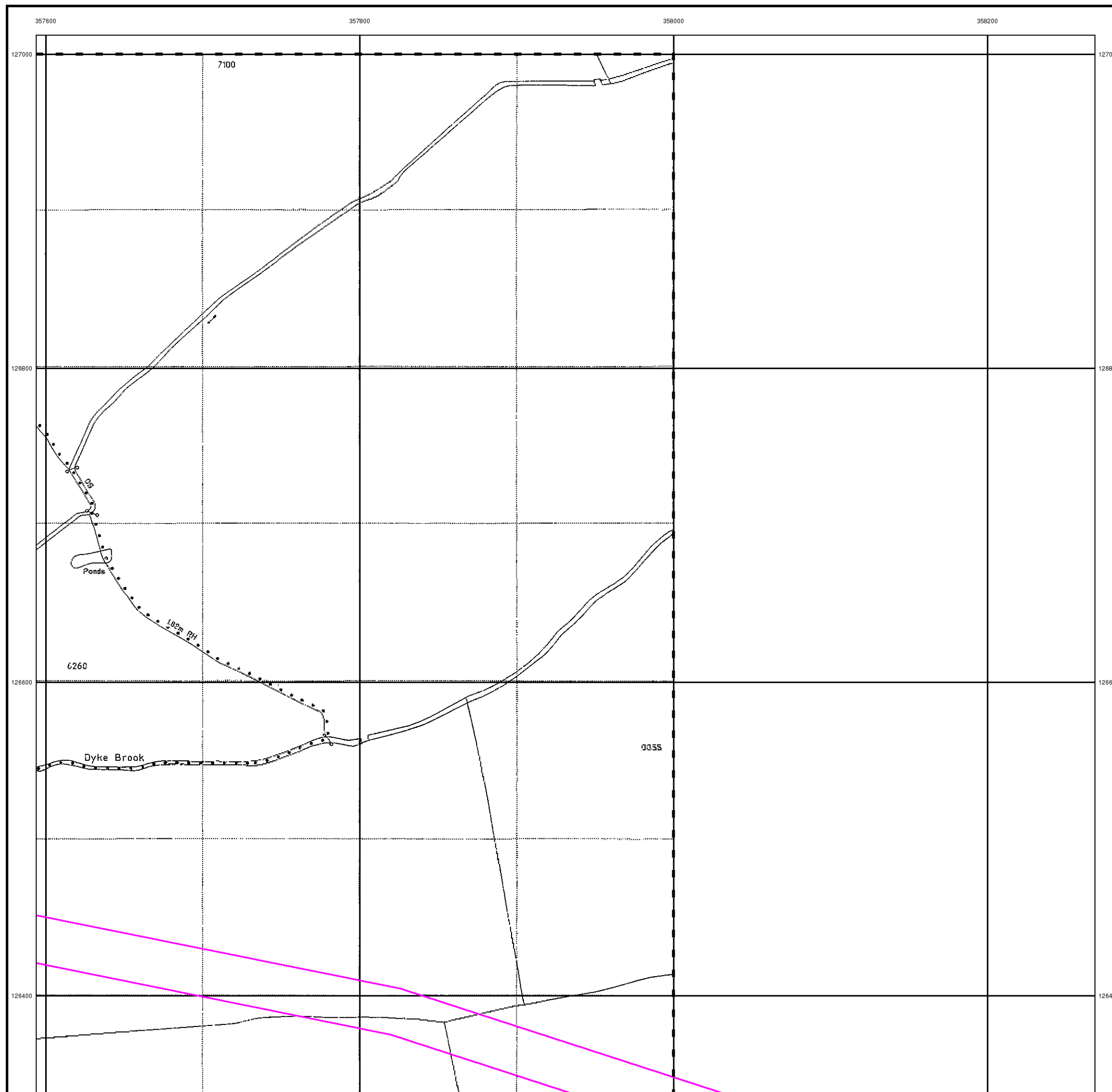


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset



Historical Mapping Legends

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

Quarry **Gravel Pit** **Sand Pit**
Clay Pit **Shingle** **Refuse Heap**
Sloping Masonry **Flat Rock**
Marsh **Reeds** **Osiers**
Rough Pasture **Furze** **Wood**
Mixed Wood **Brushwood** **Orchard**
Fir **Ford** **Stepping Stones**
Ferry **Waterfall** **Lock**
Trig. Station **Altitude at Trig. Station**
B.M. 325.9 **Bench Mark** **Surface Level**
Arrow denotes flow of water **Antiquities (site of)**
Cutting **Embankment**
Railway crossing Road **Level Crossing** **Road crossing Railway**
Railway crossing River or Canal **Road over single stream** **Road over River or Canal**
County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
County Borough Boundary (England)
Co. Boro. Bdy.
County Burgh Boundary (Scotland)
Co. Burgh Bdy.
BP BS Boundary Post or Stone **P.C.B** Police Call Box
B.R. Bridle Road **P** Pump
E.P Electricity Pylon **S.P** Signal Post
F.B. Foot Bridge **SL** Sluice
F.P. Foot Path **Sp.** Spring
G.P Guide Post or Board **T.C.B** Telephone Call Box
M.S Mile Stone **Tr.** Trough
M.P M.R Mooring Post or Ring **W** Well

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

Inactive Quarry, Chalk Pit or Clay Pit **Active Quarry, Chalk Pit or Clay Pit**
Rock **Boulders**
Cliff **Slopes** **Top**
Roofed Building **Glazed Roof Building**
Sloping Masonry **Archway**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Bench Mark** **Antiquity (site of)**
Cave Entrance **Triangulation Station** **Electricity Pylon**
Electricity Transmission Line
County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
London Borough Boundary
Symbol marking point where boundary mereing changes
BH Beer House **P** Pillar, Pole or Post
BP, BS Boundary Post or Stone **PO** Post Office
Cn, C Capstan, Crane **PC** Public Convenience
Chy Chimney **PH** Public House
D Fn Drinking Fountain **Pp** Pump
EI P Electricity Pillar or Post **SB, S Br** Signal Box or Bridge
FAP Fire Alarm Pillar **SP, SL** Signal Post or Light
FB Foot Bridge **Spr** Spring
GP Guide Post **Tk** Tank or Track
H Hydrant or Hydraulic **TCB** Telephone Call Box
LC Level Crossing **TCP** Telephone Call Post
MH Manhole **Tr** Trough
MP Mile Post or Mooring Post **Wr Pt, Wr T** Water Point, Water Tap
MS Mile Stone **W** Well
NTL Normal Tidal Limit **Wd Pp** Wind Pump

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

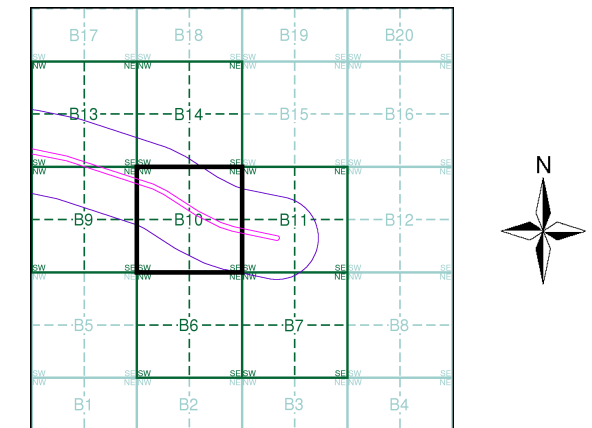
Cliff **Slopes** **Top**
Rock **Rock (scattered)**
Boulders **Boulders (scattered)**
Positioned Boulder **Scree**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Triangulation Station** **Antiquity (site of)**
Electricity Transmission Line **Electricity Pylon**
Bench Mark **Buildings with Building Seed**
Roofed Building **Glazed Roof Building**
Civil parish/community boundary
District boundary
County boundary
Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)
Bks Barracks **P** Pillar, Pole or Post
Bty Battery **PO** Post Office
Cemy Cemetery **PC** Public Convenience
Chy Chimney **Pp** Pump
Cis Cistern **Ppg Sta** Pumping Station
Dismtd Rly Dismantled Railway **PW** Place of Worship
EI Gen Sta Electricity Generating Station **Sewage Ppg Sta** Sewage Pumping Station
EI P Electricity Pole, Pillar **SB, S Br** Signal Box or Bridge
EI Sub Sta Electricity Sub Station **SP, SL** Signal Post or Light
FB Filter Bed **Spr** Spring
Fn / D Fn Fountain / Drinking Ftn. **Tk** Tank or Track
Gas Gov Gas Valve Compound **Tr** Trough
GVC Gas Governor **Wd Pp** Wind Pump
GP Guide Post **Wr Pt, Wr T** Water Point, Water Tap
MH Manhole **Wks** Works (building or area)
MP, MS Mile Post or Mile Stone **W** Well

Grontmij

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Somerset	1:2,500	1887	2
Somerset	1:2,500	1903	3
Ordnance Survey Plan	1:2,500	1975	4
Large-Scale National Grid Data	1:2,500	1995	5
Large-Scale National Grid Data	1:2,500	1996	6

Historical Map - Segment B10



Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset

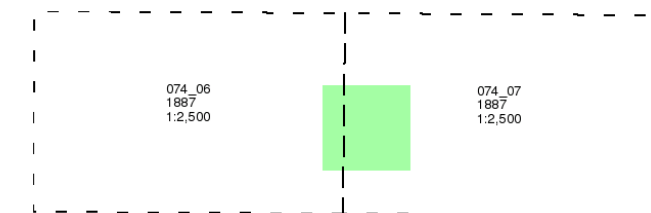
Somerset

Published 1887

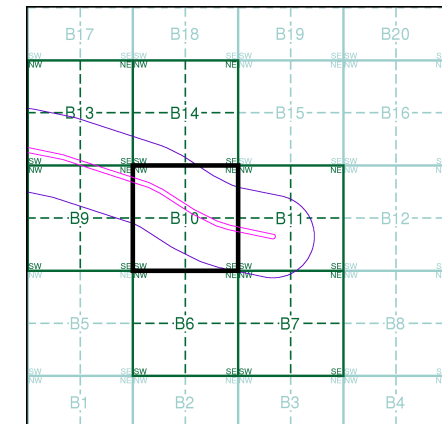
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment B10

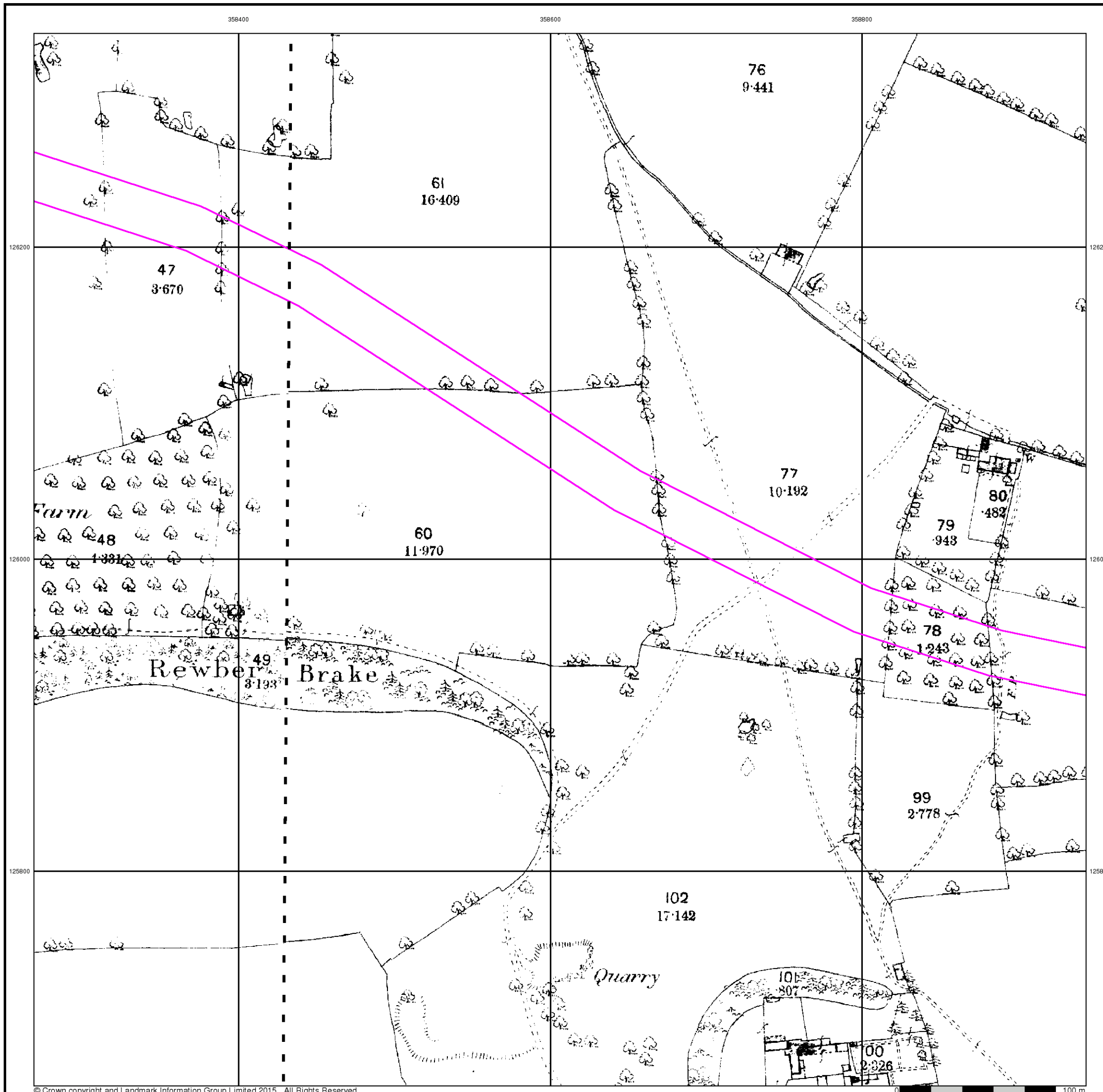


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 250

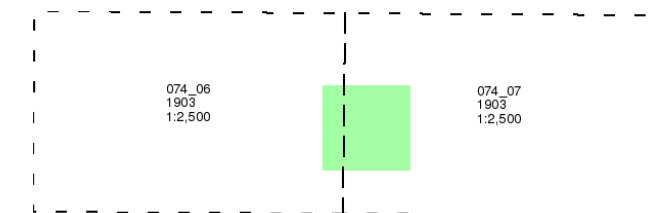
Site Details

Site at, Sparkford, Somerset

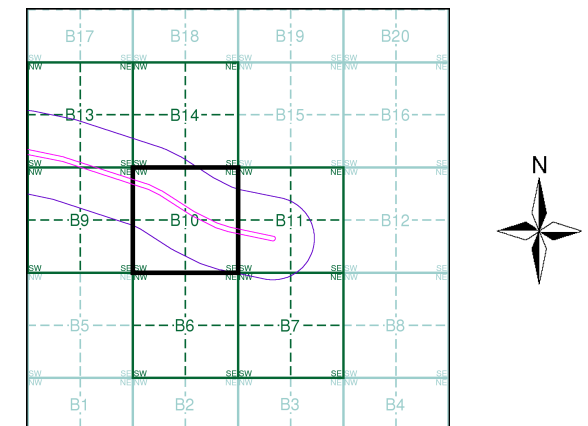


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain.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

Map Name(s) and Date(s)



Historical Map - Segment B10

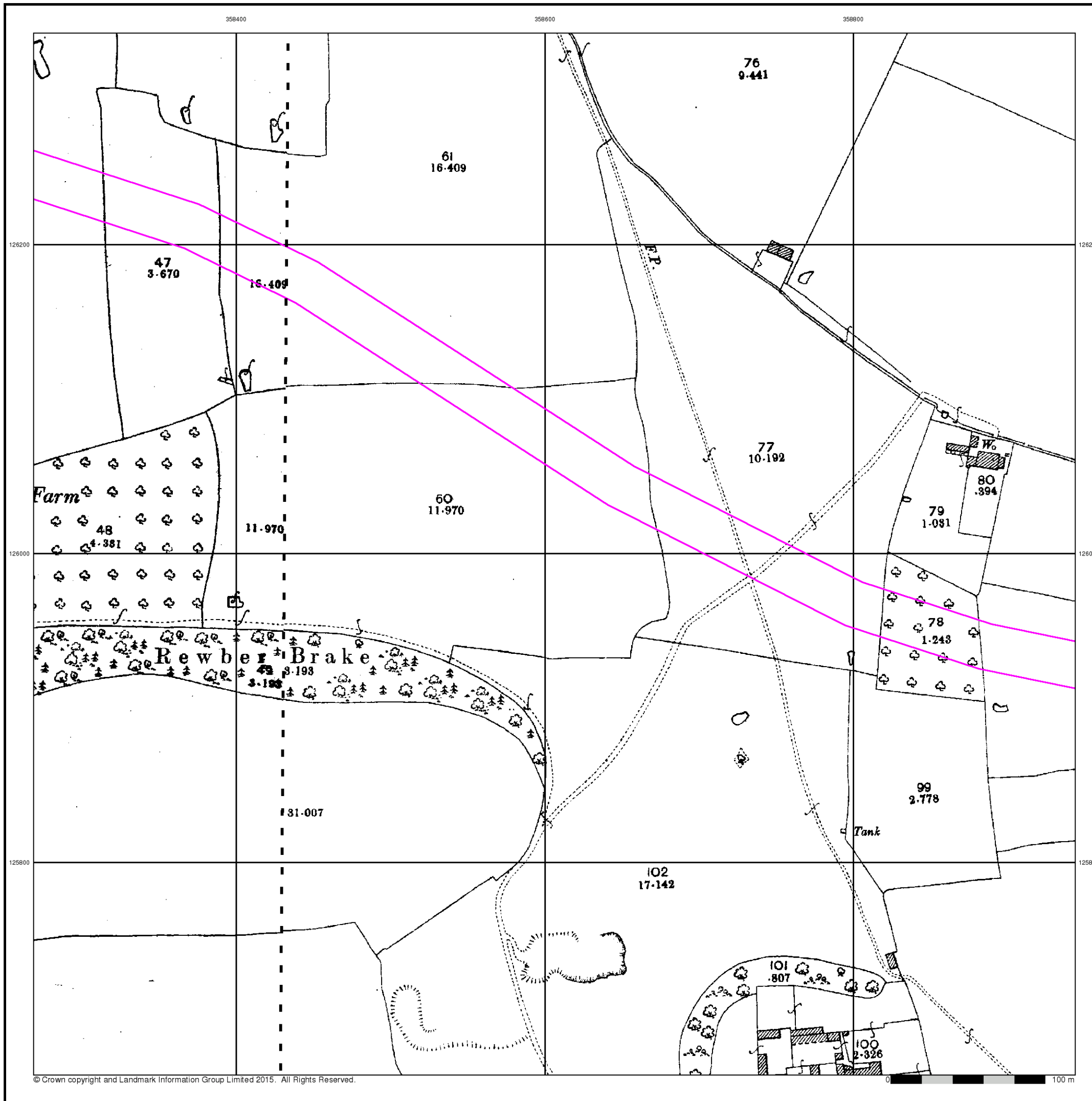


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset



Ordnance Survey Plan

Published 1975

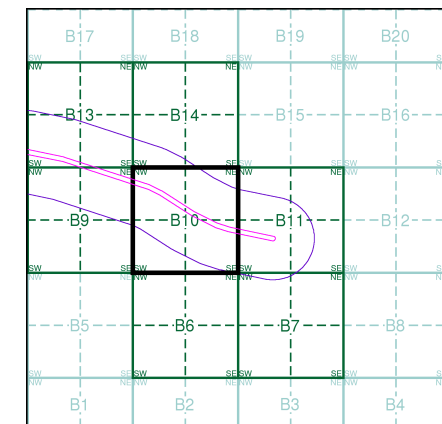
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

ST5826	1975	1:2,500
ST5825	1975	1:2,500

Historical Map - Segment B10

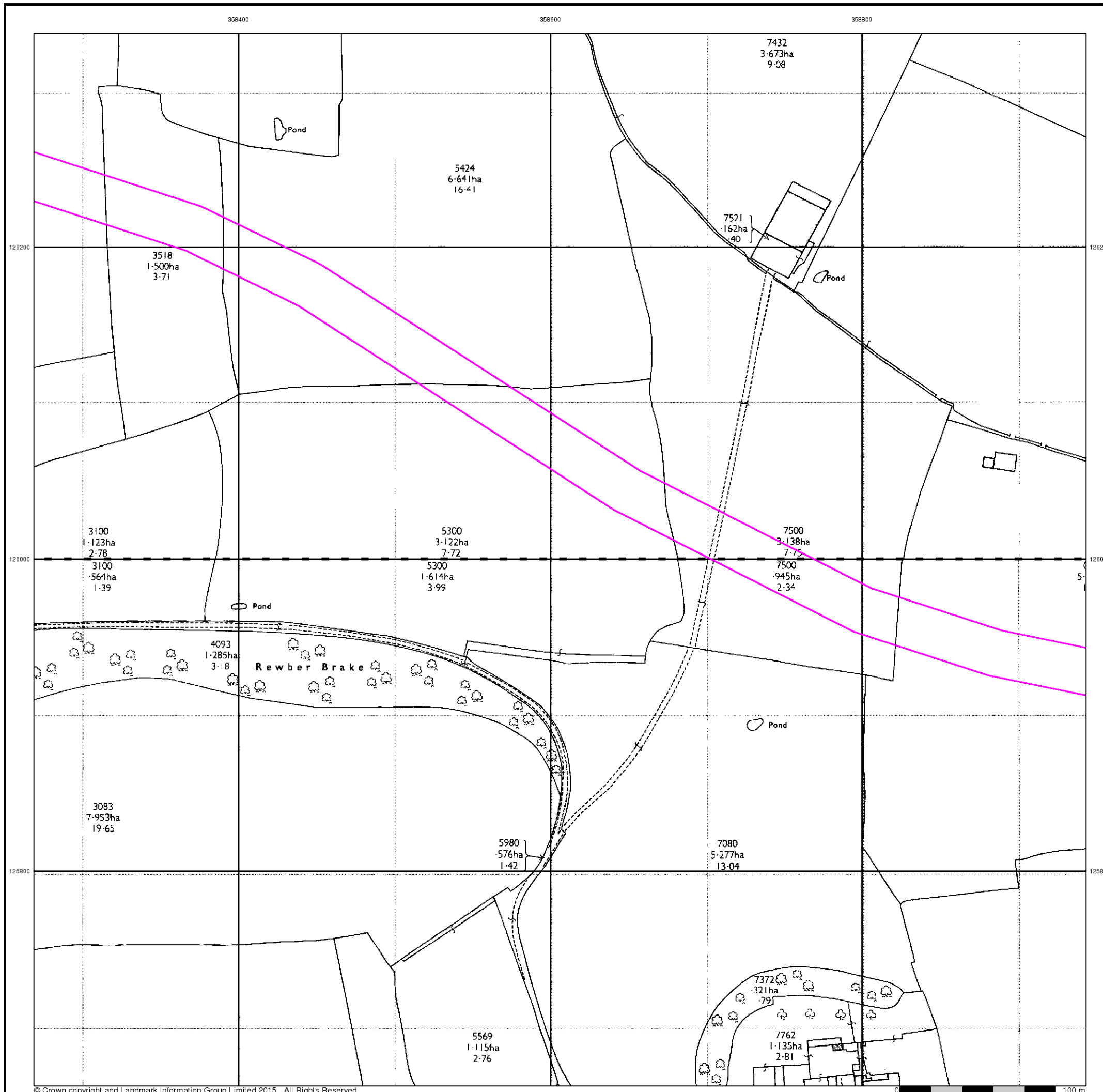


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

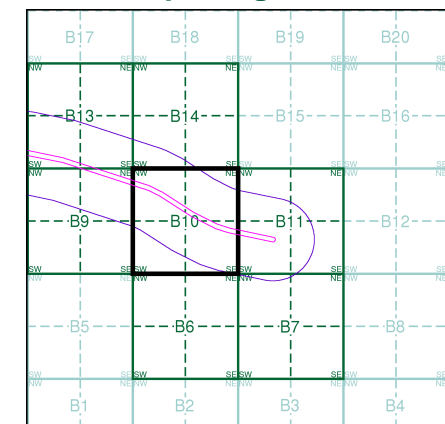
Site at, Sparkford, Somerset



Map Name(s) and Date(s)

ST5826	1995	1:2,500
ST5825	1995	1:2,500

Historical Map - Segment B10

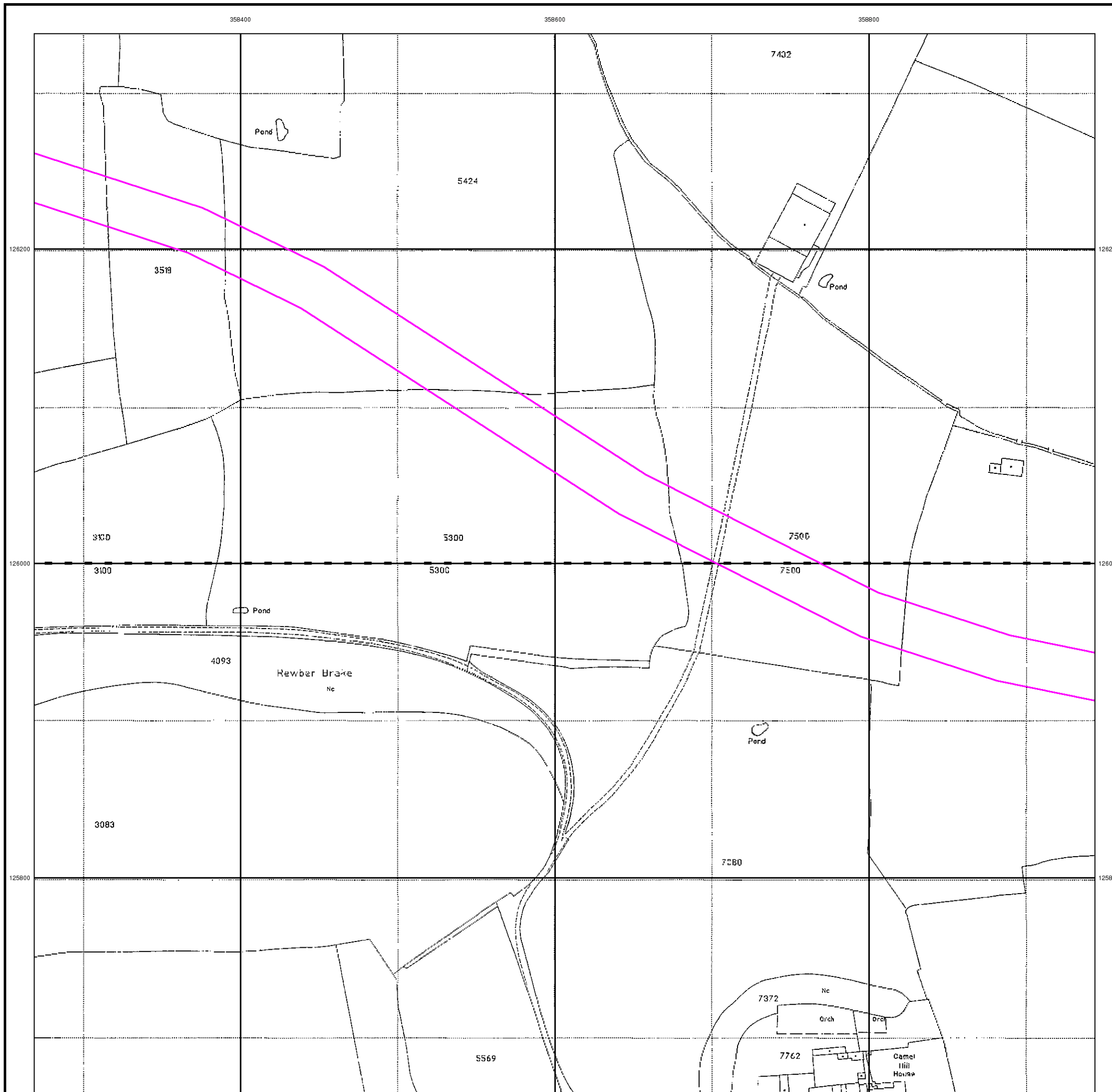


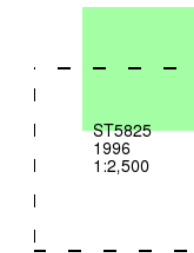
Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 250

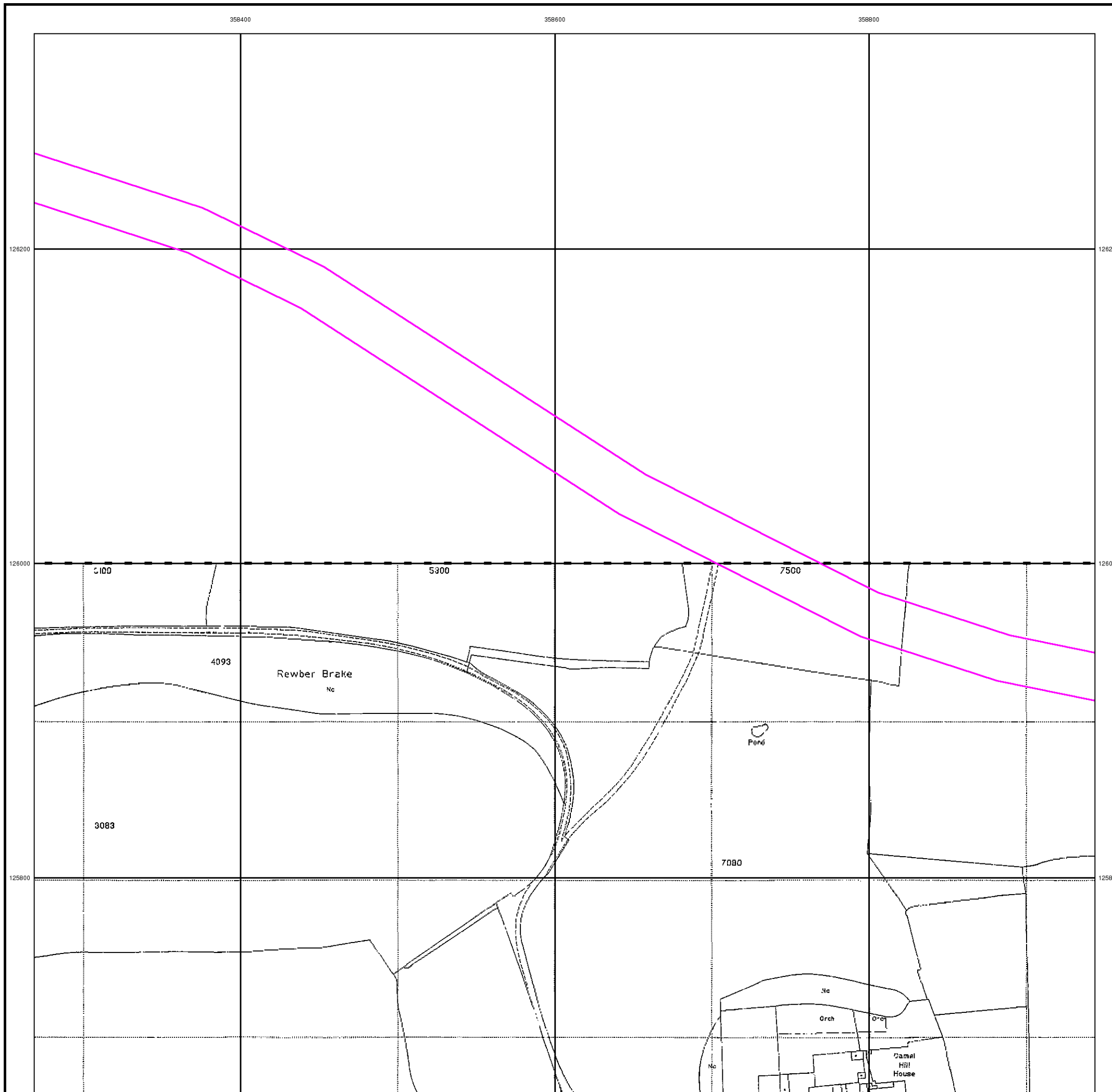
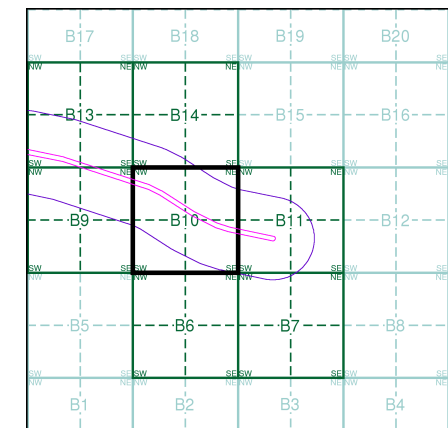
Site Details

Site at, Sparkford, Somerset





Historical Map - Segment B10



Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset

Historical Mapping Legends

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

Quarry, **Gravel Pit**, **Sand Pit**, **Clay Pit**, **Shingle**, **Refuse Heap**, **Sloping Masonry**, **Flat Rock**, **Marsh**, **Reeds**, **Osiers**, **Rough Pasture**, **Furze**, **Wood**, **Mixed Wood**, **Brushwood**, **Orchard**, **Fir**, **Ford**, **Stepping Stones**, **Ferry**, **Waterfall**, **Lock**, **Trig. Station**, **Altitude at Trig. Station**, **B.M. 325.9**, **Bench Mark**, **Surface Level**, **Arrow denotes flow of water**, **Antiquities (site of)**, **Cutting**, **Embankment**, **Railway crossing Road**, **Level Crossing**, **Road crossing Railway**, **Railway crossing River or Canal**, **Road over single stream**, **Road over River or Canal**, **County Boundary (Geographical)**, **County & Civil Parish Boundary**, **Administrative County & Civil Parish Boundary**, **County Borough Boundary (England)**, **Co. Boro. Bdy.**, **County Burgh Boundary (Scotland)**, **Co. Burgh Bdy.**, **B.P. B.S.** Boundary Post or Stone, **P.C.B.** Police Call Box, **B.R.** Bridle Road, **P.** Pump, **E.P.** Electricity Pylon, **S.P.** Signal Post, **F.B.** Foot Bridge, **Sl.** Sluice, **F.P.** Foot Path, **Sp.** Spring, **G.P.** Guide Post or Board, **T.C.B.** Telephone Call Box, **M.S.** Mile Stone, **Tr.** Trough, **M.P. M.R.** Mooring Post or Ring, **W.** Well

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

Inactive Quarry, Chalk Pit or Clay Pit, **Active Quarry, Chalk Pit or Clay Pit**, **Rock**, **Boulders**, **Cliff**, **Slopes**, **Top**, **Roofed Building**, **Glazed Roof Building**, **Sloping Masonry**, **Archway**, **Non-Coniferous Tree (surveyed)**, **Coniferous Tree (surveyed)**, **Non-Coniferous Trees (not surveyed)**, **Coniferous Trees (not surveyed)**, **Orchard Tree**, **Scrub**, **Bracken**, **Coppice, Osier**, **Reeds**, **Marsh, Saltings**, **Rough Grassland**, **Heath**, **Culvert**, **Direction of water flow**, **Bench Mark**, **Antiquity (site of)**, **Cave Entrance**, **Triangulation Station**, **Electricity Pylon**, **Electricity Transmission Line**, **County Boundary (Geographical)**, **County & Civil Parish Boundary**, **Civil Parish Boundary**, **Admin. County or County Bor. Boundary**, **L B Bdy** London Borough Boundary, **Symbol marking point where boundary mereing changes**, **BH** Beer House, **P** Pillar, Pole or Post, **BP, BS** Boundary Post or Stone, **PO** Post Office, **Cn, C** Capstan, Crane, **PC** Public Convenience, **Chy** Chimney, **PH** Public House, **D Fn** Drinking Fountain, **Pp** Pump, **EI P** Electricity Pillar or Post, **SB, S Br** Signal Box or Bridge, **FAP** Fire Alarm Pillar, **SP, SL** Signal Post or Light, **FB** Foot Bridge, **Spr** Spring, **GP** Guide Post, **Tk** Tank or Track, **H** Hydrant or Hydraulic, **TCB** Telephone Call Box, **LC** Level Crossing, **TCP** Telephone Call Post, **MH** Manhole, **Tr** Trough, **MP** Mile Post or Mooring Post, **Wr Pt, Wr T** Water Point, Water Tap, **MS** Mile Stone, **W** Well, **NTL** Normal Tidal Limit, **Wd Pp** Wind Pump

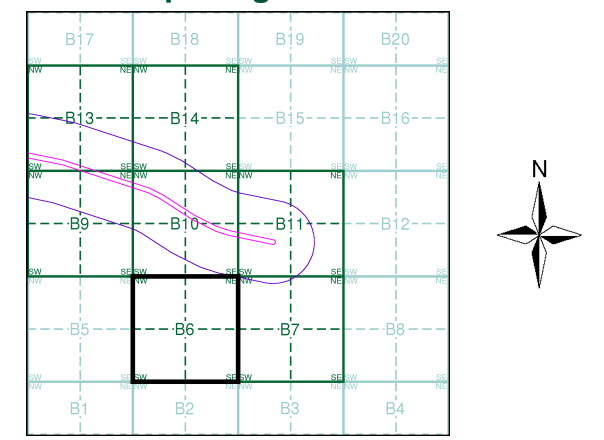
Large-Scale National Grid Data 1:2,500 and 1:1,250

Cliff, **Slopes**, **Top**, **Rock**, **Rock (scattered)**, **Boulders**, **Boulders (scattered)**, **Positioned Boulder**, **Scree**, **Non-Coniferous Tree (surveyed)**, **Coniferous Tree (surveyed)**, **Non-Coniferous Trees (not surveyed)**, **Coniferous Trees (not surveyed)**, **Orchard Tree**, **Scrub**, **Bracken**, **Coppice, Osier**, **Reeds**, **Marsh, Saltings**, **Rough Grassland**, **Heath**, **Culvert**, **Direction of water flow**, **Triangulation Station**, **Antiquity (site of)**, **Electricity Transmission Line**, **Electricity Pylon**, **Bench Mark**, **Buildings with Building Seed**, **Roofed Building**, **Glazed Roof Building**, **Civil parish/community boundary**, **District boundary**, **County boundary**, **Boundary post/stone**, **Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)**, **Bks** Barracks, **P** Pillar, Pole or Post, **Bty** Battery, **PO** Post Office, **Cemy** Cemetery, **PC** Public Convenience, **Chy** Chimney, **Pp** Pump, **Cis** Cistern, **Ppg Sta** Pumping Station, **Dismtd Rly** Dismantled Railway, **PW** Place of Worship, **EI Gen Sta** Electricity Generating Station, **Sewage Ppg Sta** Sewage Pumping Station, **EI P** Electricity Pole, Pillar, **SB, S Br** Signal Box or Bridge, **EI Sub Sta** Electricity Sub Station, **SP, SL** Signal Post or Light, **FB** Filter Bed, **Spr** Spring, **Fn / D Fn** Fountain / Drinking Ftn., **Tk** Tank or Track, **Gas Gov** Gas Valve Compound, **Tr** Trough, **GVC** Gas Governor, **Wd Pp** Wind Pump, **GP** Guide Post, **Wr Pt, Wr T** Water Point, Water Tap, **MH** Manhole, **Wks** Works (building or area), **MP, MS** Mile Post or Mile Stone, **W** Well

Grontmij
 Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Somerset	1:2,500	1887	2
Somerset	1:2,500	1903	3
Ordnance Survey Plan	1:2,500	1975	4
Large-Scale National Grid Data	1:2,500	1995	5
Large-Scale National Grid Data	1:2,500	1996	6

Historical Map - Segment B6



Order Details
 Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details
 Site at, Sparkford, Somerset

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

Somerset

Published 1887

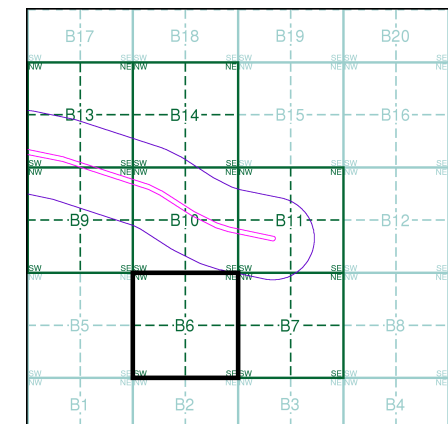
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

074_06 1887 1:2,500	074_07 1887 1:2,500
074_10 1887 1:2,500	074_11 1887 1:2,500

Historical Map - Segment B6

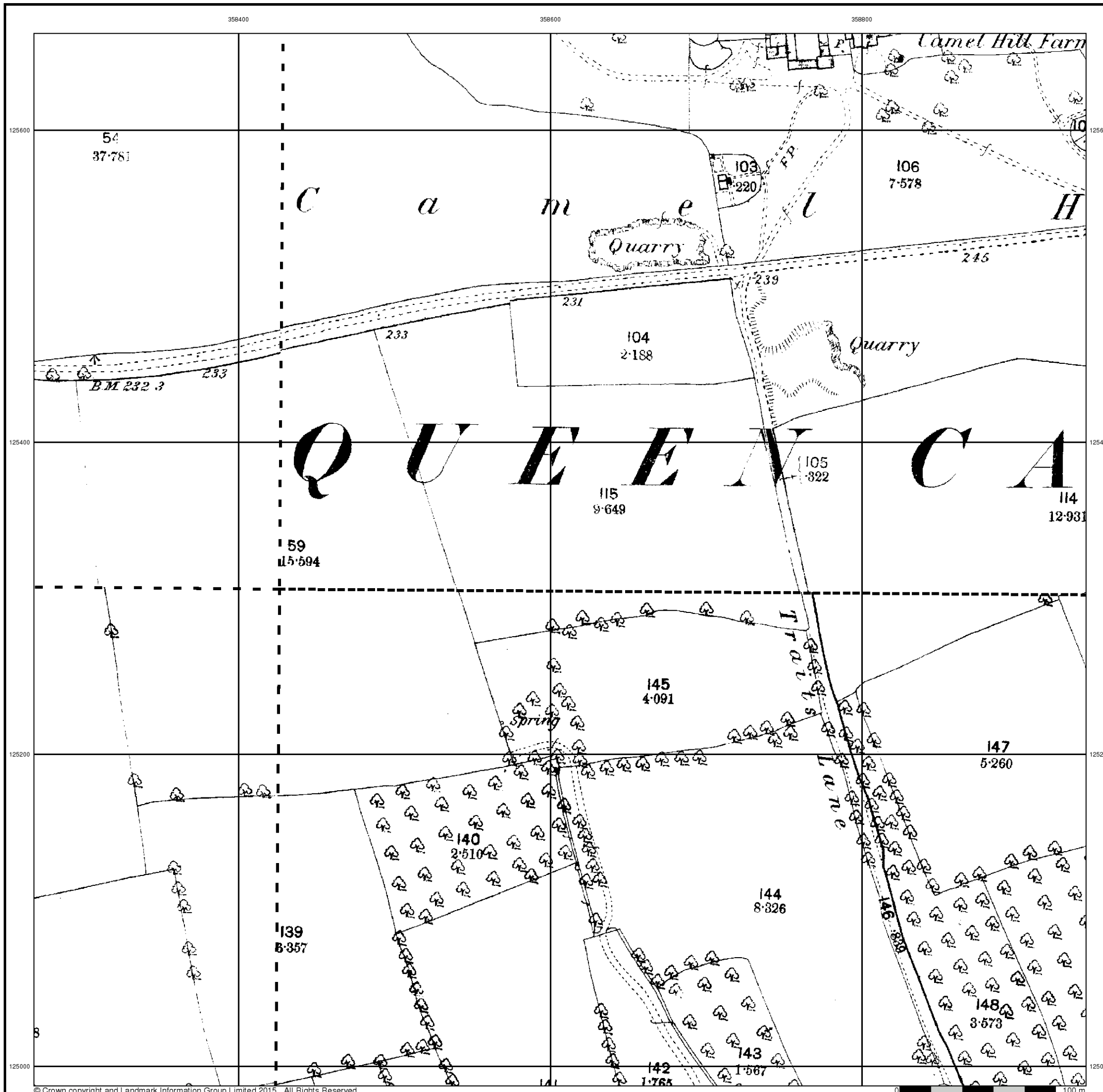


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset



Somerset

Published 1903

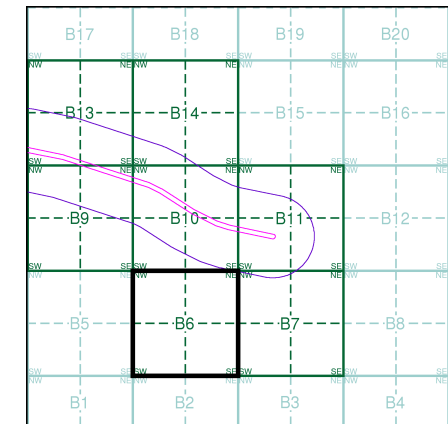
Source map scale - 1:2,500

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Map Name(s) and Date(s)

074_06 1903 1:2,500	074_07 1903 1:2,500
074_10 1903 1:2,500	074_11 1903 1:2,500

Historical Map - Segment B6



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 National Grid Reference: 358580, 126110
 Slice: B
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 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset

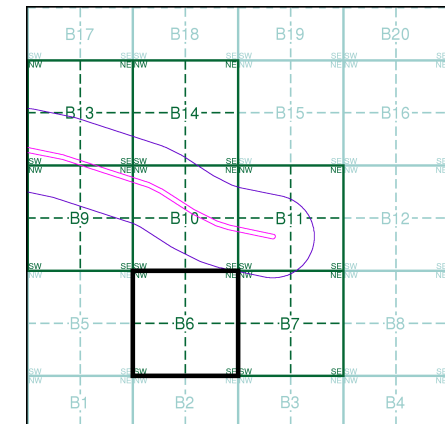


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Map Name(s) and Date(s)

ST5825	1975	1:2,500
ST5824	1975	1:2,500

Historical Map - Segment B6



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Order Number: 79579301_1_1
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 Slice: B
 Site Area (Ha): 10.71
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Site Details

Site at, Sparkford, Somerset

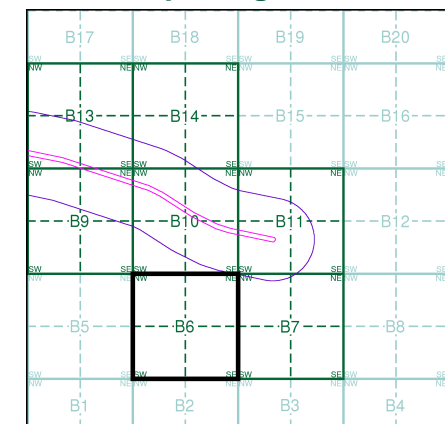


'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic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

Map Name(s) and Date(s)

ST5825	1995	1:2,500
ST5824	1995	1:2,500

Historical Map - Segment B6



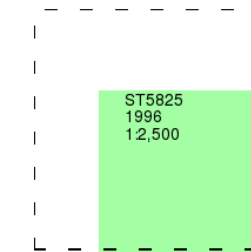
Order Details

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 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 250

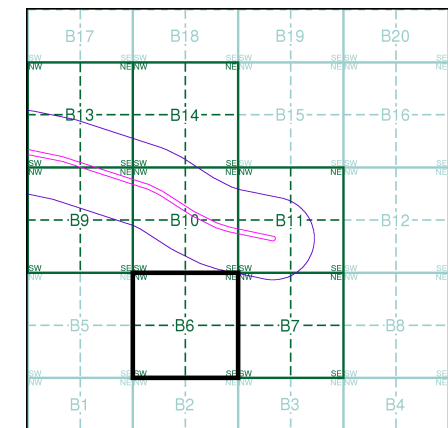
Site Details

Site at, Sparkford, Somerset





Historical Map - Segment B6



Order Details

Order Number: 79579301_1_1
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 National Grid Reference: 358580, 126110
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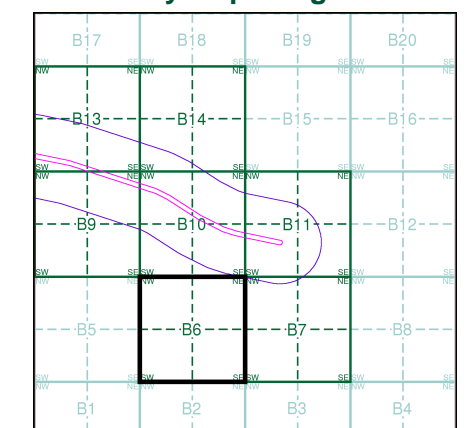
Site Details

Site at, Sparkford, Somerset



- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
 - Several of Type at Location
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
 - Contaminated Land Register Entry or Notice
 - Discharge Consent
 - Enforcement or Prohibition Notice
 - Integrated Pollution Control
 - Integrated Pollution Prevention Control
 - Local Authority Integrated Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control Enforcement
 - Pollution Incident to Controlled Waters
 - Prosecution Relating to Authorised Processes
 - Prosecution Relating to Controlled Waters
 - Registered Radioactive Substance
 - River Network or Water Feature
 - River Quality Sampling Point
 - Substantiated Pollution Incident Register
 - Water Abstraction
 - Water Industry Act Referral
- Waste**
- BGS Recorded Landfill Site (Location)
 - BGS Recorded Landfill Site
 - EA Historic Landfill (Buffered Point)
 - EA Historic Landfill (Polygon)
 - Integrated Pollution Control Registered Waste Site
 - Licensed Waste Management Facility (Landfill Boundary)
 - Licensed Waste Management Facility (Location)
 - Local Authority Recorded Landfill Site (Location)
 - Local Authority Recorded Landfill Site
 - Registered Landfill Site
 - Registered Landfill Site (Location)
 - Registered Landfill Site (Point Buffered to 100m)
 - Registered Landfill Site (Point Buffered to 250m)
 - Registered Waste Transfer Site (Location)
 - Registered Waste Transfer Site
 - Registered Waste Treatment or Disposal Site (Location)
 - Registered Waste Treatment or Disposal Site
- Hazardous Substances**
- COMAH Site
 - Explosive Site
 - NIHHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement
- Geological**
- BGS Recorded Mineral Site
- Industrial Land Use**
- Contemporary Trade Directory Entry
 - Fuel Station Entry

Site Sensitivity Map - Segment B6

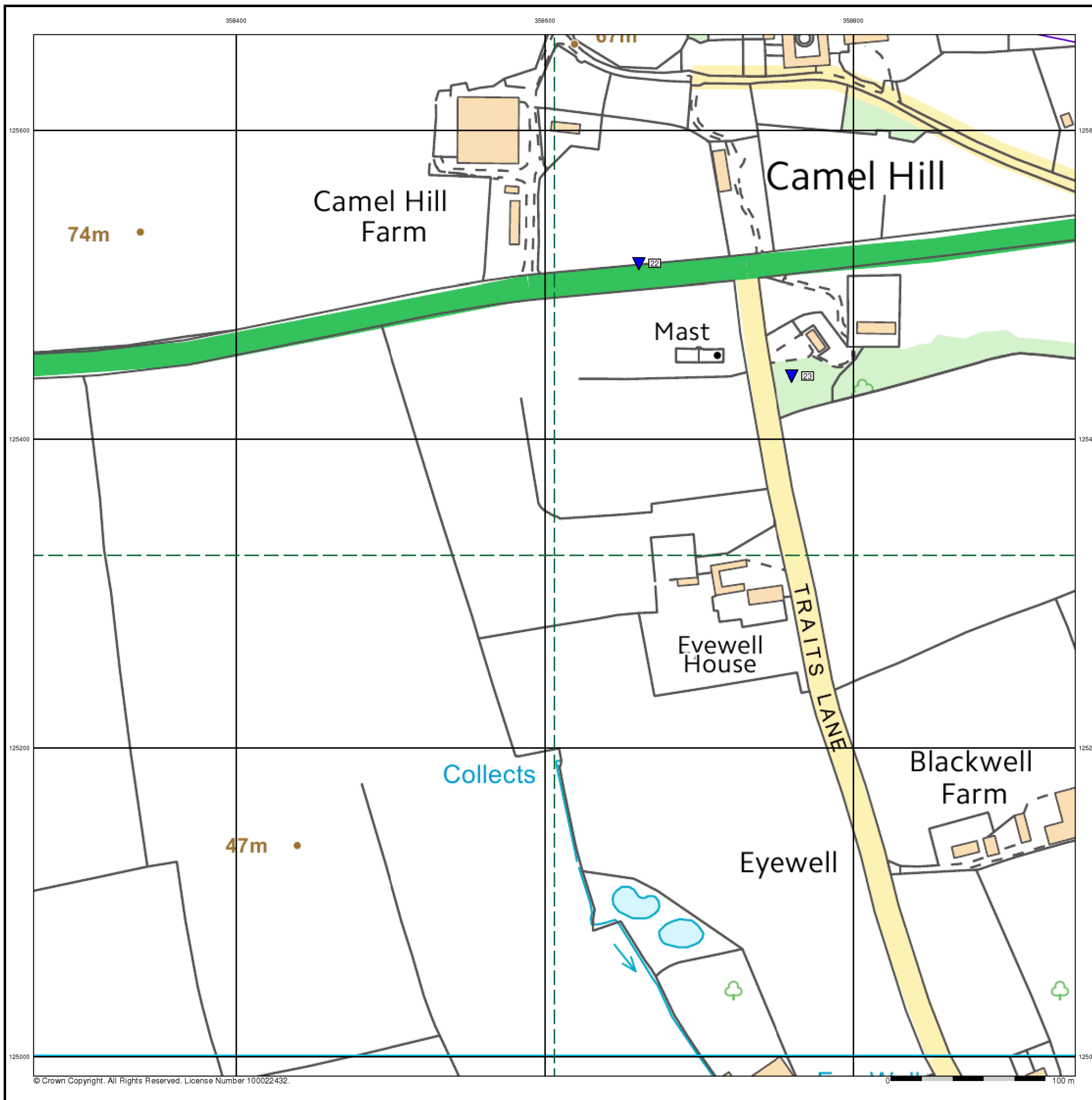


Order Details

Order Number: 79579301_1_1
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 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71

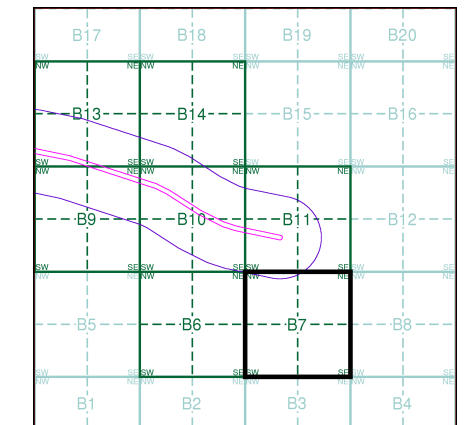
Site Details

Site at, Sparkford, Somerset



- General**
- Specified Site
 - Specified Buffer(s)
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 - Registered Waste Transfer Site
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 - Registered Waste Treatment or Disposal Site
- Hazardous Substances**
- COMAH Site
 - Explosive Site
 - NIHHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement
- Geological**
- BGS Recorded Mineral Site
- Industrial Land Use**
- Contemporary Trade Directory Entry
 - Fuel Station Entry

Site Sensitivity Map - Segment B7

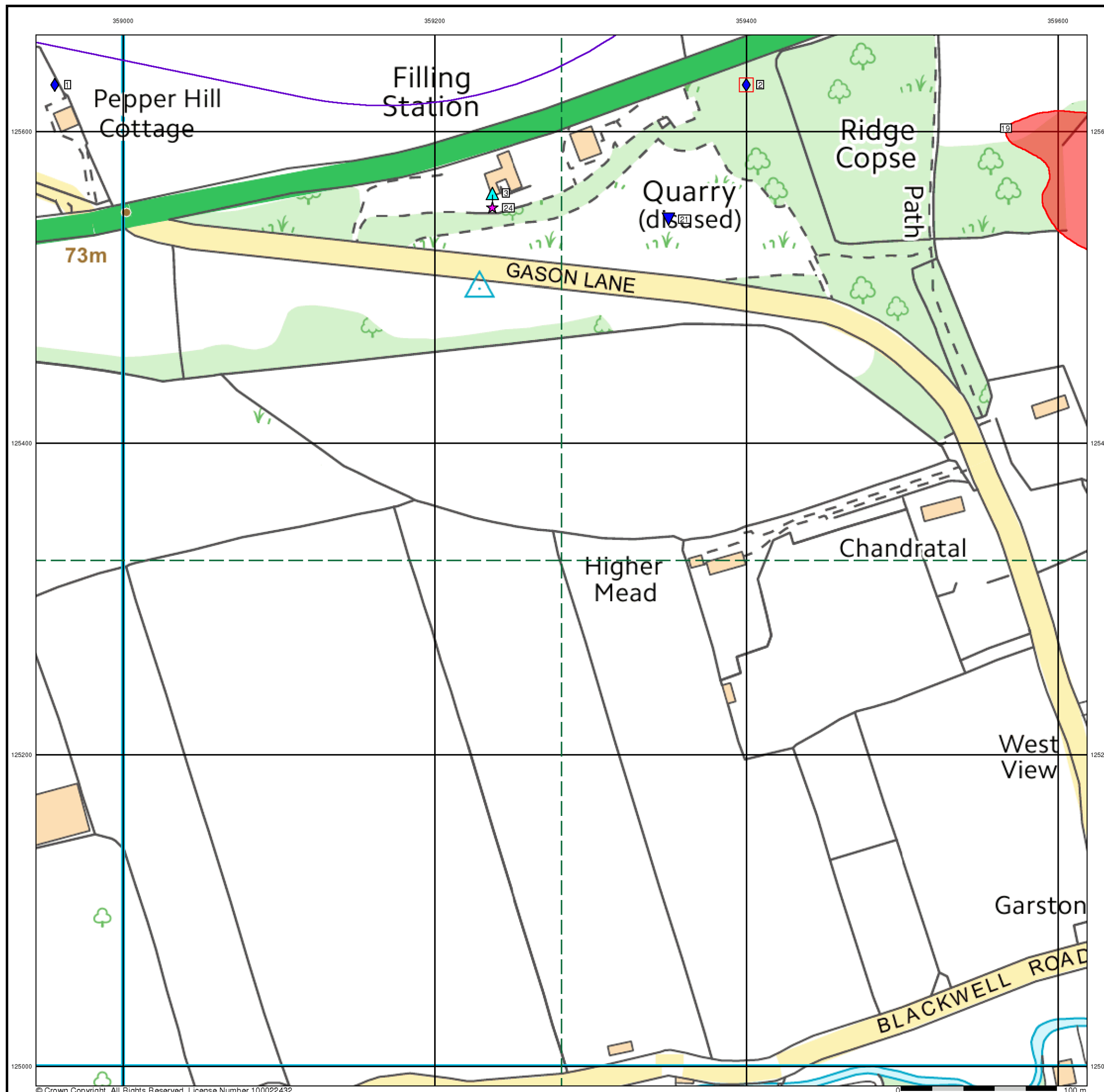


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71

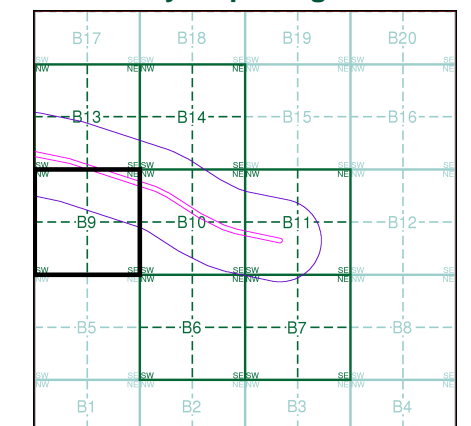
Site Details

Site at, Sparkford, Somerset



- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
 - Several of Type at Location
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
 - Contaminated Land Register Entry or Notice
 - Discharge Consent
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 - Integrated Pollution Control
 - Integrated Pollution Prevention Control
 - Local Authority Integrated Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control Enforcement
 - Pollution Incident to Controlled Waters
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 - Registered Radioactive Substance
 - River Network or Water Feature
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 - Water Abstraction
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- Waste**
- BGS Recorded Landfill Site (Location)
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 - EA Historic Landfill (Buffered Point)
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 - Integrated Pollution Control Registered Waste Site
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 - Licensed Waste Management Facility (Location)
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 - Local Authority Recorded Landfill Site
 - Registered Landfill Site
 - Registered Landfill Site (Location)
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 - Registered Waste Transfer Site (Location)
 - Registered Waste Transfer Site
 - Registered Waste Treatment or Disposal Site (Location)
 - Registered Waste Treatment or Disposal Site
- Hazardous Substances**
- COMAH Site
 - Explosive Site
 - NIHHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement
- Geological**
- BGS Recorded Mineral Site
- Industrial Land Use**
- Contemporary Trade Directory Entry
 - Fuel Station Entry

Site Sensitivity Map - Segment B9

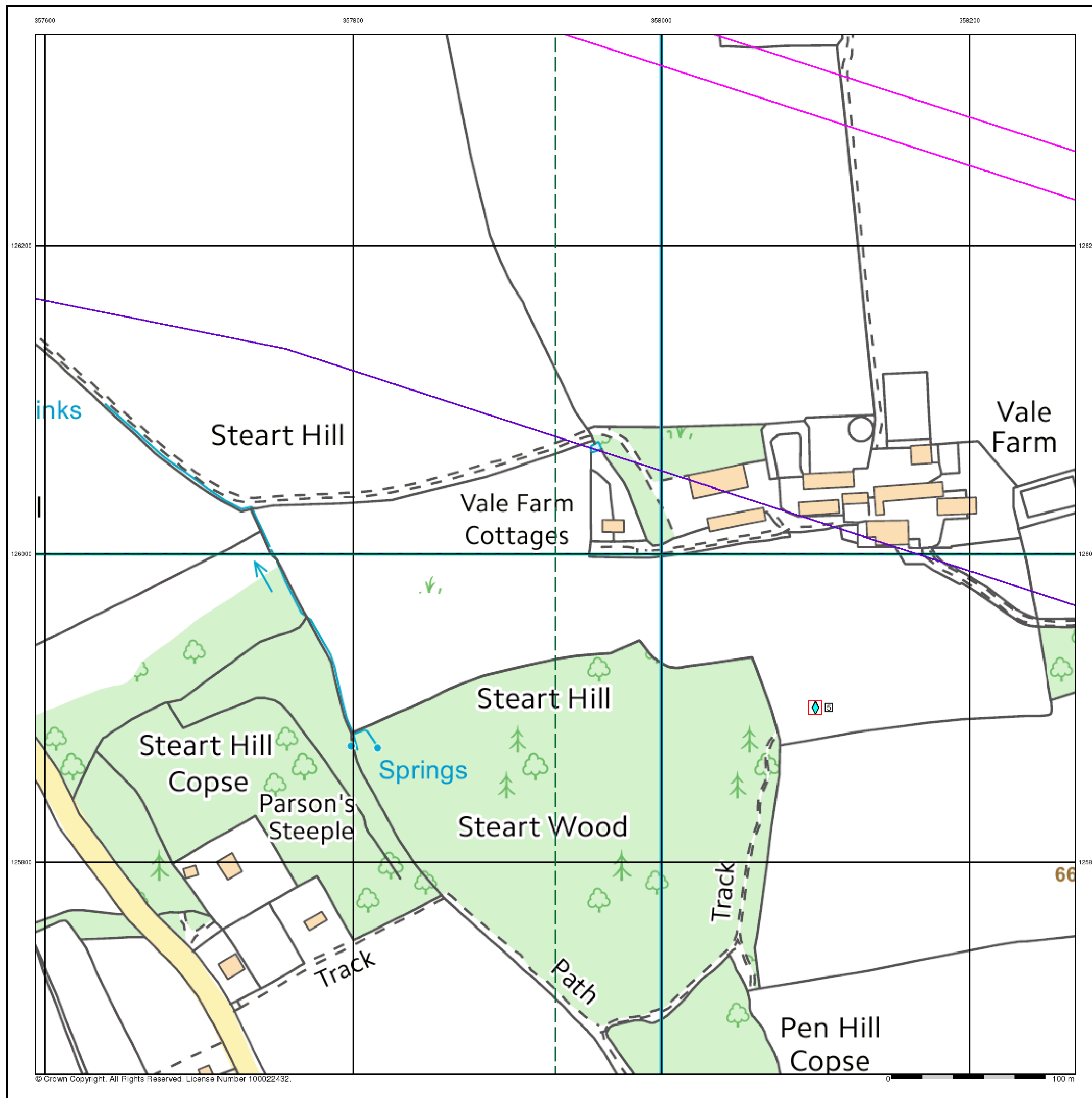


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71

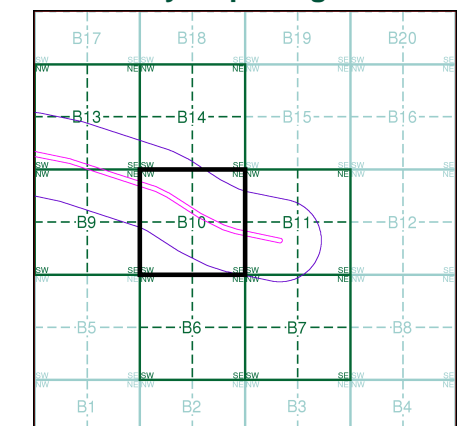
Site Details

Site at, Sparkford, Somerset



- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
 - Several of Type at Location
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
 - Contaminated Land Register Entry or Notice
 - Discharge Consent
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 - Local Authority Recorded Landfill Site
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 - Registered Waste Transfer Site (Location)
 - Registered Waste Transfer Site
 - Registered Waste Treatment or Disposal Site (Location)
 - Registered Waste Treatment or Disposal Site
- Geological**
- BGS Recorded Mineral Site
- Industrial Land Use**
- Contemporary Trade Directory Entry
 - Fuel Station Entry
- Hazardous Substances**
- COMAH Site
 - Explosive Site
 - NIHHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement

Site Sensitivity Map - Segment B10

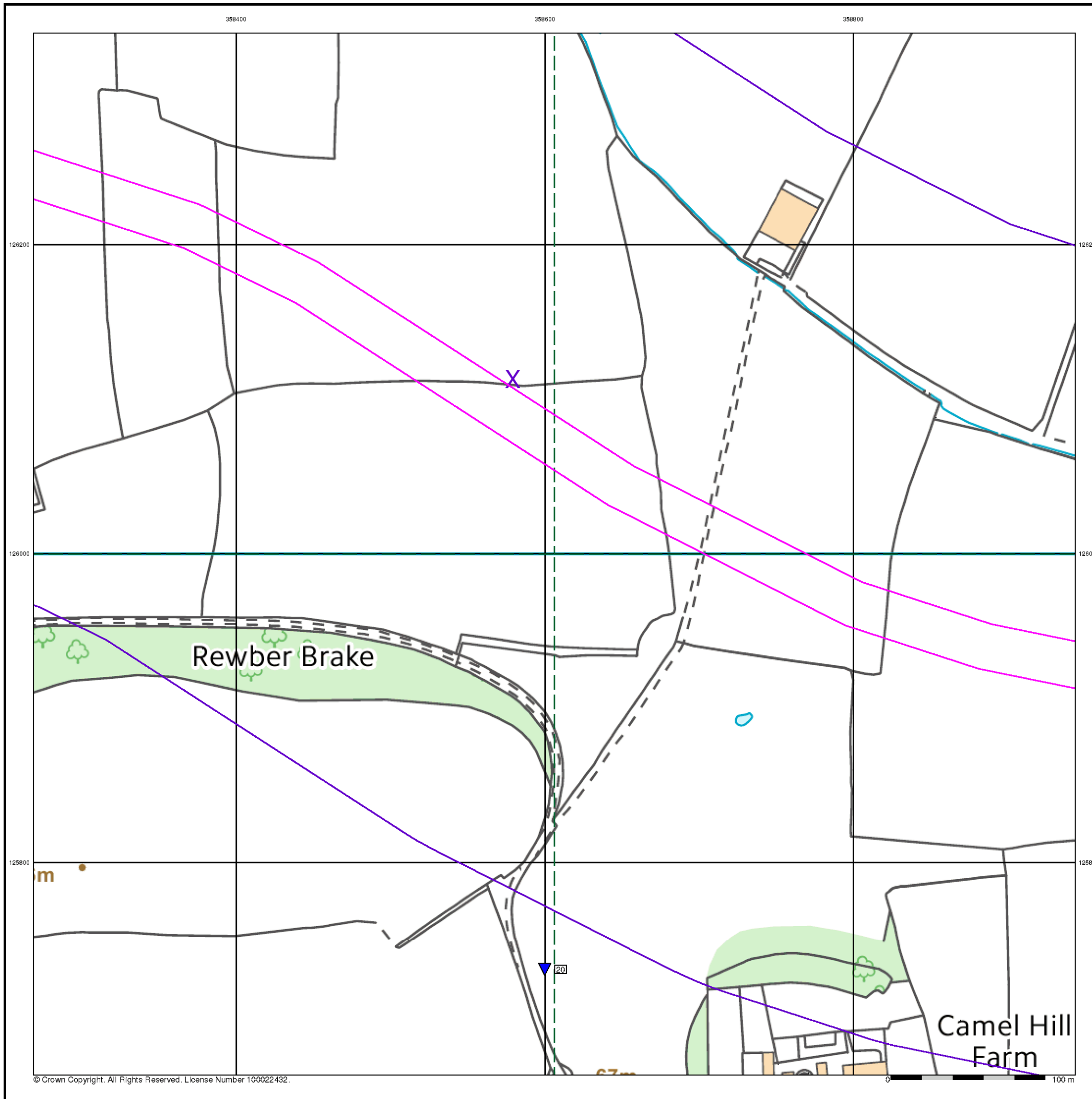


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71

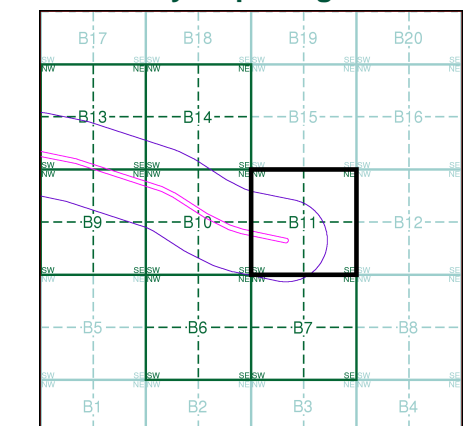
Site Details

Site at, Sparkford, Somerset



- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
 - Several of Type at Location
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
 - Contaminated Land Register Entry or Notice
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 - Registered Waste Treatment or Disposal Site
- Hazardous Substances**
- COMAH Site
 - Explosive Site
 - NIHHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement
- Geological**
- BGS Recorded Mineral Site
- Industrial Land Use**
- Contemporary Trade Directory Entry
 - Fuel Station Entry

Site Sensitivity Map - Segment B11

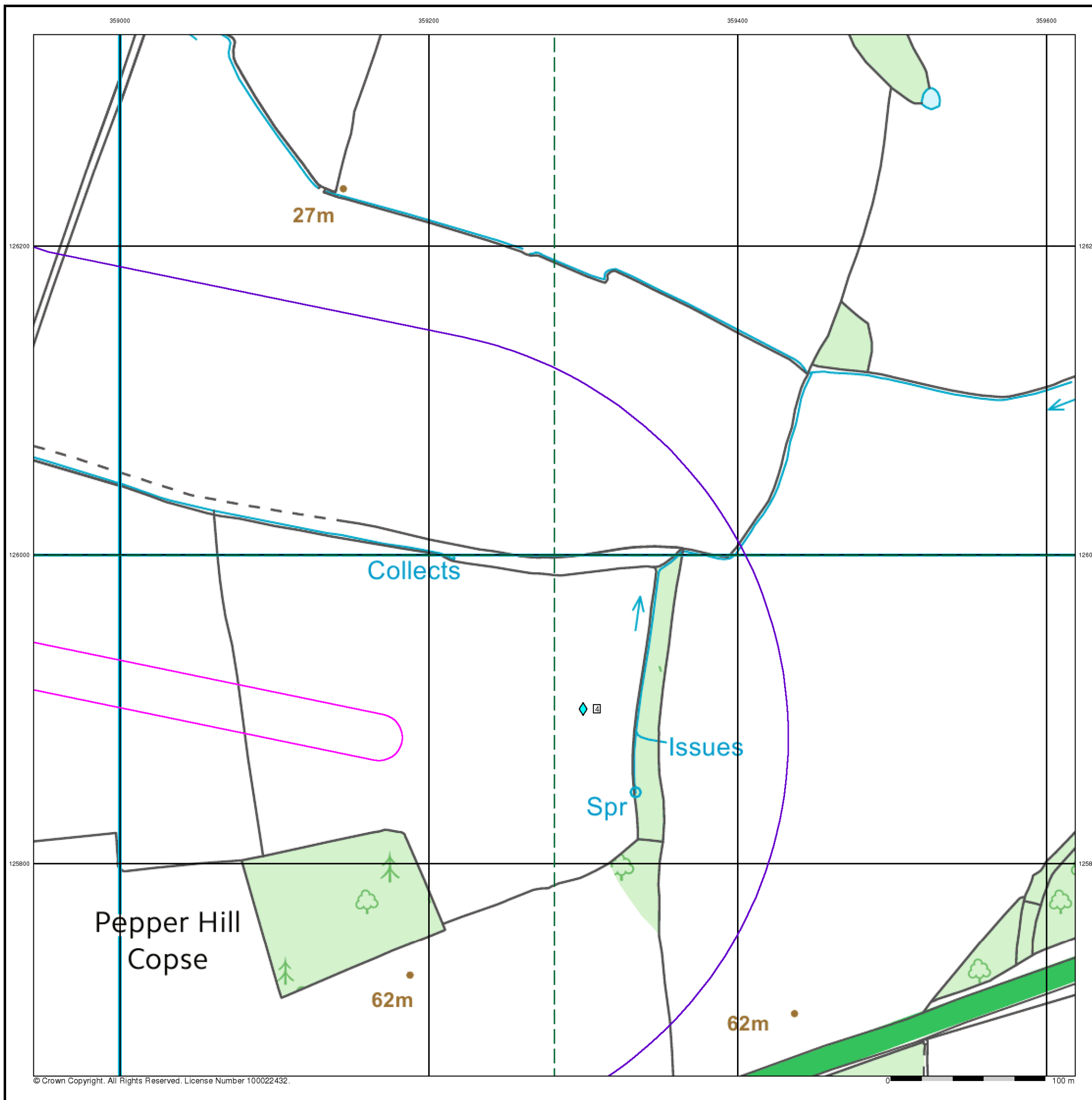


Order Details

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 Slice: B
 Site Area (Ha): 10.71

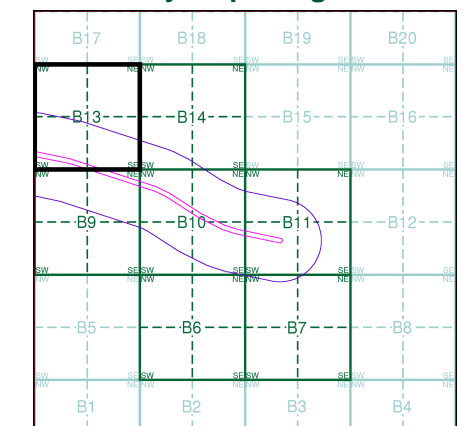
Site Details

Site at, Sparkford, Somerset



- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
 - Several of Type at Location
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
 - Contaminated Land Register Entry or Notice
 - Discharge Consent
 - Enforcement or Prohibition Notice
 - Integrated Pollution Control
 - Integrated Pollution Prevention Control
 - Local Authority Integrated Pollution Prevention and Control
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 - Registered Waste Treatment or Disposal Site
- Geological**
- BGS Recorded Mineral Site
- Industrial Land Use**
- Contemporary Trade Directory Entry
 - Fuel Station Entry
- Hazardous Substances**
- COMAH Site
 - Explosive Site
 - NIHHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement

Site Sensitivity Map - Segment B13

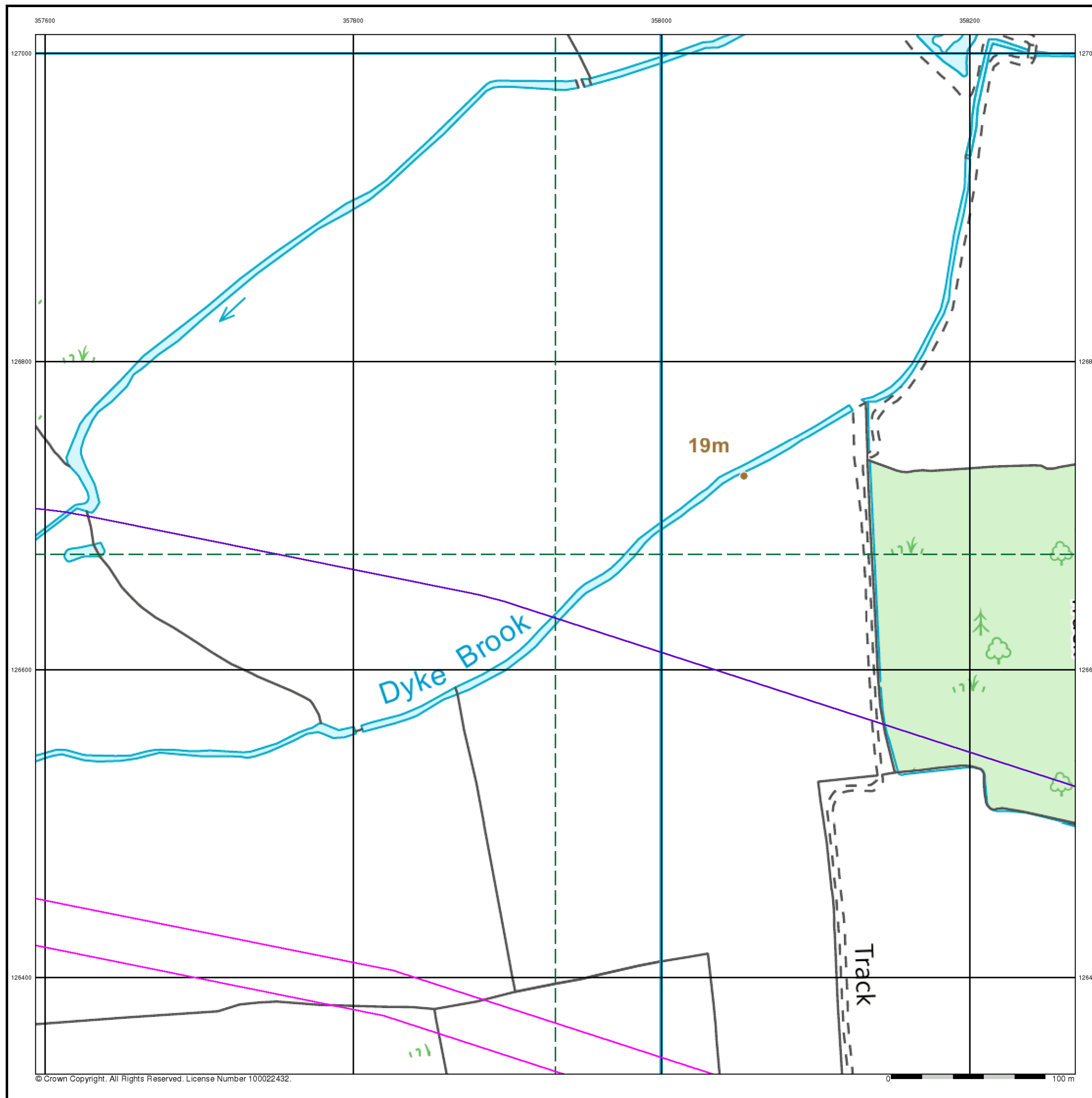


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71

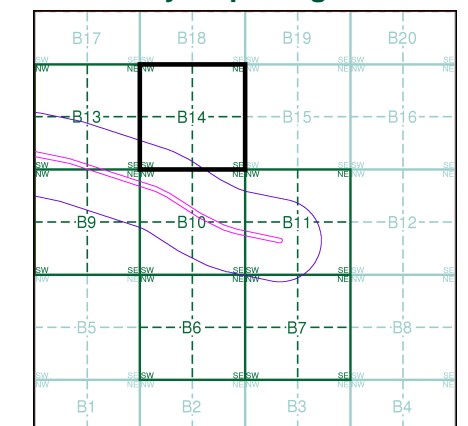
Site Details

Site at, Sparkford, Somerset



- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
 - Several of Type at Location
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
 - Contaminated Land Register Entry or Notice
 - Discharge Consent
 - Enforcement or Prohibition Notice
 - Integrated Pollution Control
 - Integrated Pollution Prevention Control
 - Local Authority Integrated Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control Enforcement
 - Pollution Incident to Controlled Waters
 - Prosecution Relating to Authorised Processes
 - Prosecution Relating to Controlled Waters
 - Registered Radioactive Substance
 - River Network or Water Feature
 - River Quality Sampling Point
 - Substantiated Pollution Incident Register
 - Water Abstraction
 - Water Industry Act Referral
- Waste**
- BGS Recorded Landfill Site (Location)
 - BGS Recorded Landfill Site
 - EA Historic Landfill (Buffered Point)
 - EA Historic Landfill (Polygon)
 - Integrated Pollution Control Registered Waste Site
 - Licensed Waste Management Facility (Landfill Boundary)
 - Licensed Waste Management Facility (Location)
 - Local Authority Recorded Landfill Site (Location)
 - Local Authority Recorded Landfill Site
 - Registered Landfill Site
 - Registered Landfill Site (Location)
 - Registered Landfill Site (Point Buffered to 100m)
 - Registered Landfill Site (Point Buffered to 250m)
 - Registered Waste Transfer Site (Location)
 - Registered Waste Transfer Site
 - Registered Waste Treatment or Disposal Site (Location)
 - Registered Waste Treatment or Disposal Site
- Hazardous Substances**
- COMAH Site
 - Explosive Site
 - NIHHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement
- Geological**
- BGS Recorded Mineral Site
- Industrial Land Use**
- Contemporary Trade Directory Entry
 - Fuel Station Entry

Site Sensitivity Map - Segment B14

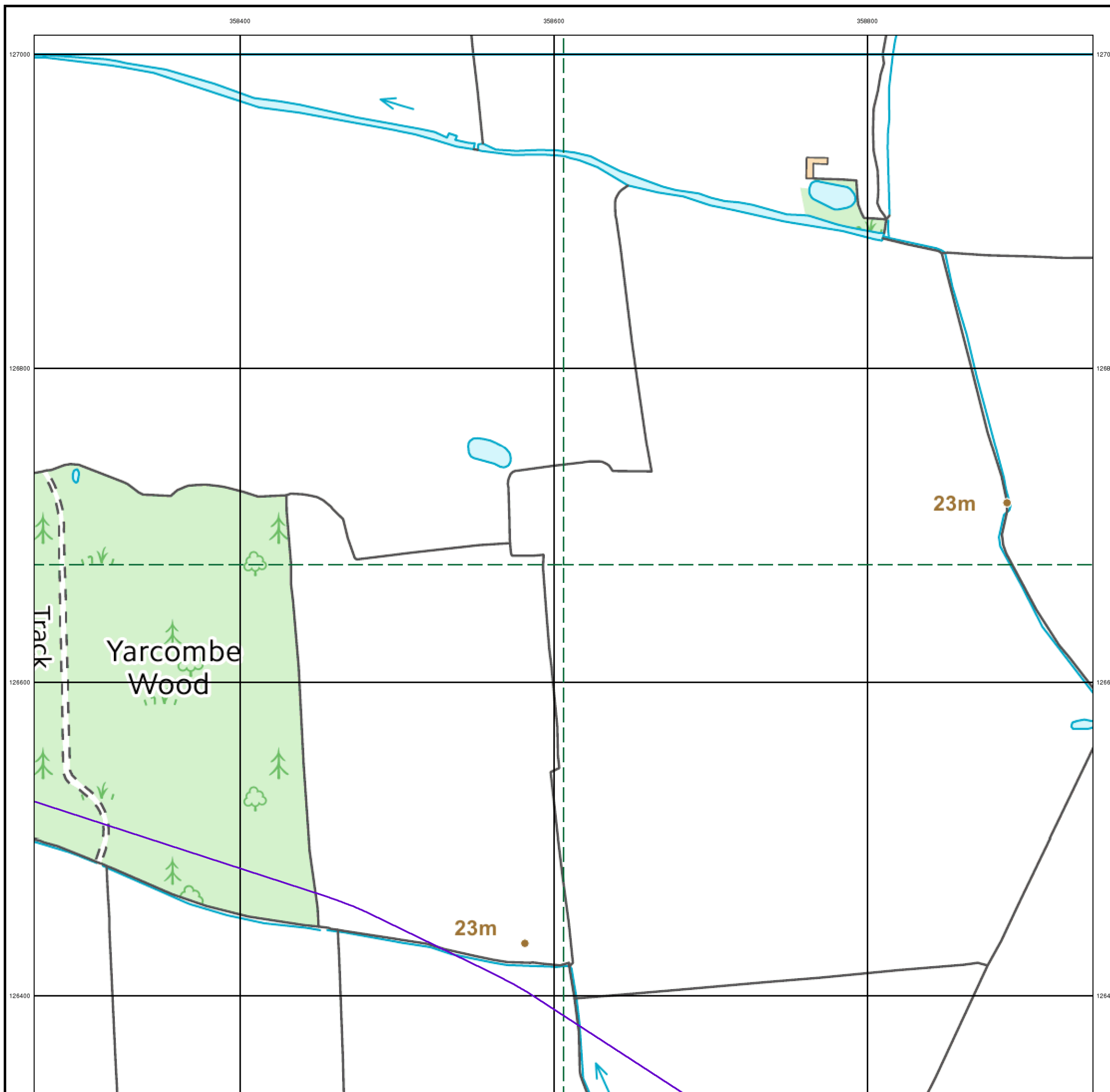


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71

Site Details

Site at, Sparkford, Somerset



Historical Mapping Legends

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

Quarry **Gravel Pit** **Sand Pit**
Clay Pit **Shingle** **Refuse Heap**
Sloping Masonry **Flat Rock**
Marsh **Reeds** **Osiers**
Rough Pasture **Furze** **Wood**
Mixed Wood **Brushwood** **Orchard**
Fir **Ford** **Stepping Stones**
Ferry **Waterfall** **Lock**
Trig. Station **Altitude at Trig. Station**
B.M. 325.9 **Bench Mark** **Surface Level**
Arrow denotes flow of water **Antiquities (site of)**
Cutting **Embankment**
Railway crossing Road **Level Crossing** **Road crossing Railway**
Railway crossing River or Canal **Road over single stream** **Road over River or Canal**
County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
County Borough Boundary (England)
County Burgh Boundary (Scotland)
Co. Boro. Bdy.
Co. Burgh Bdy.
BP BS Boundary Post or Stone **P.C.B** Police Call Box
B.R. Bridle Road **P** Pump
E.P Electricity Pylon **S.P** Signal Post
F.B. Foot Bridge **SL** Sluice
F.P. Foot Path **Sp.** Spring
G.P Guide Post or Board **T.C.B** Telephone Call Box
M.S Mile Stone **Tr.** Trough
M.P M.R Mooring Post or Ring **W** Well

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

Inactive Quarry, Chalk Pit or Clay Pit **Active Quarry, Chalk Pit or Clay Pit**
Rock **Boulders**
Cliff **Slopes** **Top**
Roofed Building **Glazed Roof Building**
Sloping Masonry **Archway**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Bench Mark** **Antiquity (site of)**
Cave Entrance **Triangulation Station** **Electricity Pylon**
Electricity Transmission Line
County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
London Borough Boundary
Symbol marking point where boundary mereing changes
BH Beer House **P** Pillar, Pole or Post
BP, BS Boundary Post or Stone **PO** Post Office
Cn, C Capstan, Crane **PC** Public Convenience
Chy Chimney **PH** Public House
D Fn Drinking Fountain **Pp** Pump
EI P Electricity Pillar or Post **SB, S Br** Signal Box or Bridge
FAP Fire Alarm Pillar **SP, SL** Signal Post or Light
FB Foot Bridge **Spr** Spring
GP Guide Post **Tk** Tank or Track
H Hydrant or Hydraulic **TCB** Telephone Call Box
LC Level Crossing **TCP** Telephone Call Post
MH Manhole **Tr** Trough
MP Mile Post or Mooring Post **Wr Pt, Wr T** Water Point, Water Tap
MS Mile Stone **W** Well
NTL Normal Tidal Limit **Wd Pp** Wind Pump

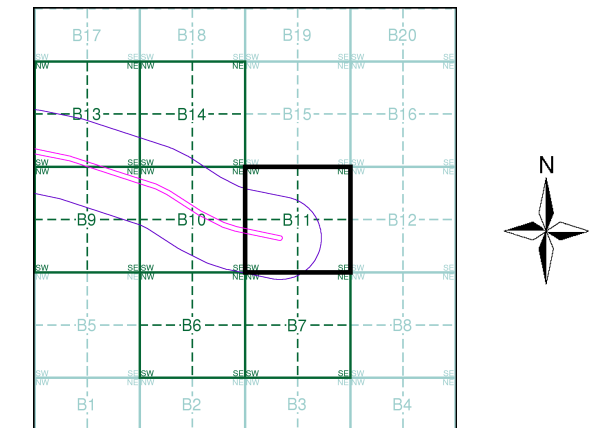
Large-Scale National Grid Data 1:2,500 and 1:1,250

Cliff **Slopes** **Top**
Rock **Rock (scattered)**
Boulders **Boulders (scattered)**
Positioned Boulder **Scree**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Triangulation Station** **Antiquity (site of)**
Electricity Transmission Line **Electricity Pylon**
B.M. 231.60m Bench Mark **Buildings with Building Seed**
Roofed Building **Glazed Roof Building**
Civil parish/community boundary
District boundary
County boundary
Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)
Bks Barracks **P** Pillar, Pole or Post
Bty Battery **PO** Post Office
Cemy Cemetery **PC** Public Convenience
Chy Chimney **Pp** Pump
Cis Cistern **Ppg Sta** Pumping Station
Dismtd Rly Dismantled Railway **PW** Place of Worship
EI Gen Sta Electricity Generating Station **Sewage Ppg Sta** Sewage Pumping Station
EI P Electricity Pole, Pillar **SB, S Br** Signal Box or Bridge
EI Sub Sta Electricity Sub Station **SP, SL** Signal Post or Light
FB Filter Bed **Spr** Spring
Fn / D Fn Fountain / Drinking Ftn. **Tk** Tank or Track
Gas Gov Gas Valve Compound **Tr** Trough
GVC Gas Governor **Wd Pp** Wind Pump
GP Guide Post **Wr Pt, Wr T** Water Point, Water Tap
MH Manhole **Wks** Works (building or area)
MP, MS Mile Post or Mile Stone **W** Well

Grontmij
Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Somerset	1:2,500	1887	2
Somerset	1:2,500	1903	3
Ordnance Survey Plan	1:2,500	1975	4
Additional SIMs	1:2,500	1990	5
Large-Scale National Grid Data	1:2,500	1995	6
Large-Scale National Grid Data	1:2,500	1996	7

Historical Map - Segment B11



Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 250

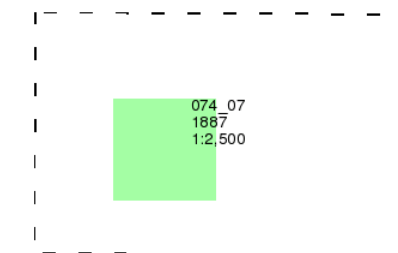
Site Details

Site at, Sparkford, Somerset

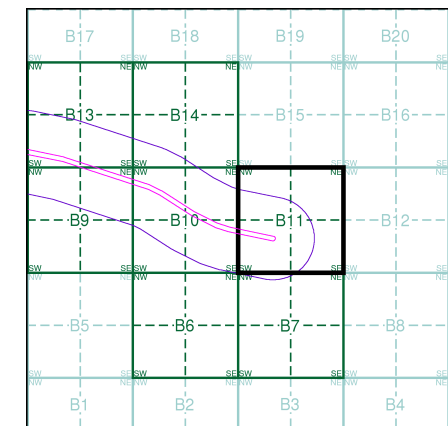
Landmark
 Information Group
 Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk

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

Map Name(s) and Date(s)



Historical Map - Segment B11

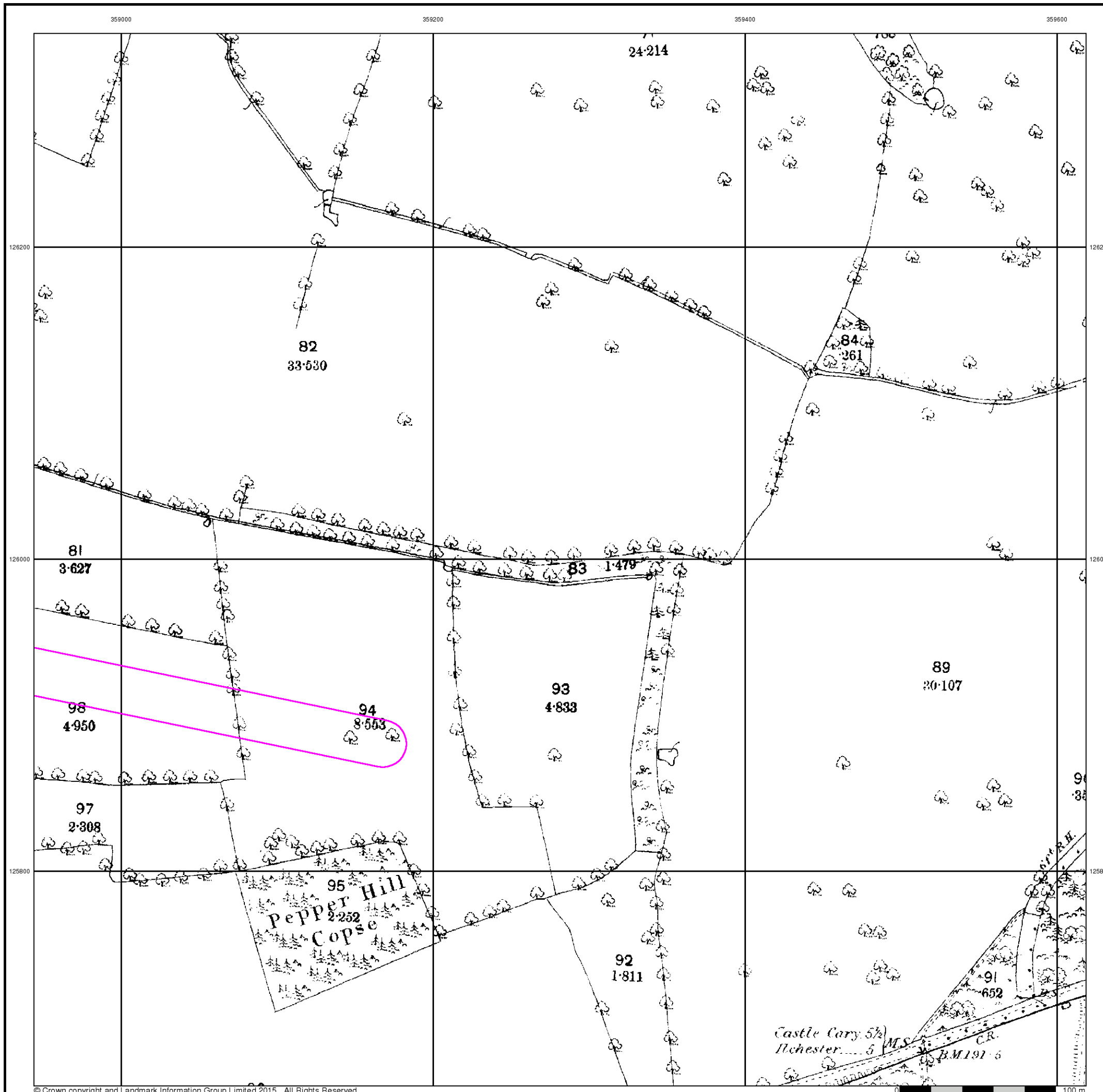


Order Details

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 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
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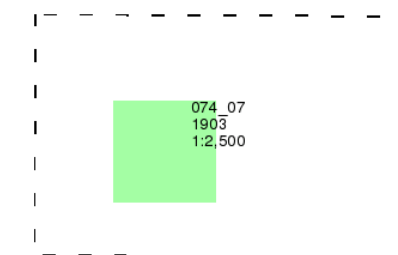
Site Details

Site at, Sparkford, Somerset

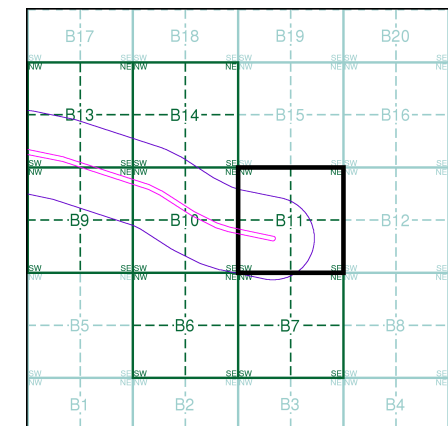


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain.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

Map Name(s) and Date(s)



Historical Map - Segment B11

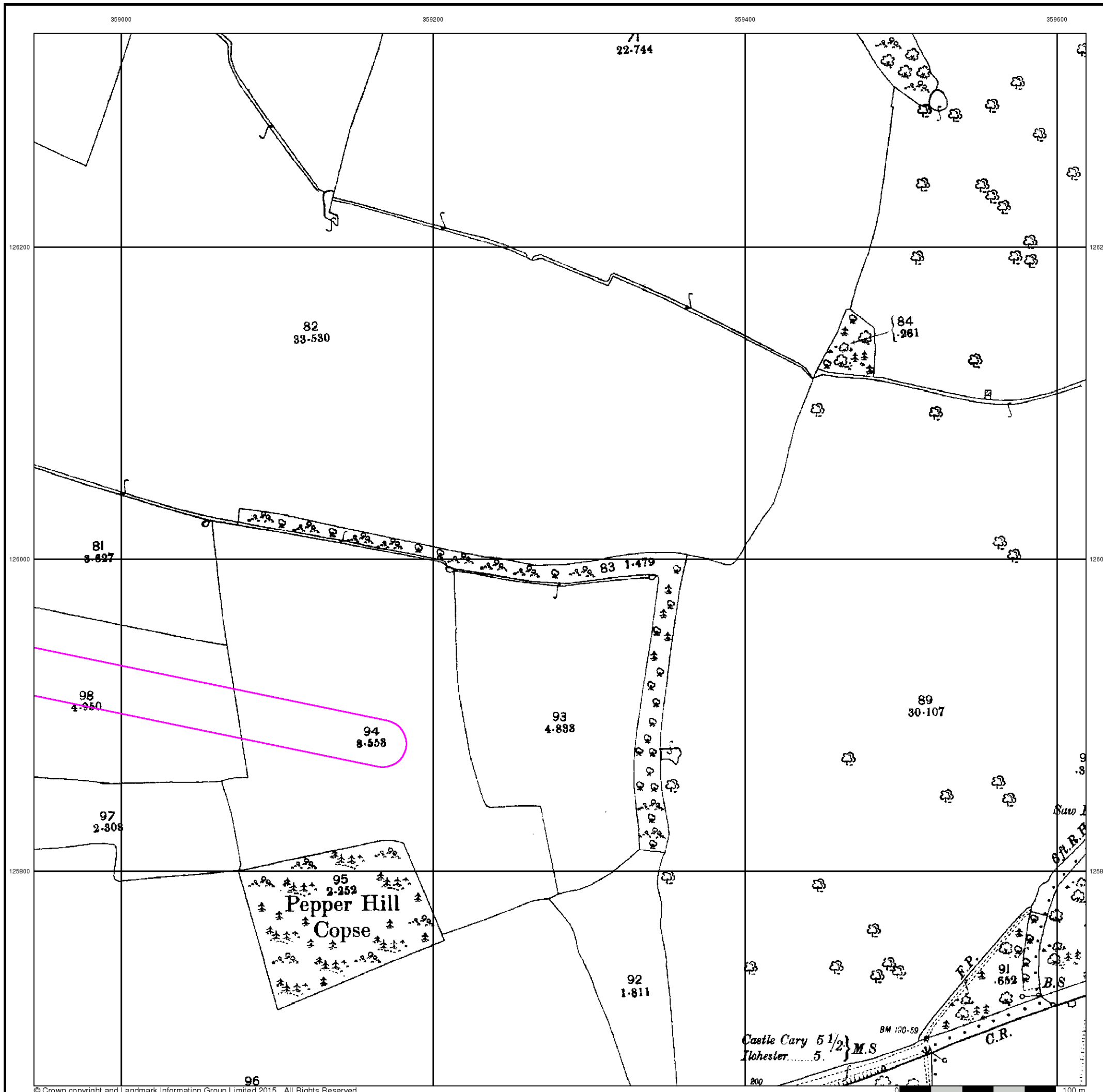


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset



Ordnance Survey Plan

Published 1975

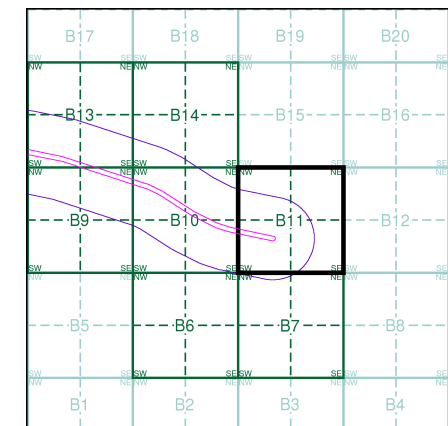
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

ST5826 1975 12,500	ST5926 1975 12,500
ST5825 1975 12,500	ST5925 1975 12,500

Historical Map - Segment B11

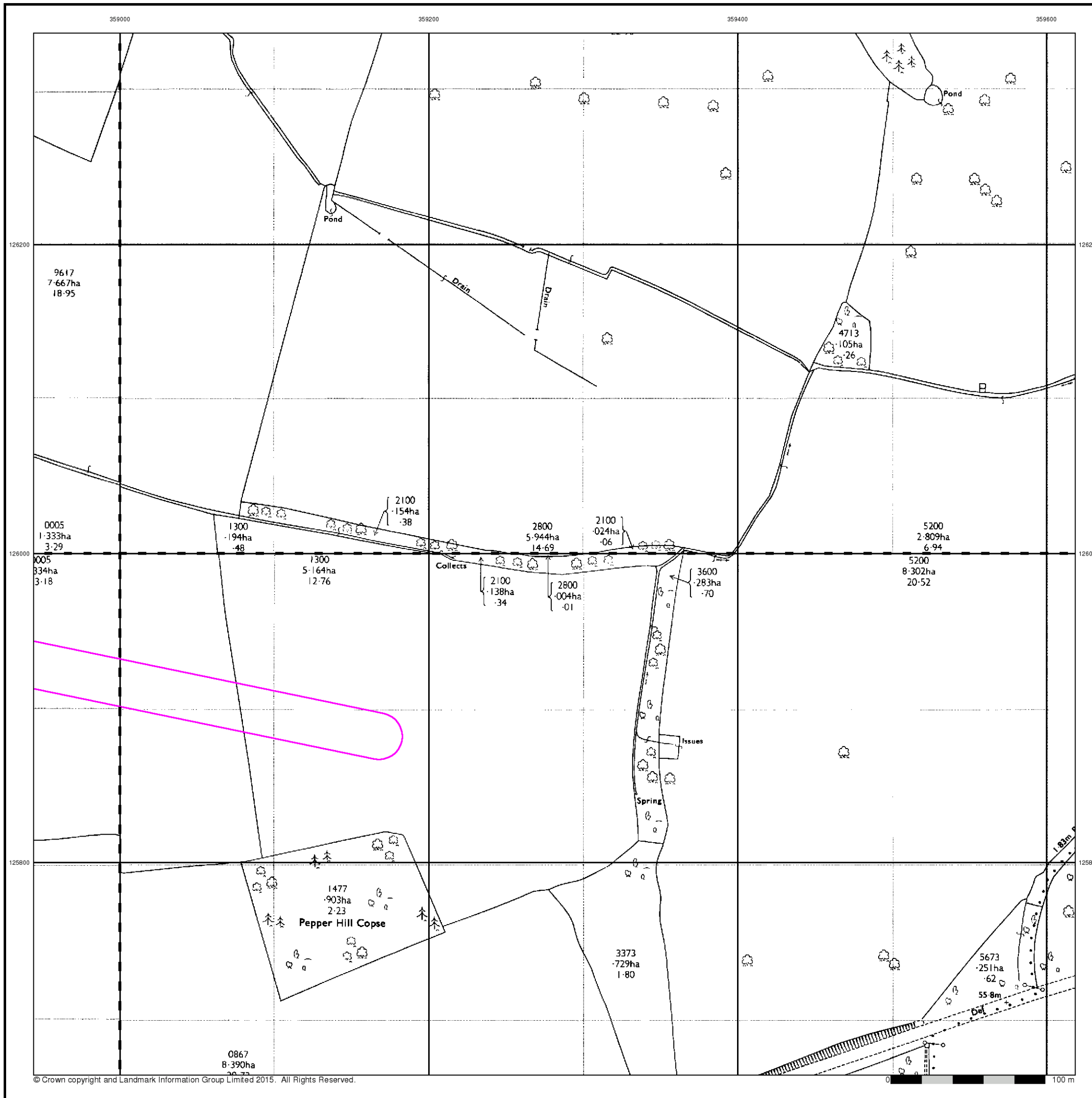


Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

Site at, Sparkford, Somerset



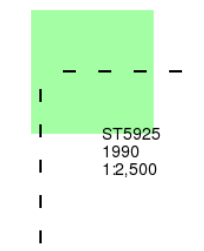
Additional SIMs

Published 1990

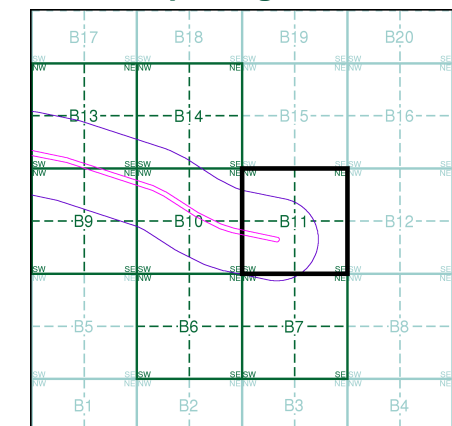
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment B11

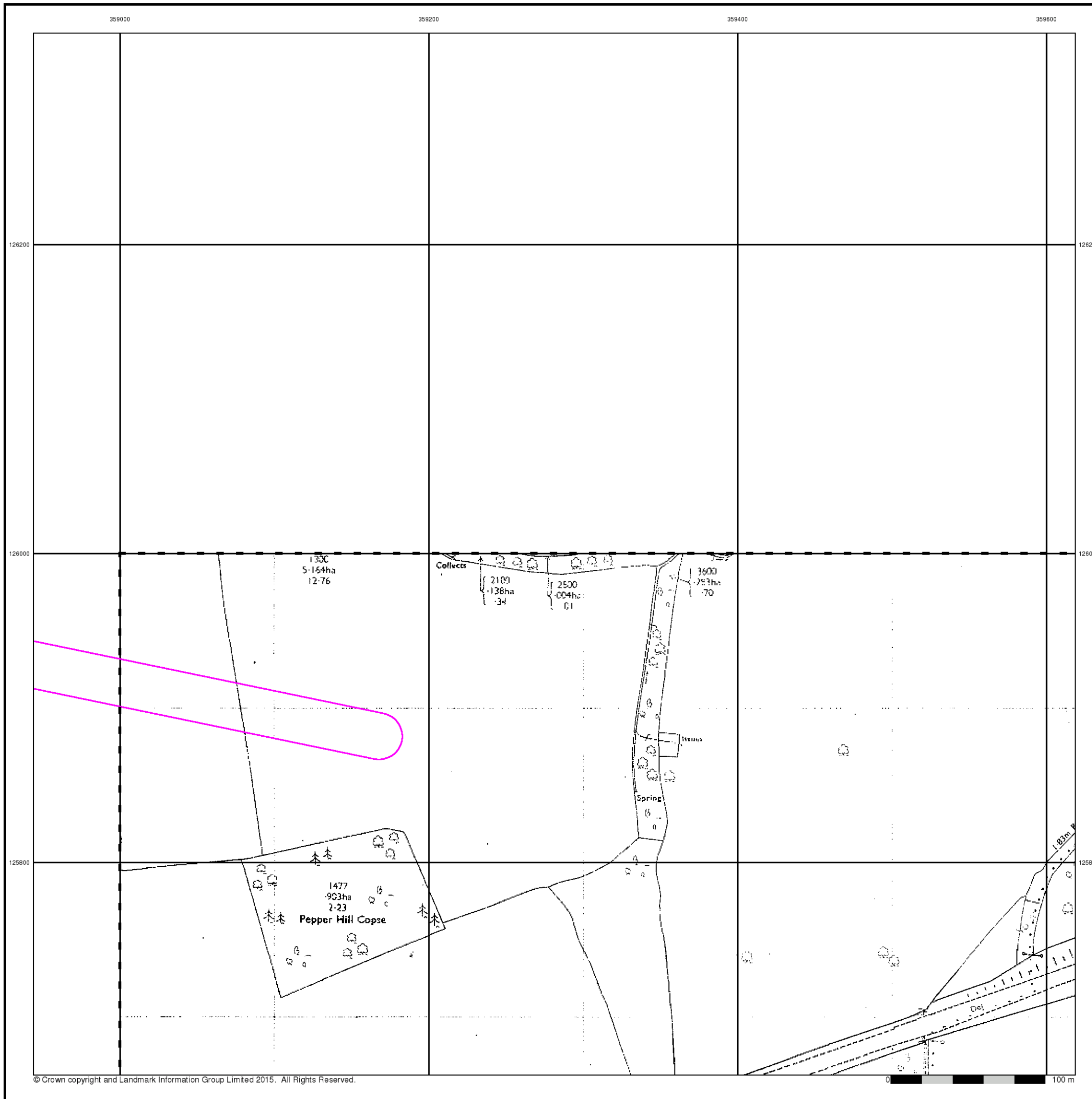


Order Details

Order Number: 79579301_1_1
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 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

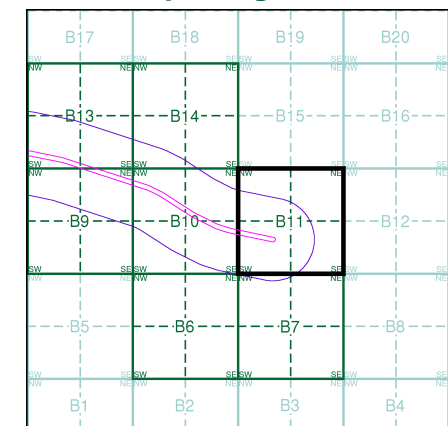
Site at, Sparkford, Somerset



Map Name(s) and Date(s)

ST5826 1995 1:2,500	ST5926 1995 1:2,500
ST5825 1995 1:2,500	ST5925 1995 1:2,500

Historical Map - Segment B11

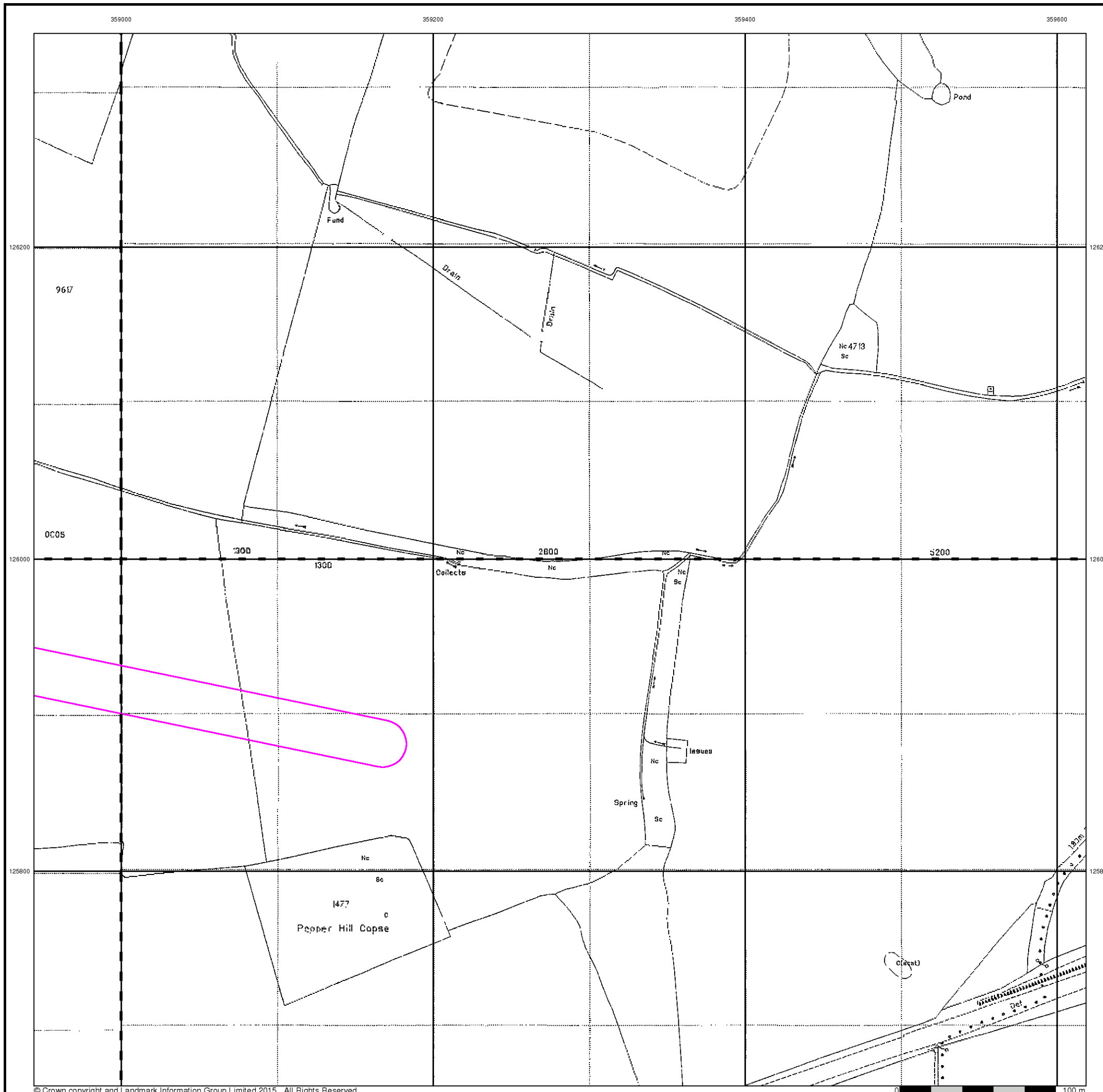


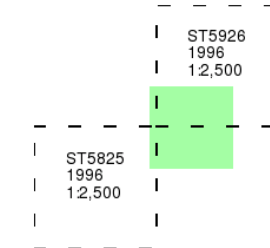
Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 250

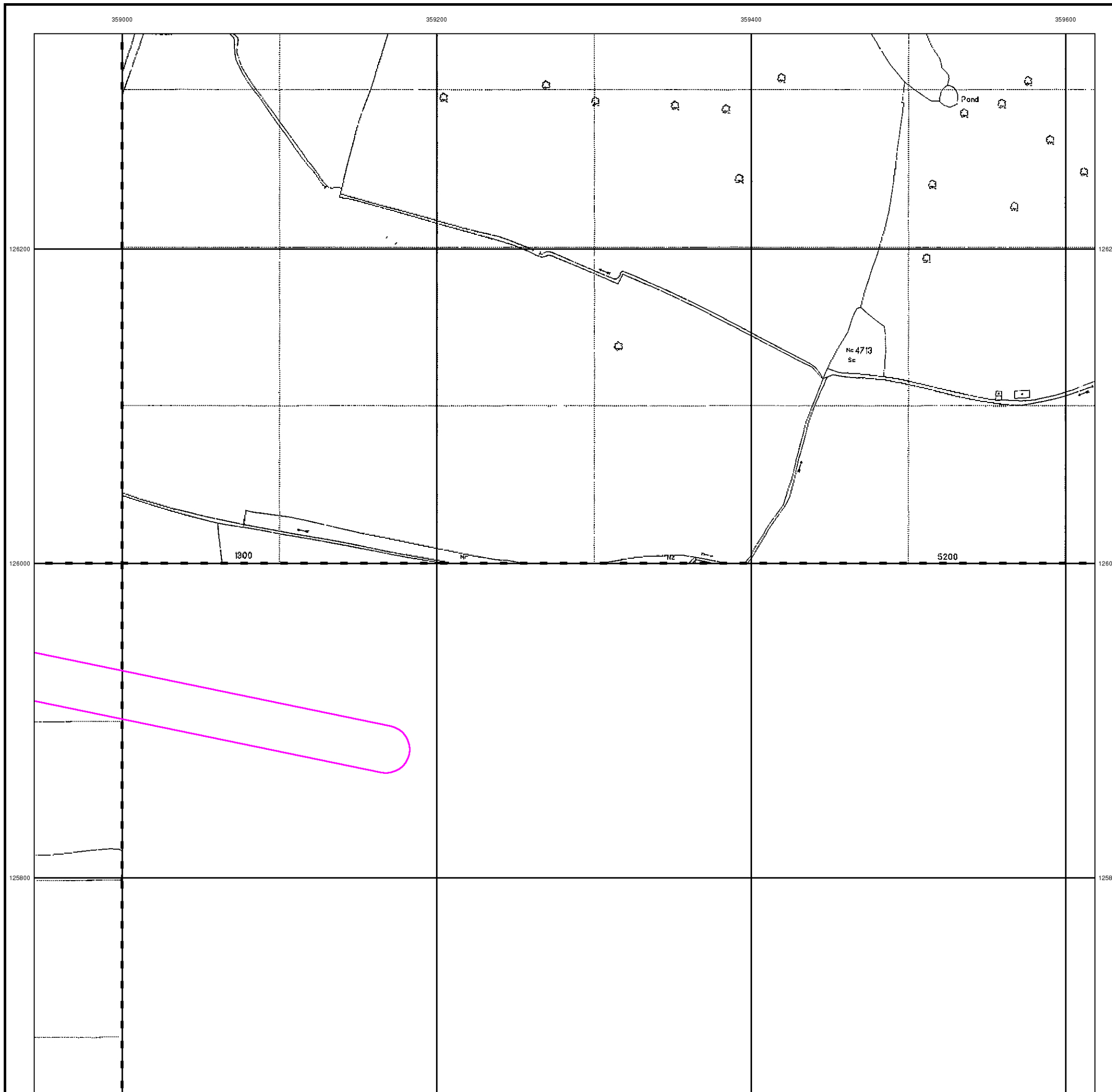
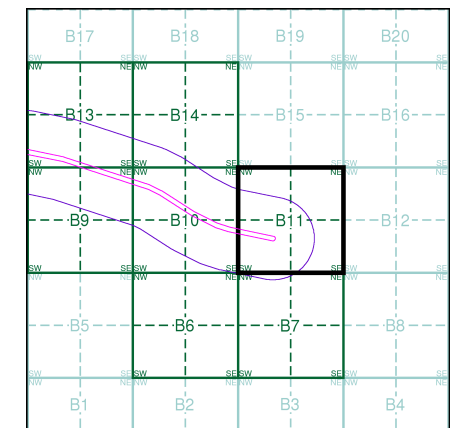
Site Details

Site at, Sparkford, Somerset





Historical Map - Segment B11



Order Details

Order Number: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 250

Site Details

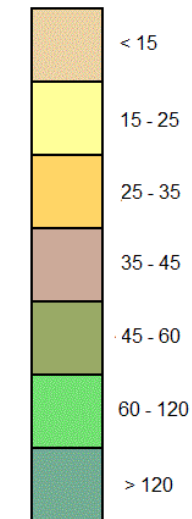
Site at, Sparkford, Somerset

General

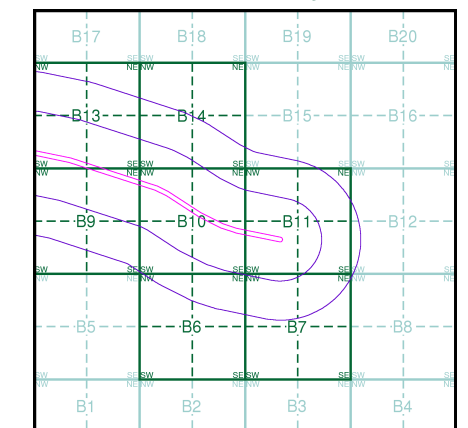
- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg



Estimated Soil Chemistry Arsenic - Slice B

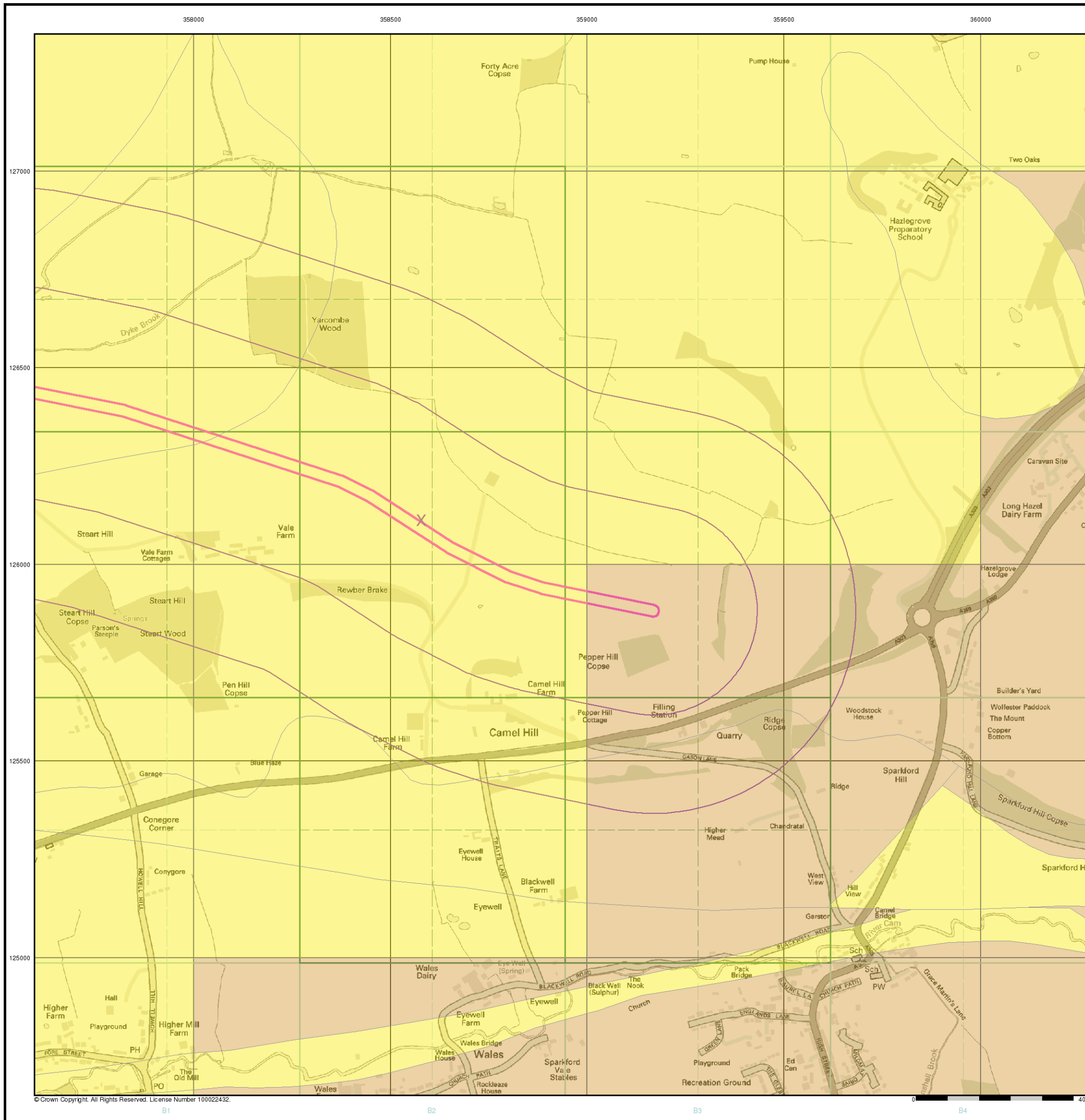


Order Details

Order Details: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 500

Site Details

Site at, Sparkford, Somerset



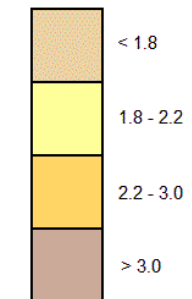
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General

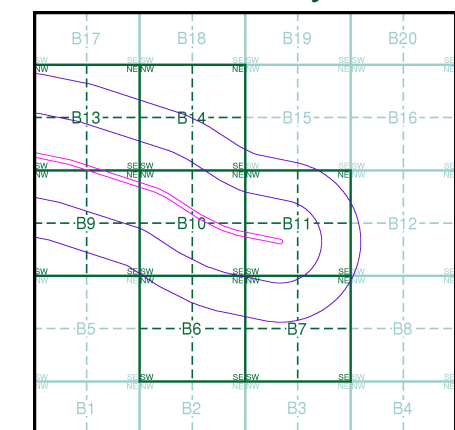
- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg



Estimated Soil Chemistry Cadmium - Slice B

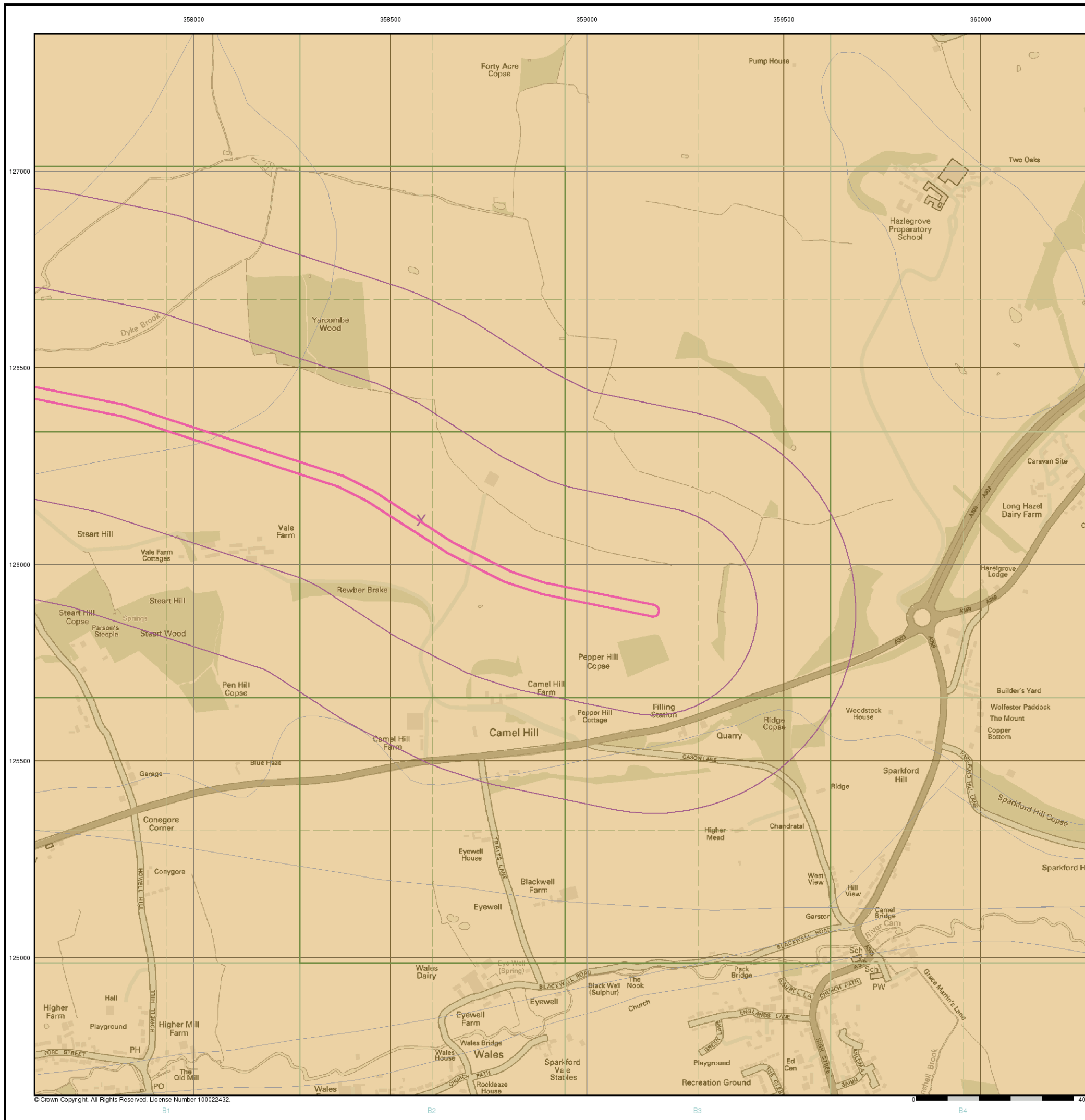


Order Details

Order Details: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 500

Site Details

Site at, Sparkford, Somerset

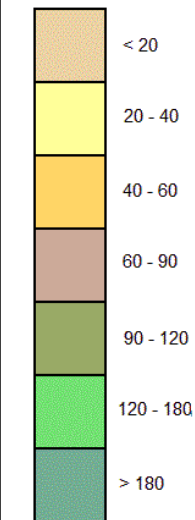


General

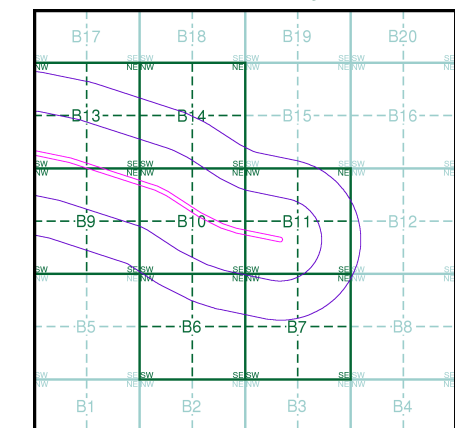
-  Specified Site
-  Specified Buffer(s)
-  Bearing Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg



Estimated Soil Chemistry Chromium - Slice B

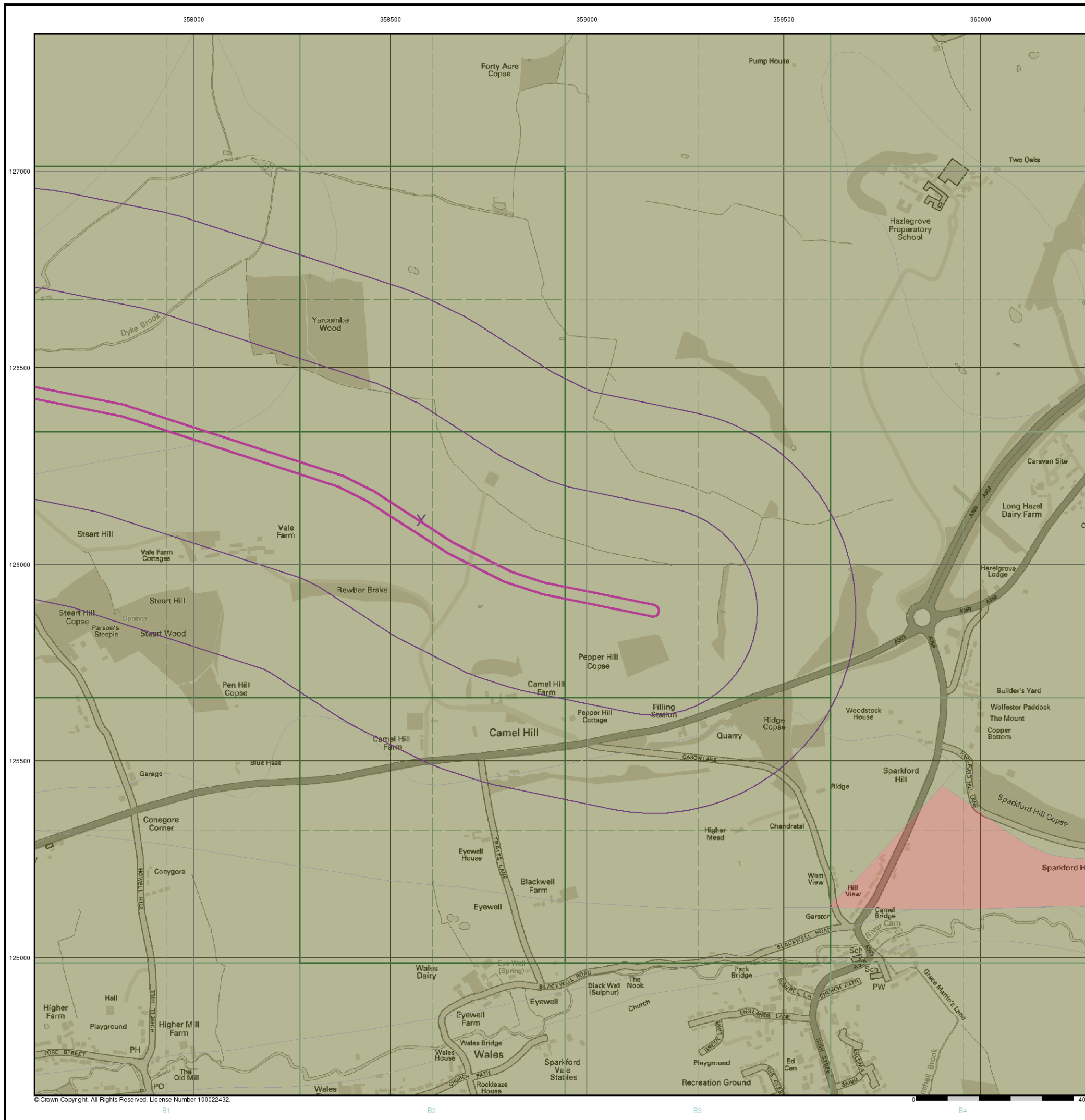


Order Details

Order Details: 79579301_1_1
 Customer Ref: A303 Option F1
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 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 500

Site Details

Site at, Sparkford, Somerset

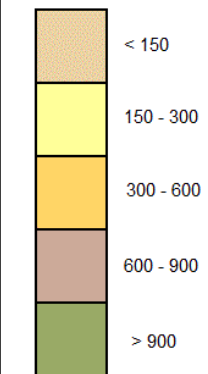


General

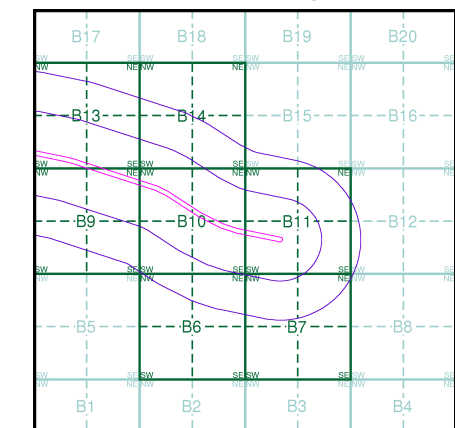
- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg



Estimated Soil Chemistry Lead - Slice B

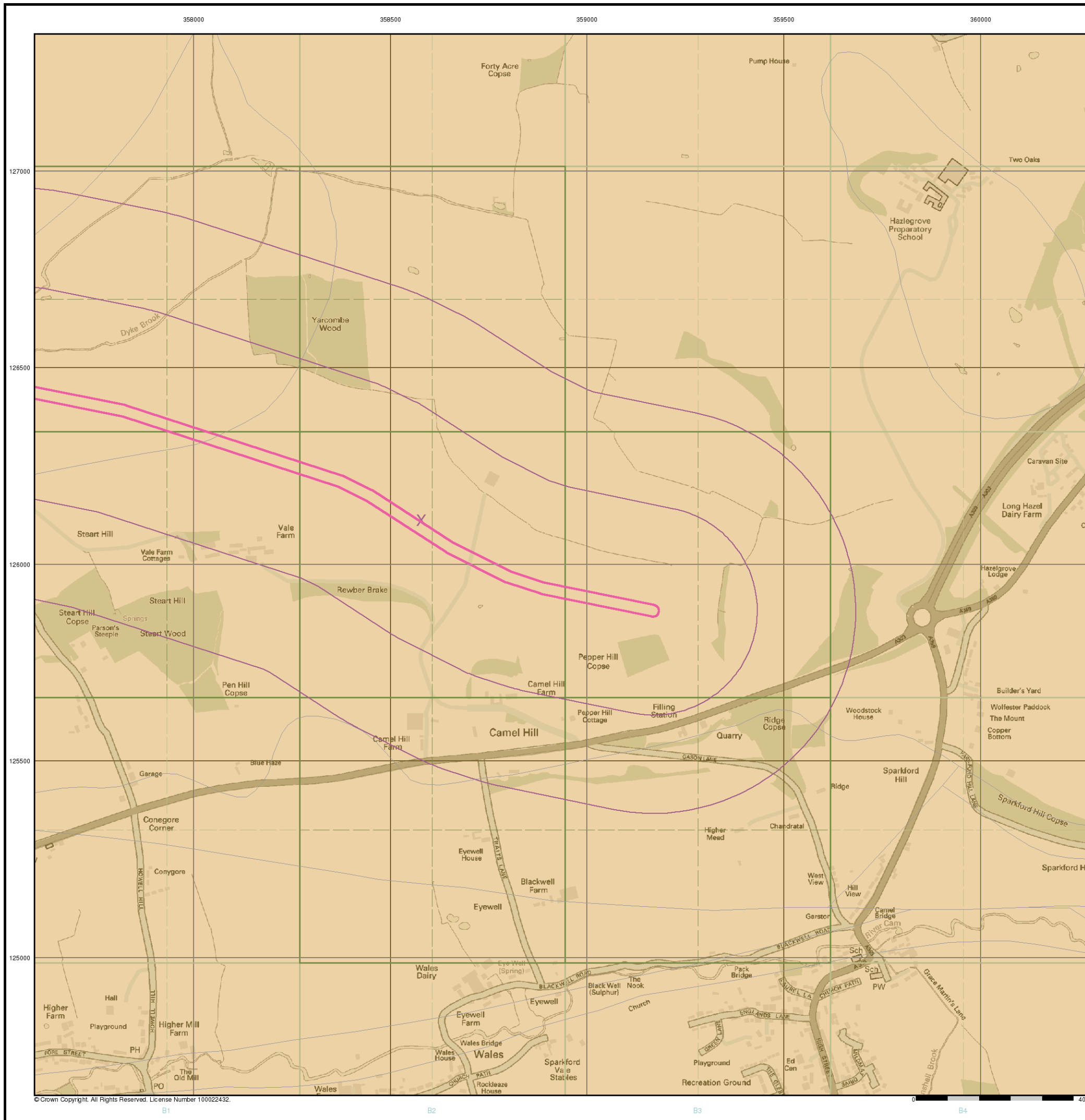


Order Details

Order Details: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 500

Site Details

Site at, Sparkford, Somerset



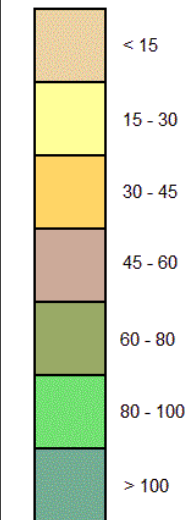
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General

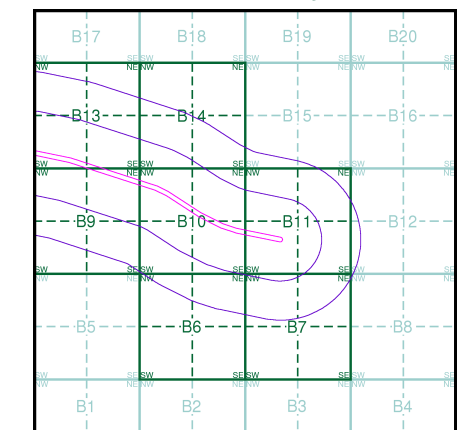
○ Specified Site
 ○ Specified Buffer(s)
 X Bearing Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg



Estimated Soil Chemistry Nickel - Slice B

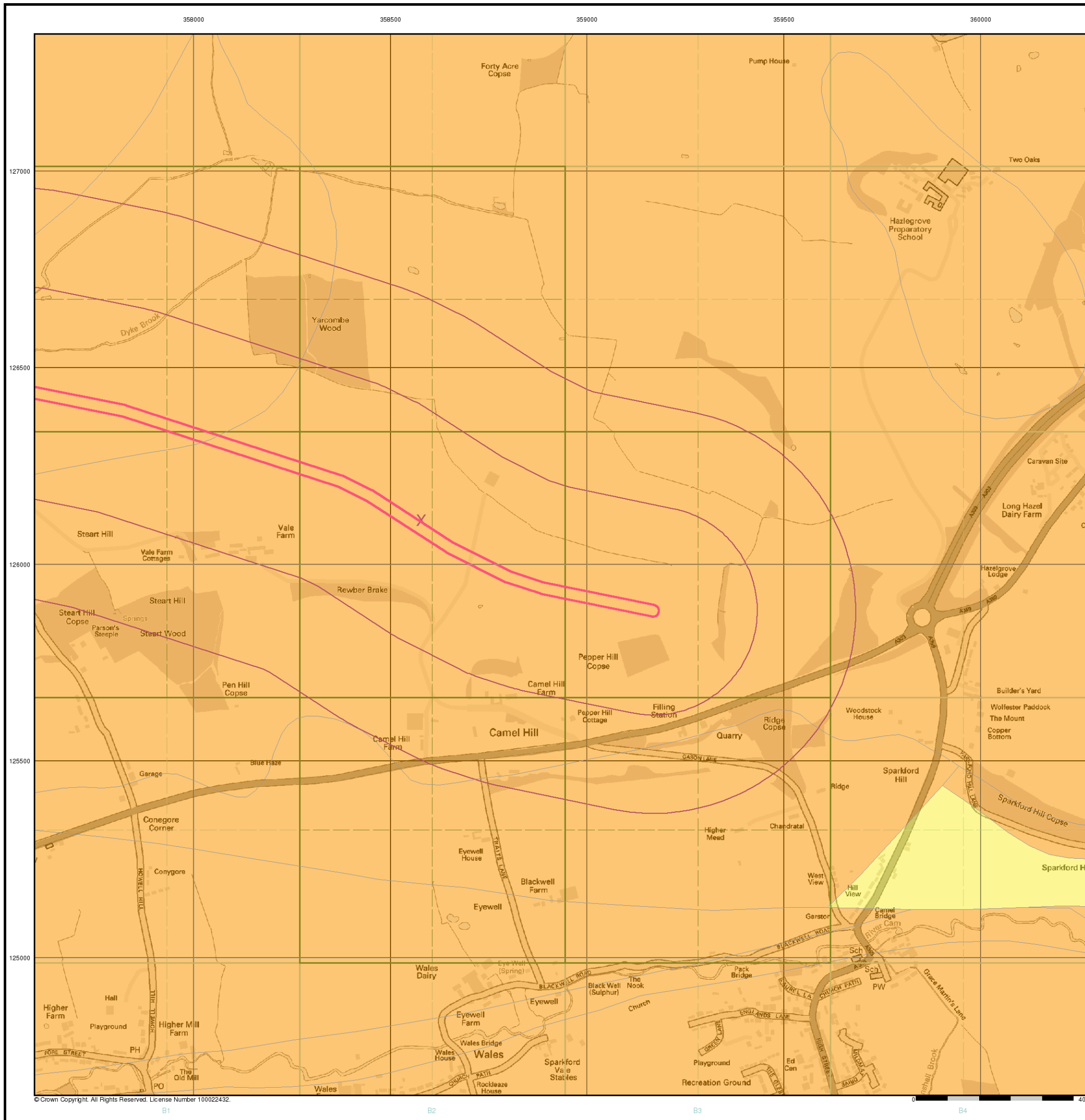


Order Details

Order Details: 79579301_1_1
 Customer Ref: A303 Option F1
 National Grid Reference: 358580, 126110
 Slice: B
 Site Area (Ha): 10.71
 Search Buffer (m): 500

Site Details

Site at, Sparkford, Somerset



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Index Map

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

Slice

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

Segment

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

Quadrant

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

A selection of organisations who provide data within this report:



Envirocheck reports are compiled from 136 different sources of data.

Client Details

Ms L Cottrell, Grontmij, Grove House, Mansion Gate Drive, Leeds, LS7 4DN

Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 357770, 125330
 Site Area (Ha): 21.47
 Search Buffer (m): 1000

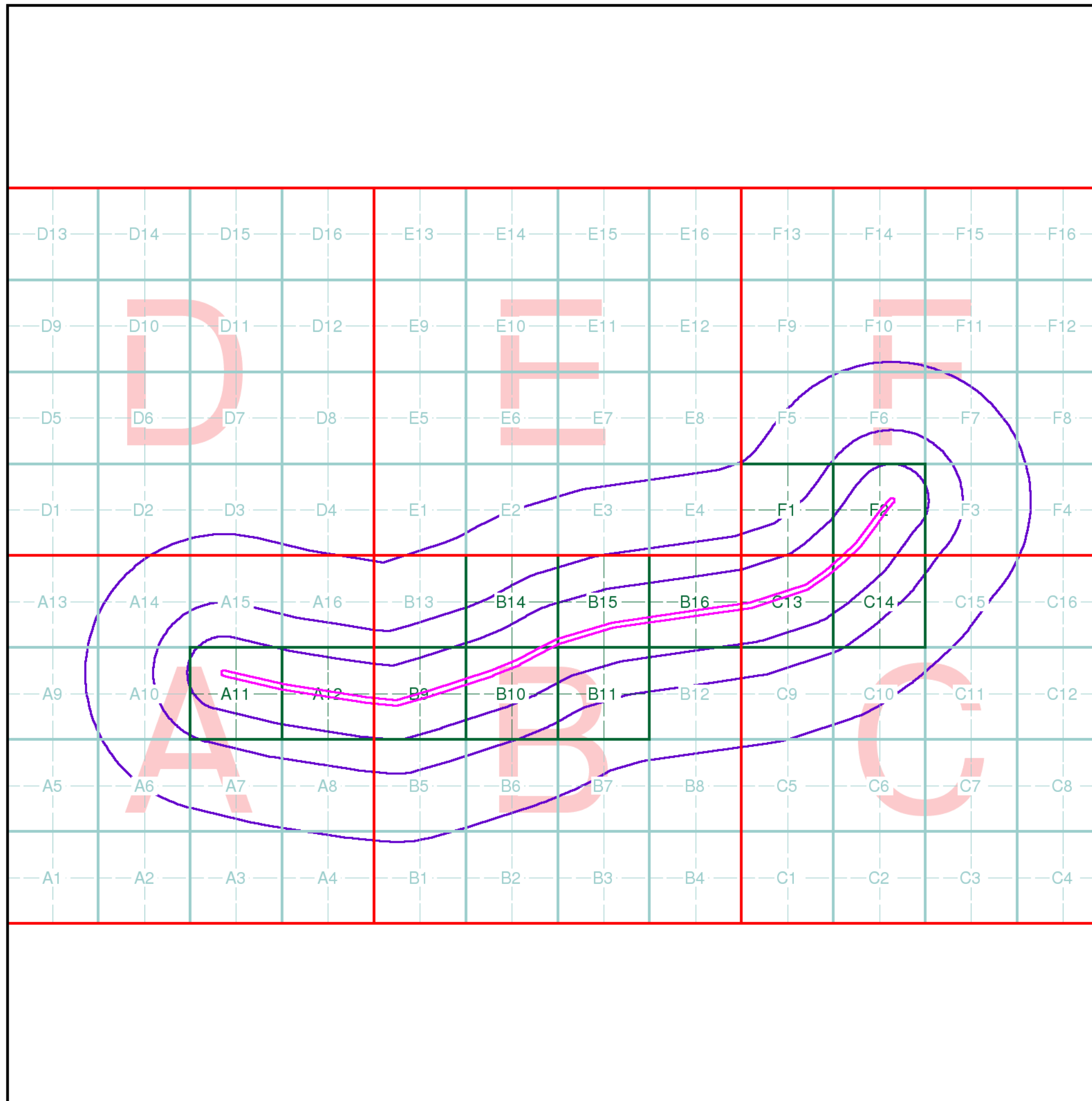
Site Details

Site at, Sparkford, Somerset

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



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



Historical Mapping Legends

Ordnance Survey County Series 1:10,560

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

Ordnance Survey Plan 1:10,000

	Chalk Pit, Clay Pit or Quarry		Gravel Pit
	Sand Pit		Disused Pit or Quarry
	Refuse or Slag Heap		Lake, Loch or Pond
	Dunes		Boulders
	Coniferous Trees		Non-Coniferous Trees
	Orchard		Scrub
	Coppice		Bracken
	Heath		Rough Grassland
	Marsh		Reeds
	Saltings		
	Building		Glasshouse
	Sloping Masonry		Pylon
	Electricity Transmission Line		Pole
	Cutting		Embankment
	Standard Gauge Multiple Track		Standard Gauge Single Track
	Siding, Tramway or Mineral Line		Narrow Gauge
	Geographical County		
	Administrative County, County Borough or County of City		
	Municipal Borough, Urban or Rural District, Burgh or District Council		
	Borough, Burgh or County Constituency Shown only when not coincident with other boundaries		
	Civil Parish Shown alternately when coincidence of boundaries occurs		
	BP, BS Boundary Post or Stone		Pol Sta Police Station
	Ch Church		PO Post Office
	CH Club House		PC Public Convenience
	F E Sta Fire Engine Station		PH Public House
	FB Foot Bridge		SB Signal Box
	Fn Fountain		Spr Spring
	GP Guide Post		TCB Telephone Call Box
	MP Mile Post		TCP Telephone Call Post
	MS Mile Stone		W Well

1:10,000 Raster Mapping

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

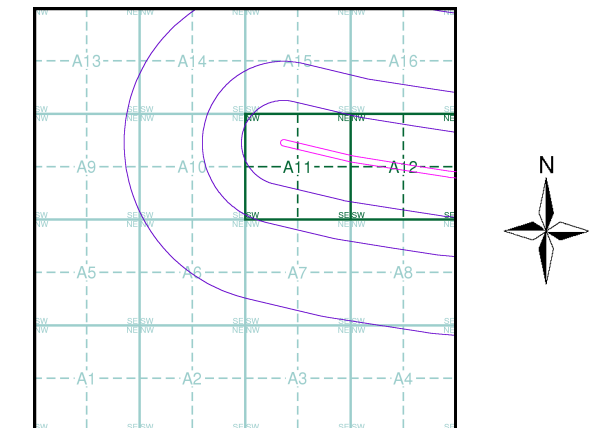


Grontmij

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Somerset	1:10,560	1886	2
Somerset	1:10,560	1904	3
Ordnance Survey Plan	1:10,000	1962	4
Ordnance Survey Plan	1:10,000	1980 - 1982	5
Ordnance Survey Plan	1:10,000	1991 - 1993	6
10K Raster Mapping	1:10,000	2006	7
VectorMap Local	1:10,000	2015	8

Historical Map - Slice A



Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 355350, 124950
 Slice: A
 Site Area (Ha): 21.47
 Search Buffer (m): 1000

Site Details

Site at, Sparkford, Somerset



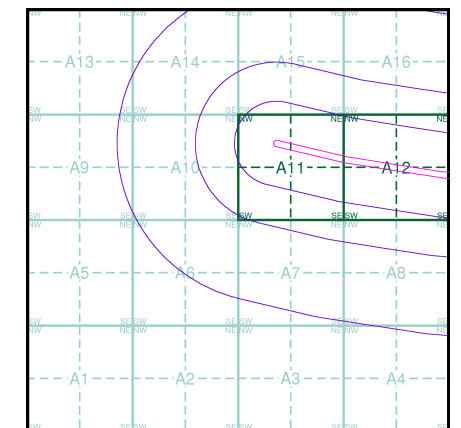
Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk

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

Map Name(s) and Date(s)

074NW	1886	1:10,560
074SW	1886	1:10,560

Historical Map - Slice A

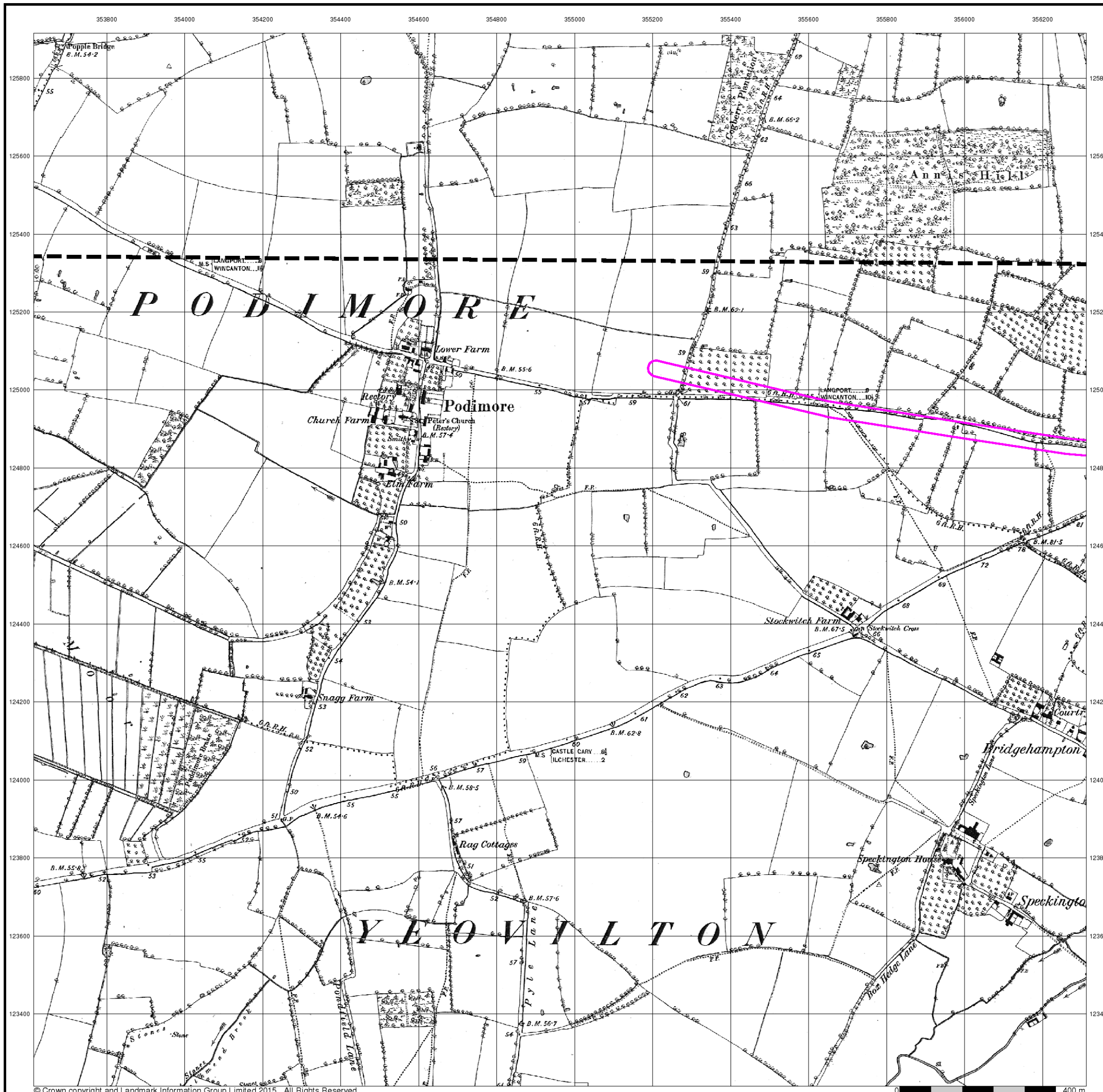


Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
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 Slice: A
 Site Area (Ha): 21.47
 Search Buffer (m): 1000

Site Details

Site at, Sparkford, Somerset

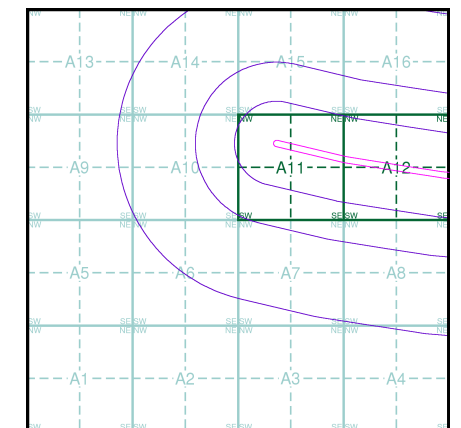


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some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

Map Name(s) and Date(s)

074NW	1904	1:10,560
074SW	1904	1:10,560

Historical Map - Slice A

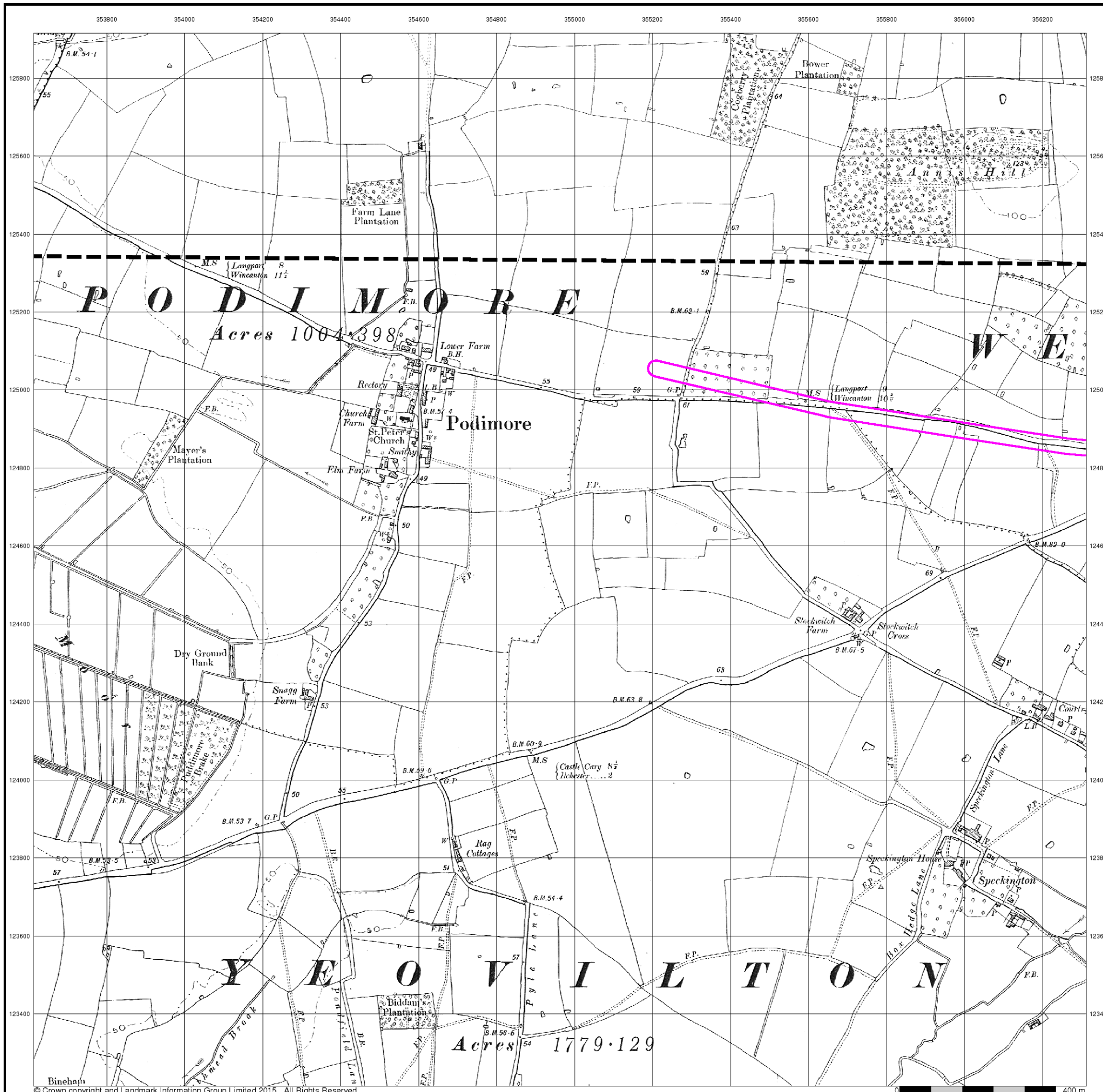


Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 355350, 124950
 Slice: A
 Site Area (Ha): 21.47
 Search Buffer (m): 1000

Site Details

Site at, Sparkford, Somerset



Ordnance Survey Plan

Published 1962

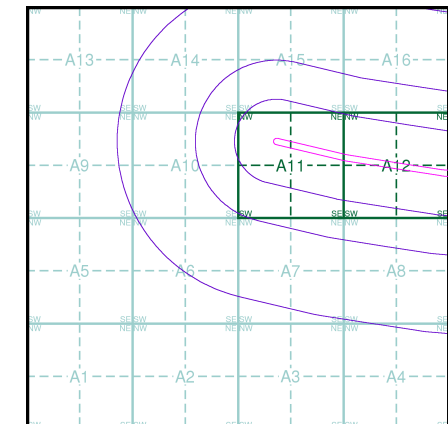
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

ST52NW	1962	1:10,560
ST52NE	1962	1:10,560
ST52SW	1962	1:10,560
ST52SE	1962	1:10,560

Historical Map - Slice A

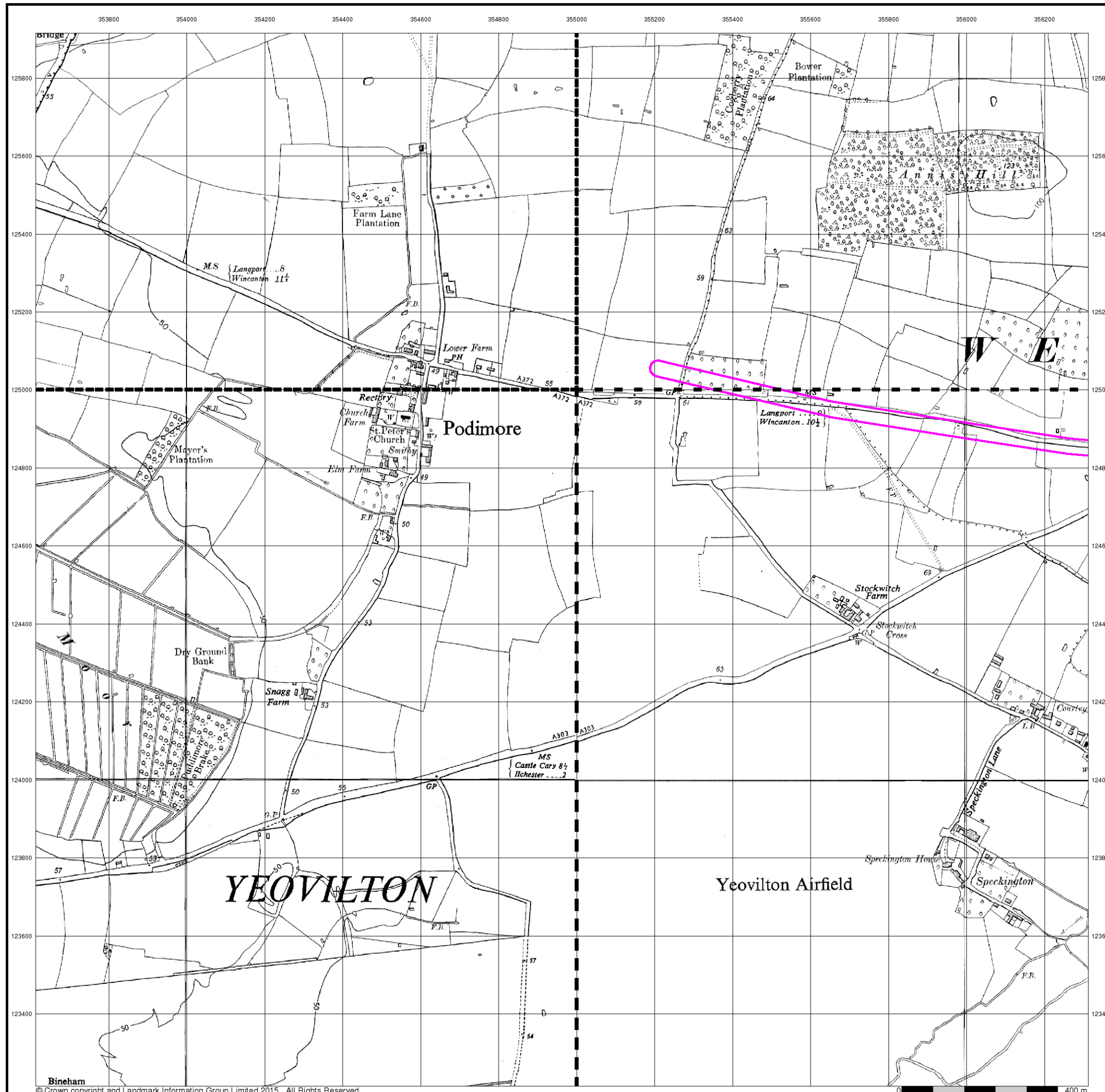


Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 355350, 124950
 Slice: A
 Site Area (Ha): 21.47
 Search Buffer (m): 1000

Site Details

Site at, Sparkford, Somerset



Ordnance Survey Plan

Published 1980 - 1982

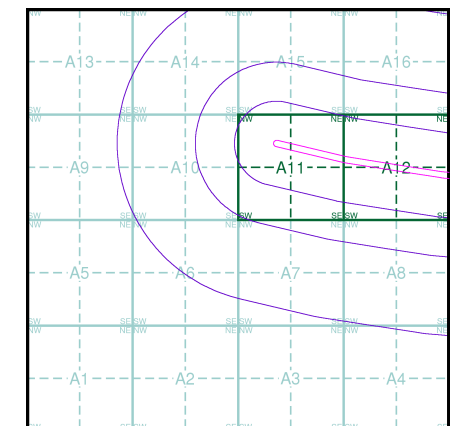
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

ST52NW	1980	1:10,000	ST52NE	1982	1:10,000
ST52SW	1980	1:10,000	ST52SE	1982	1:10,000

Historical Map - Slice A

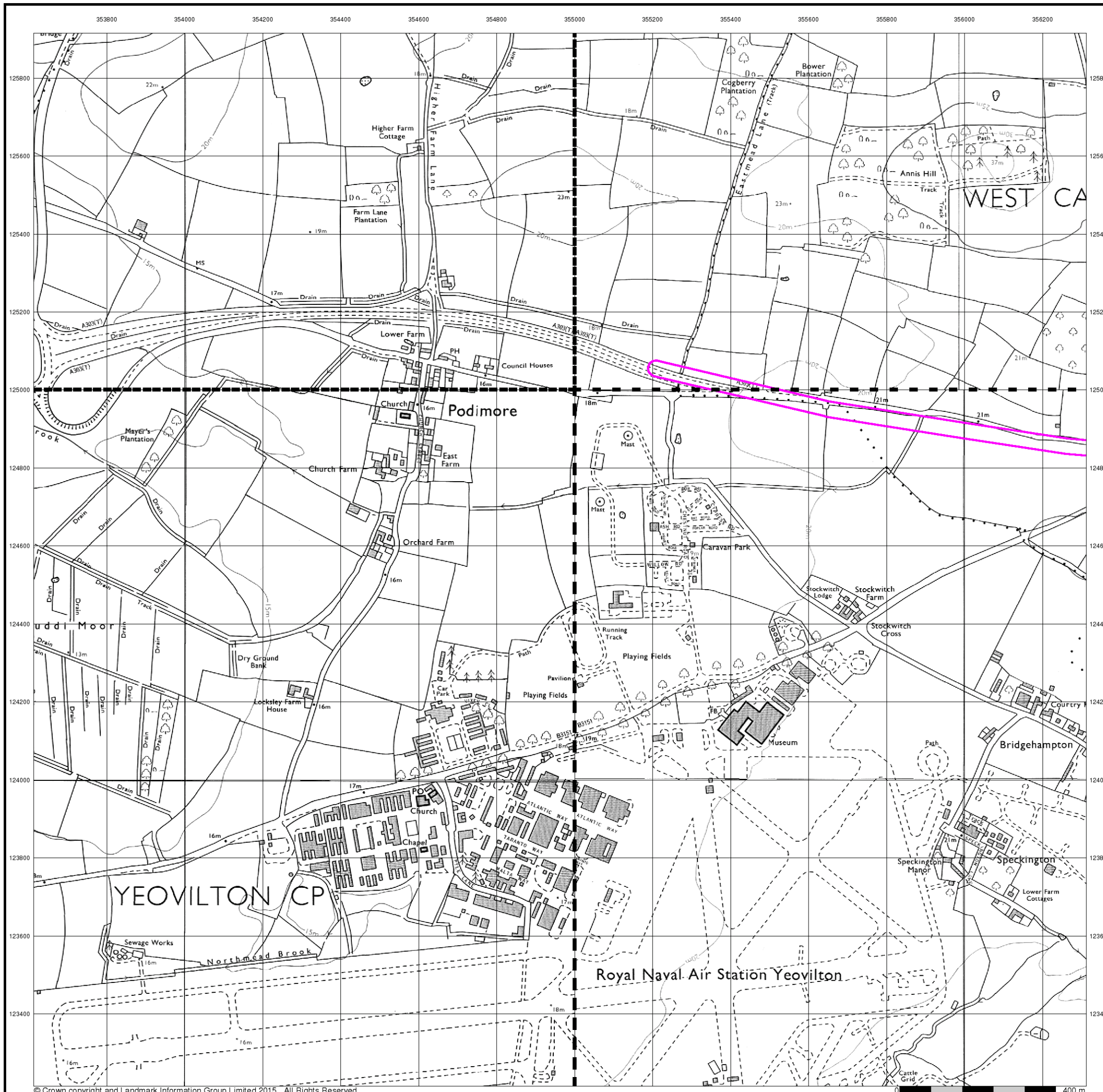


Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 355350, 124950
 Slice: A
 Site Area (Ha): 21.47
 Search Buffer (m): 1000

Site Details

Site at, Sparkford, Somerset



Ordnance Survey Plan

Published 1991 - 1993

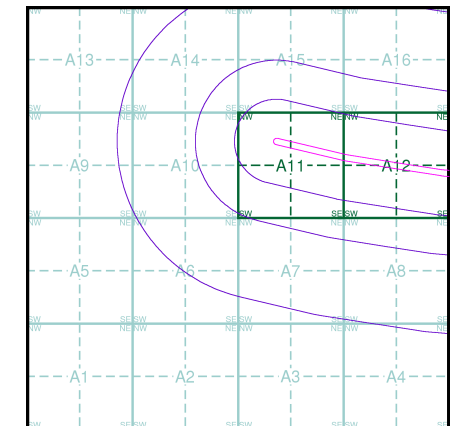
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

ST52NE	1991	1:10,000
ST52SW	1993	1:10,000

Historical Map - Slice A



Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 355350, 124950
 Slice: A
 Site Area (Ha): 21.47
 Search Buffer (m): 1000

Site Details

Site at, Sparkford, Somerset



10k Raster Mapping

Published 2006

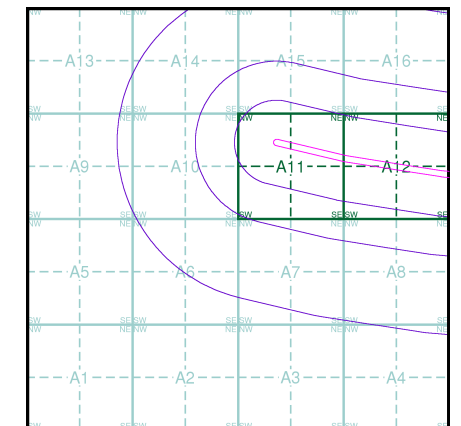
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

ST52NW	ST52NE
2006	2006
1:10,000	1:10,000
ST52SW	ST52SE
2006	2006
1:10,000	1:10,000

Historical Map - Slice A

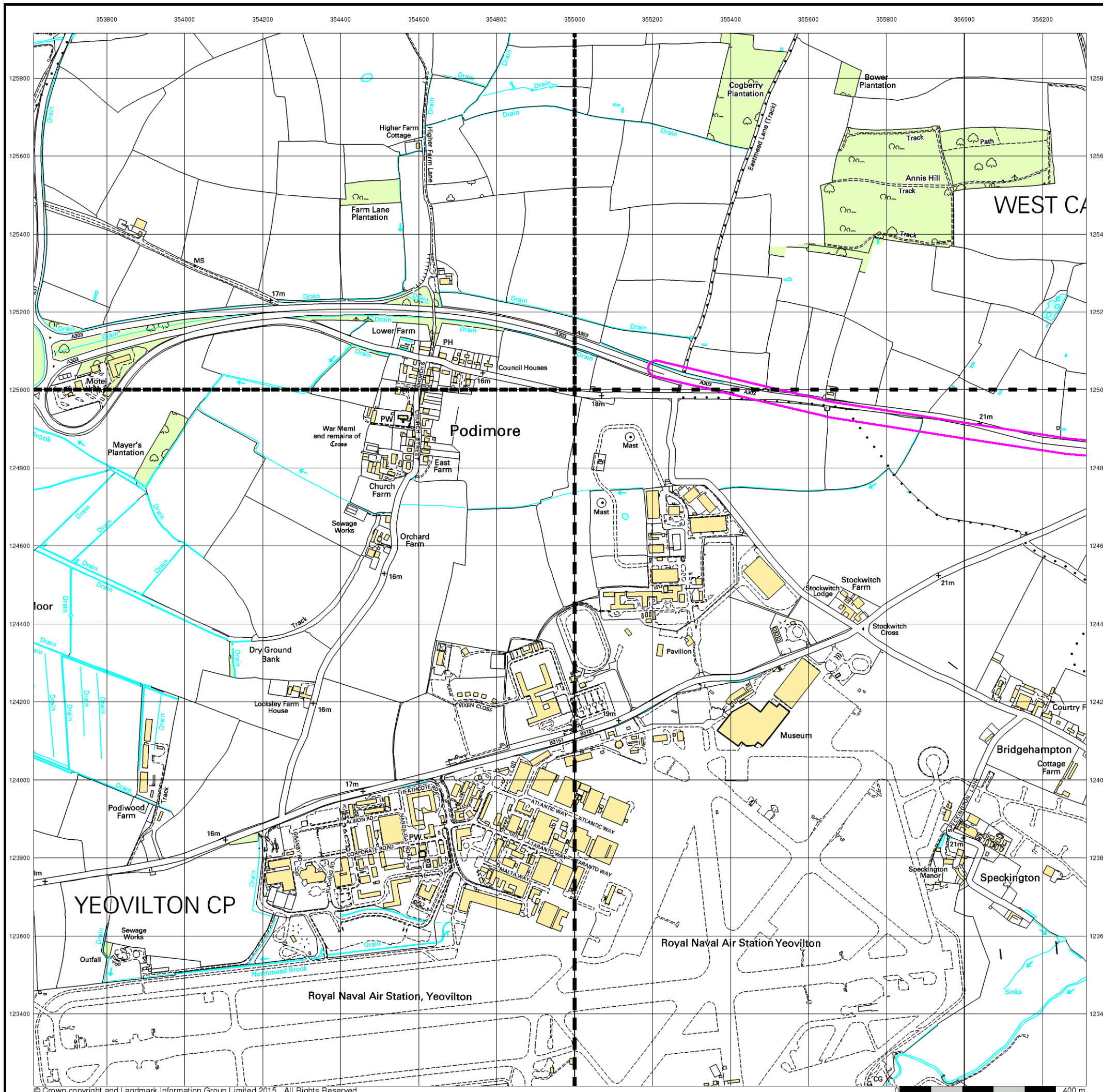


Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 355350, 124950
 Slice: A
 Site Area (Ha): 21.47
 Search Buffer (m): 1000

Site Details

Site at, Sparkford, Somerset

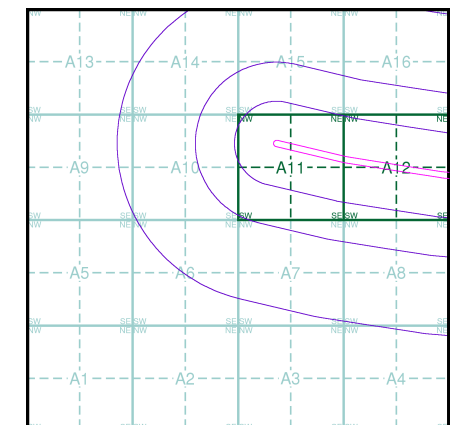


VectorMap Local (Raster) is Ordnance Survey's highest detailed 'backdrop' mapping product. These maps are produced from OS's VectorMap Local, a simple vector dataset at a nominal scale of 1:10,000, covering the whole of Great Britain, that has been designed for creating graphical mapping. OS VectorMap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

Map Name(s) and Date(s)

ST52NW	ST52NE
2015	2015
Variable	Variable
ST52SW	ST52SE
2015	2015
Variable	Variable

Historical Map - Slice A

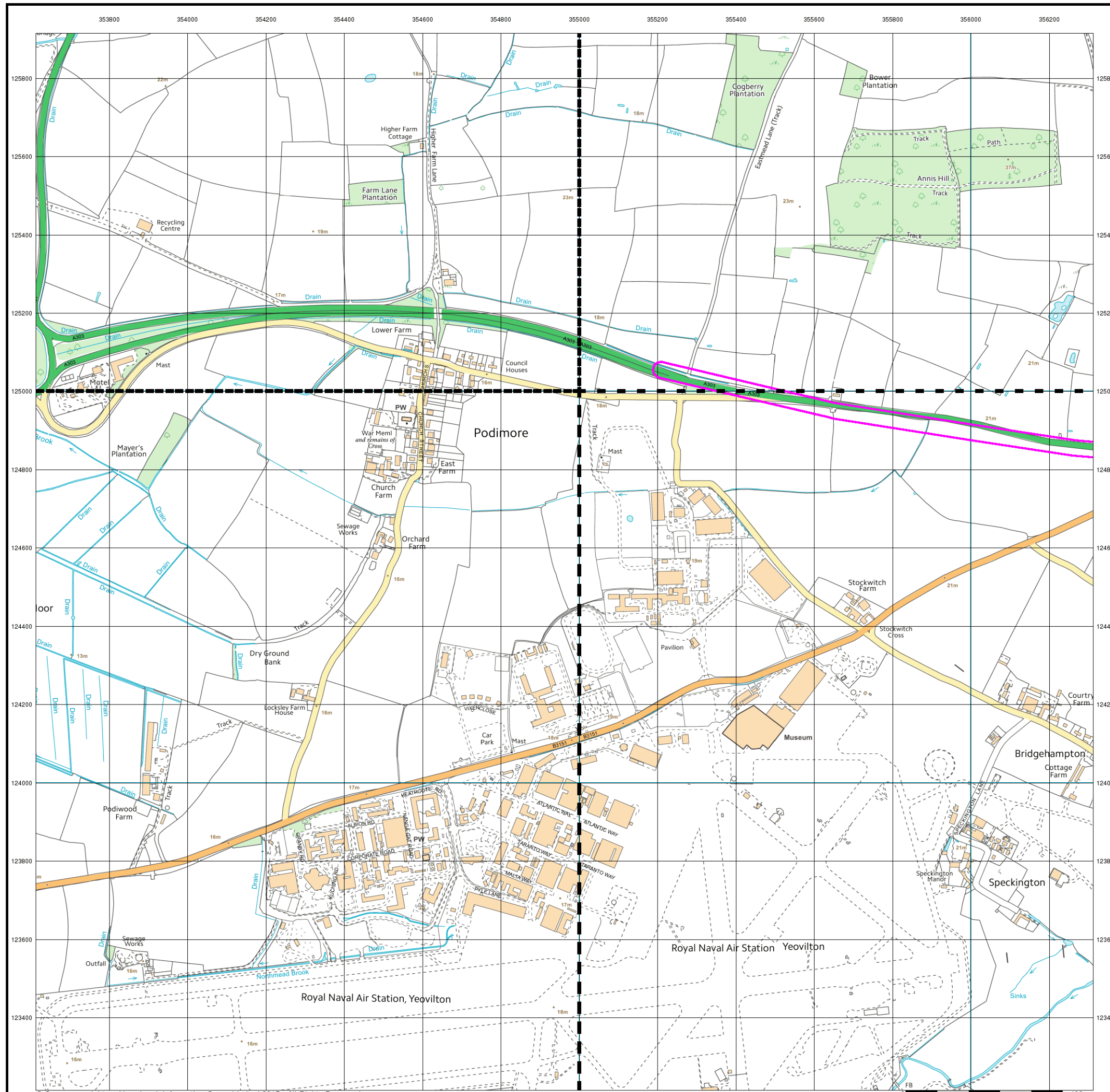


Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 355350, 124950
 Slice: A
 Site Area (Ha): 21.47
 Search Buffer (m): 1000

Site Details

Site at, Sparkford, Somerset



Historical Mapping Legends

Ordnance Survey County Series 1:10,560

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

Ordnance Survey Plan 1:10,000

	Chalk Pit, Clay Pit or Quarry		Gravel Pit
	Sand Pit		Disused Pit or Quarry
	Refuse or Slag Heap		Lake, Loch or Pond
	Dunes		Boulders
	Coniferous Trees		Non-Coniferous Trees
	Orchard		Scrub
	Coppice		Bracken
	Heath		Rough Grassland
	Marsh		Reeds
	Saltings		
	Building		Glasshouse
	Sloping Masonry		Pylon
	Electricity Transmission Line		Pole
	Cutting		Embankment
	Standard Gauge Multiple Track		Standard Gauge Single Track
	Siding, Tramway or Mineral Line		Narrow Gauge
	Geographical County		
	Administrative County, County Borough or County of City		
	Municipal Borough, Urban or Rural District, Burgh or District Council		
	Borough, Burgh or County Constituency Shown only when not coincident with other boundaries		
	Civil Parish Shown alternately when coincidence of boundaries occurs		
	BP, BS Boundary Post or Stone		Pol Sta Police Station
	Ch Church		PO Post Office
	CH Club House		PC Public Convenience
	F E Sta Fire Engine Station		PH Public House
	FB Foot Bridge		SB Signal Box
	Fn Fountain		Spr Spring
	GP Guide Post		TCB Telephone Call Box
	MP Mile Post		TCP Telephone Call Post
	MS Mile Stone		W Well

1:10,000 Raster Mapping

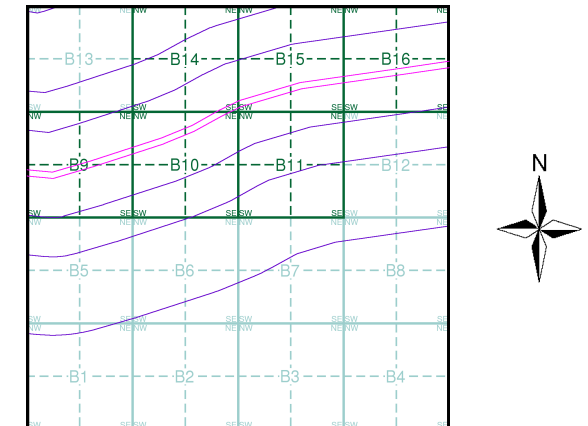
	Gravel Pit		Refuse tip or slag heap
	Rock		Rock (scattered)
	Boulders		Boulders (scattered)
	Shingle		Mud
	Sand		Sand Pit
	Slopes		Top of cliff
	General detail		Underground detail
	Overhead detail		Narrow gauge railway
	Multi-track railway		Single track railway
	County boundary (England only)		Civil,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



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Somerset	1:10,560	1886	2
Somerset	1:10,560	1904	3
Dorset	1:10,560	1904	4
Ordnance Survey Plan	1:10,000	1962	5
Ordnance Survey Plan	1:10,000	1982	6
Ordnance Survey Plan	1:10,000	1991	7
10K Raster Mapping	1:10,000	2006	8
VectorMap Local	1:10,000	2015	9

Historical Map - Slice B



Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 357560, 125020
 Slice: B
 Site Area (Ha): 21.47
 Search Buffer (m): 1000

Site Details

Site at, Sparkford, Somerset



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

Somerset

Published 1886

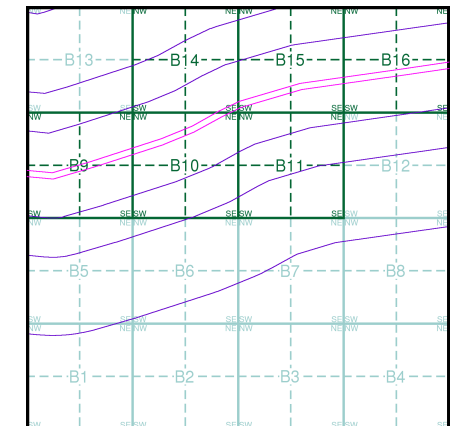
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

074NW 1886 1:10,560	074NE 1886 1:10,560
074SW 1886 1:10,560	074SE 1886 1:10,560

Historical Map - Slice B

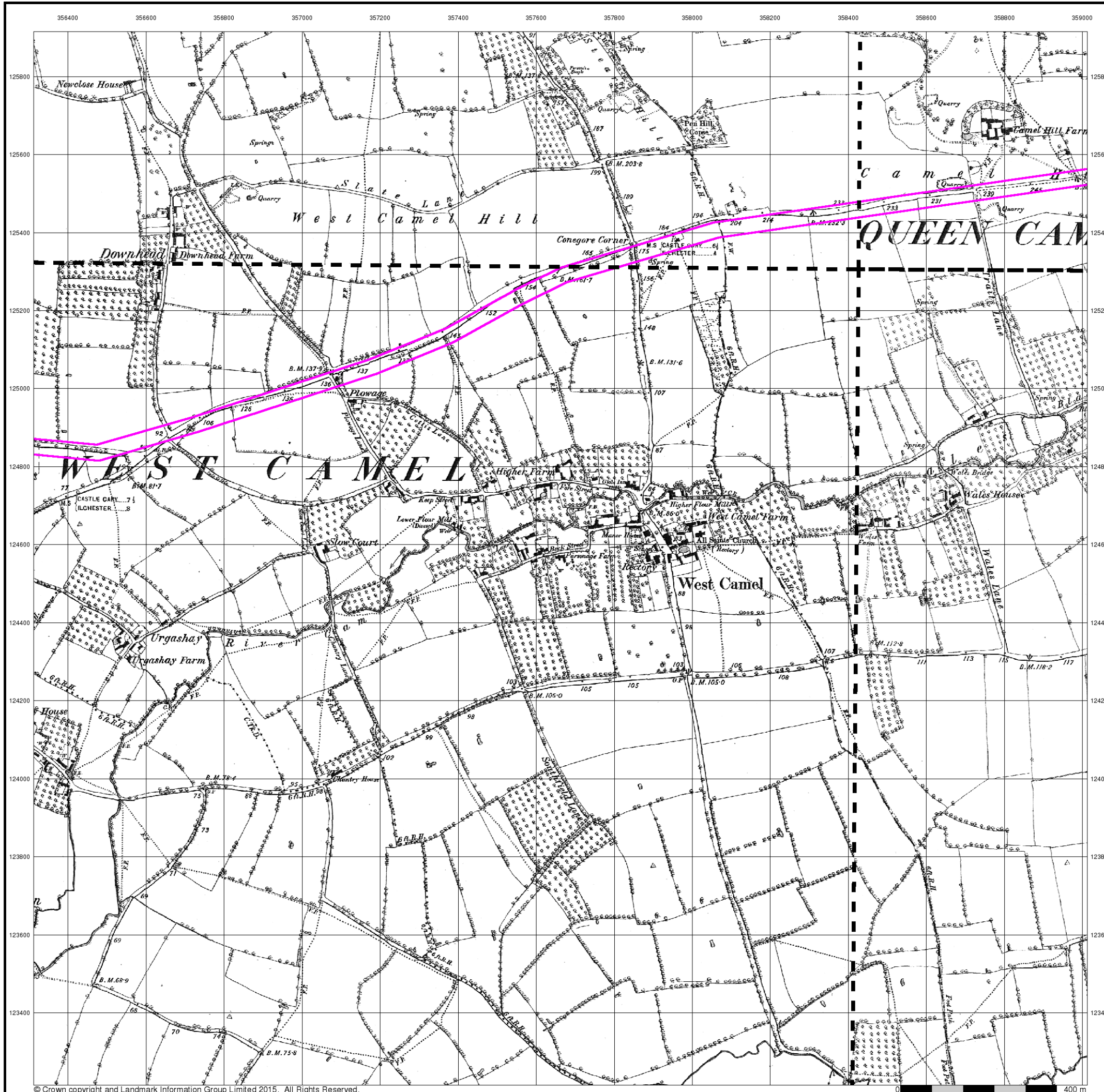


Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 357560, 125020
 Slice: B
 Site Area (Ha): 21.47
 Search Buffer (m): 1000

Site Details

Site at, Sparkford, Somerset



Somerset

Published 1904

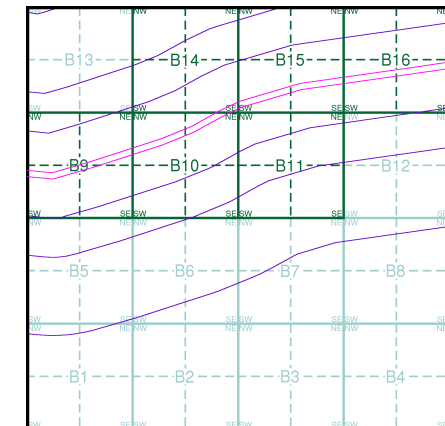
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

074NW 1904 1:10,560	074NE 1904 1:10,560
074SW 1904 1:10,560	

Historical Map - Slice B

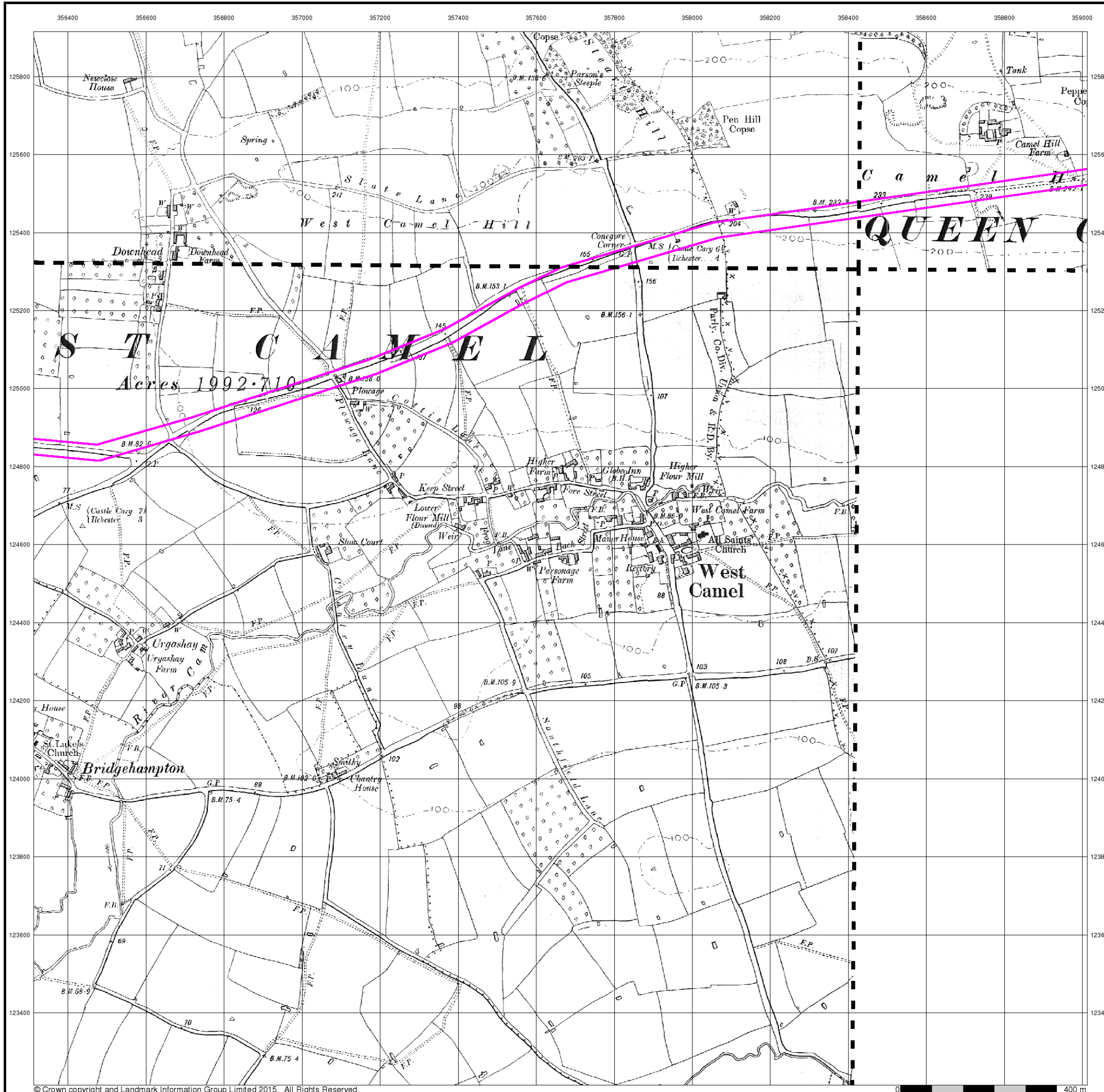


Order Details

Order Number: 79295009_1_1
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 Slice: B
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 Search Buffer (m): 1000

Site Details

Site at, Sparkford, Somerset



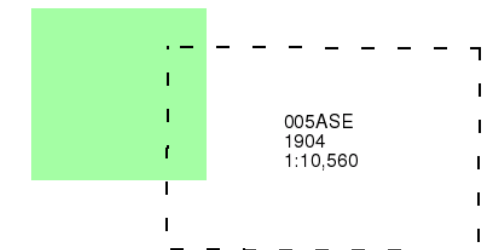
Dorset

Published 1904

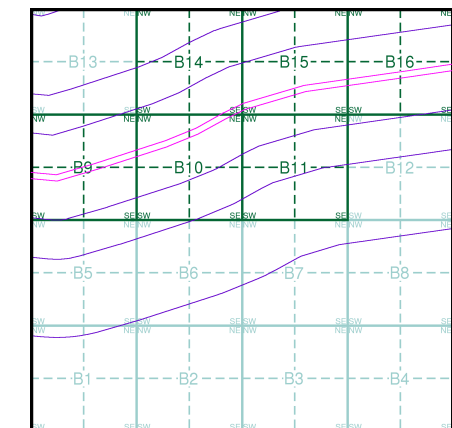
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice B

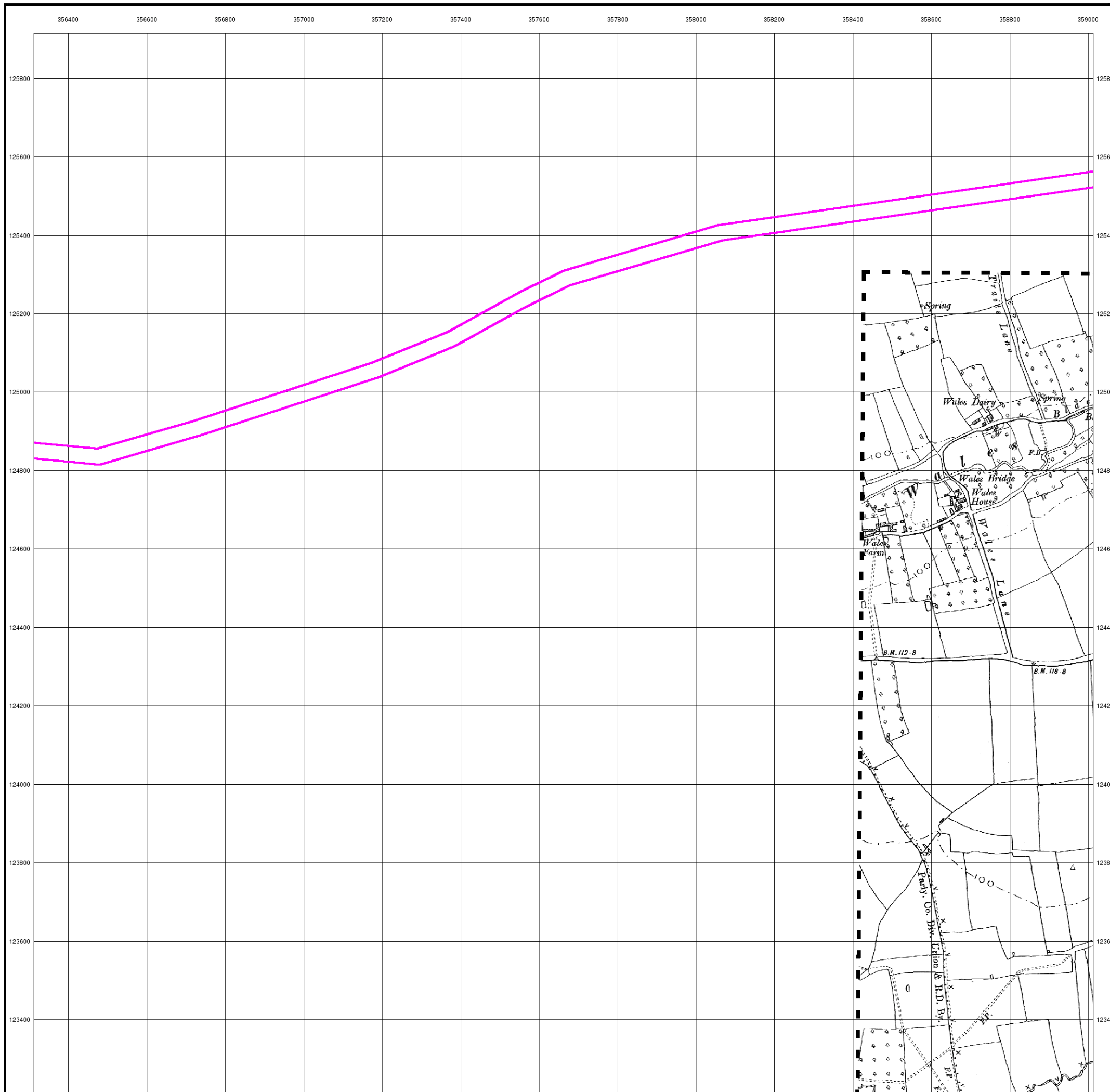


Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 357560, 125020
 Slice: B
 Site Area (Ha): 21.47
 Search Buffer (m): 1000

Site Details

Site at, Sparkford, Somerset



Ordnance Survey Plan

Published 1962

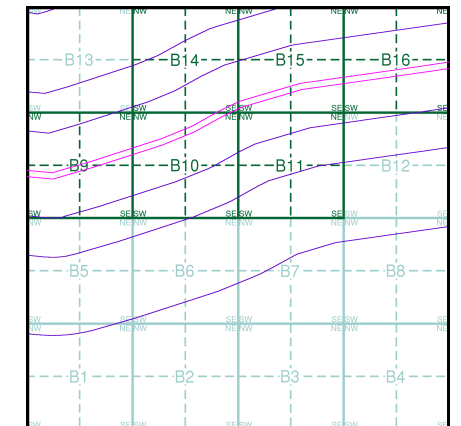
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

ST52NE	1962	1:10,560
ST52SE	1962	1:10,560

Historical Map - Slice B

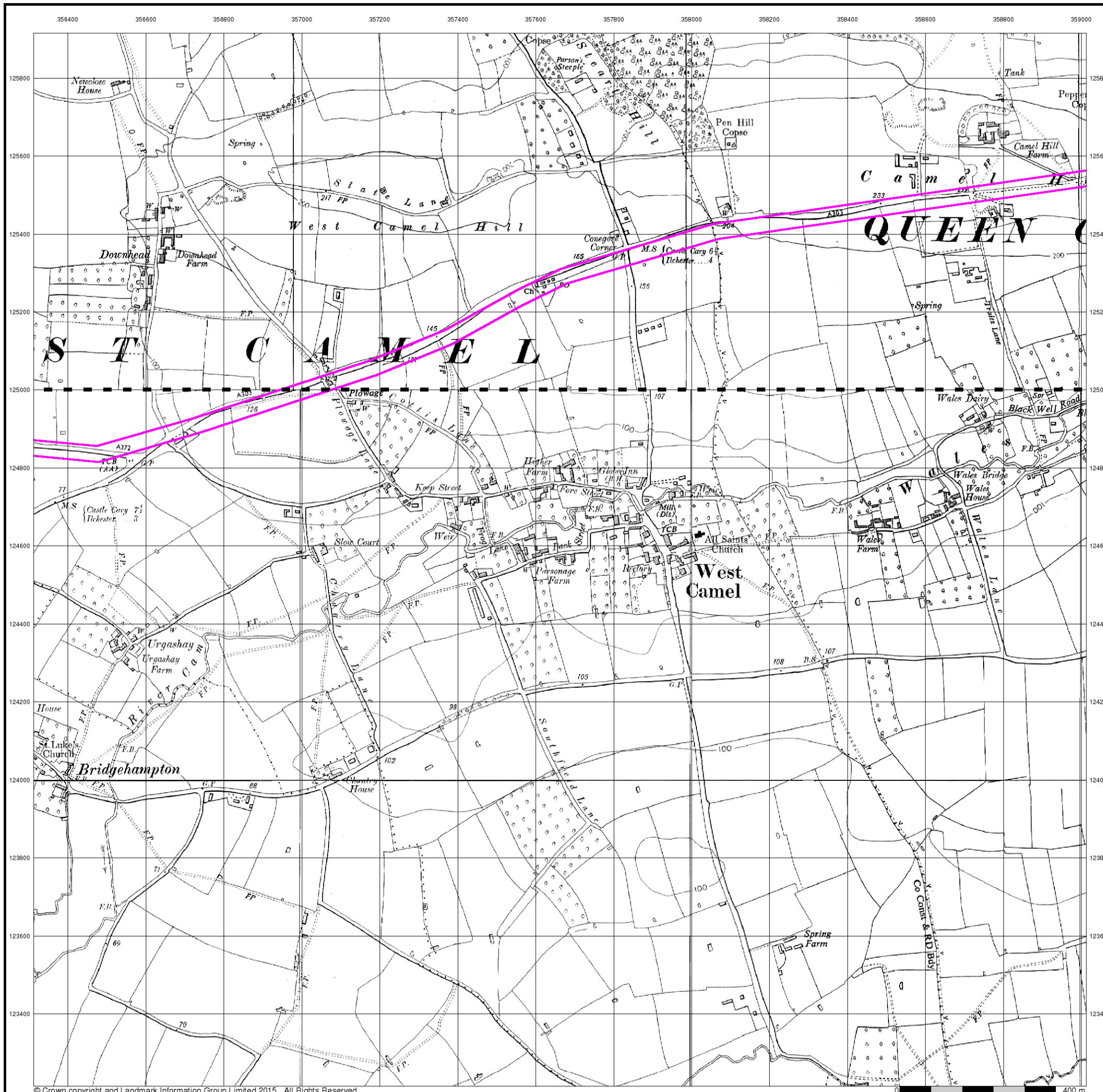


Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 357560, 125020
 Slice: B
 Site Area (Ha): 21.47
 Search Buffer (m): 1000

Site Details

Site at, Sparkford, Somerset



Ordnance Survey Plan

Published 1982

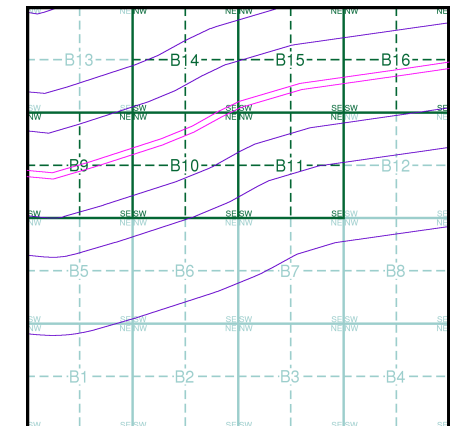
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

ST52NE	1982	1:10,000
ST52SE	1982	1:10,000

Historical Map - Slice B

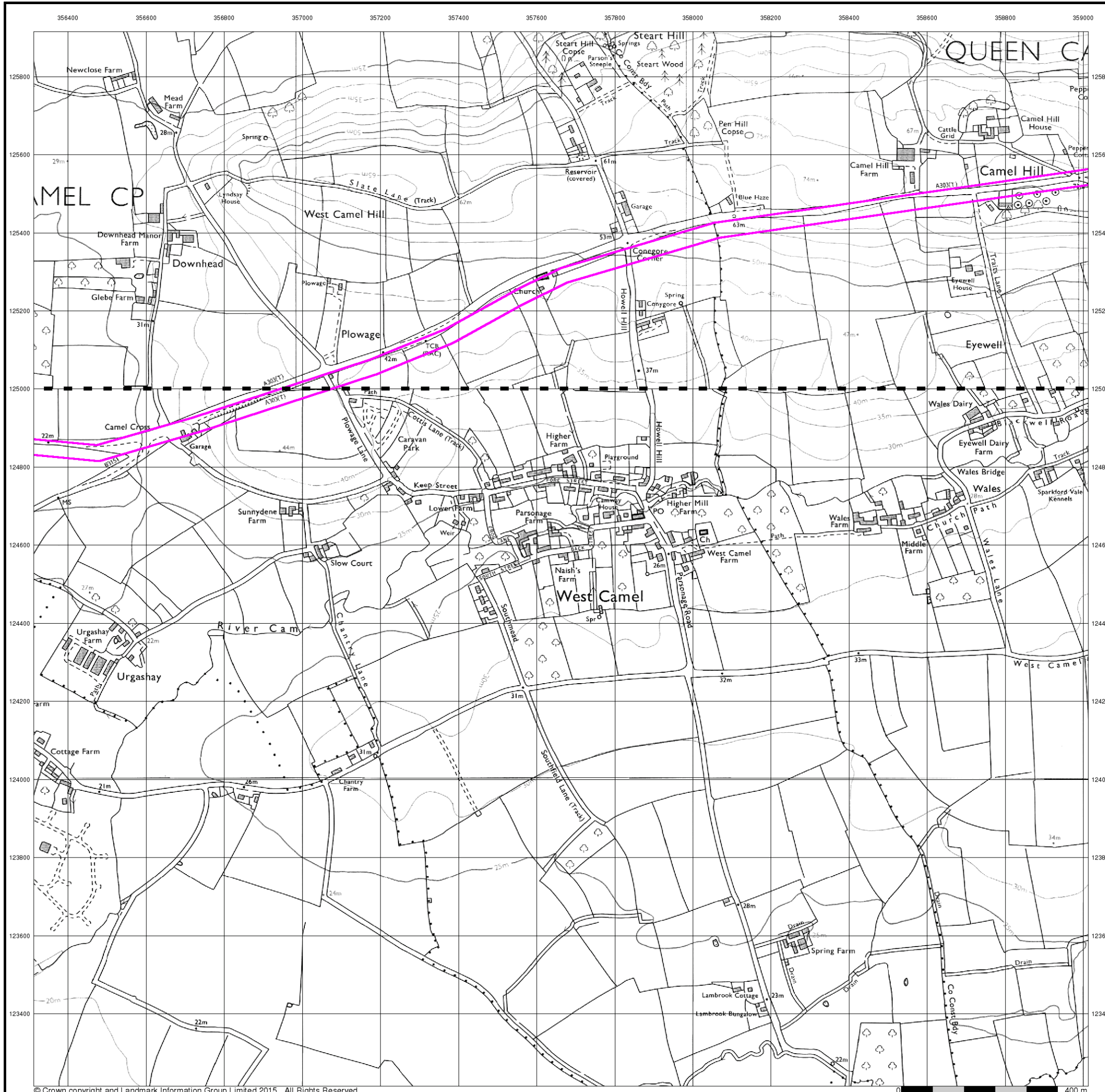


Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 357560, 125020
 Slice: B
 Site Area (Ha): 21.47
 Search Buffer (m): 1000

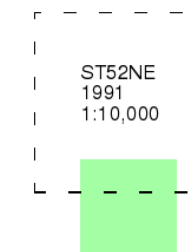
Site Details

Site at, Sparkford, Somerset

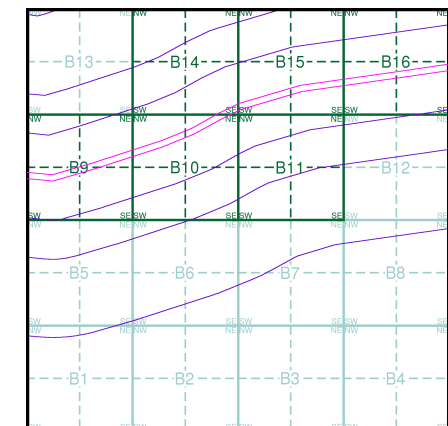


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some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

Map Name(s) and Date(s)



Historical Map - Slice B

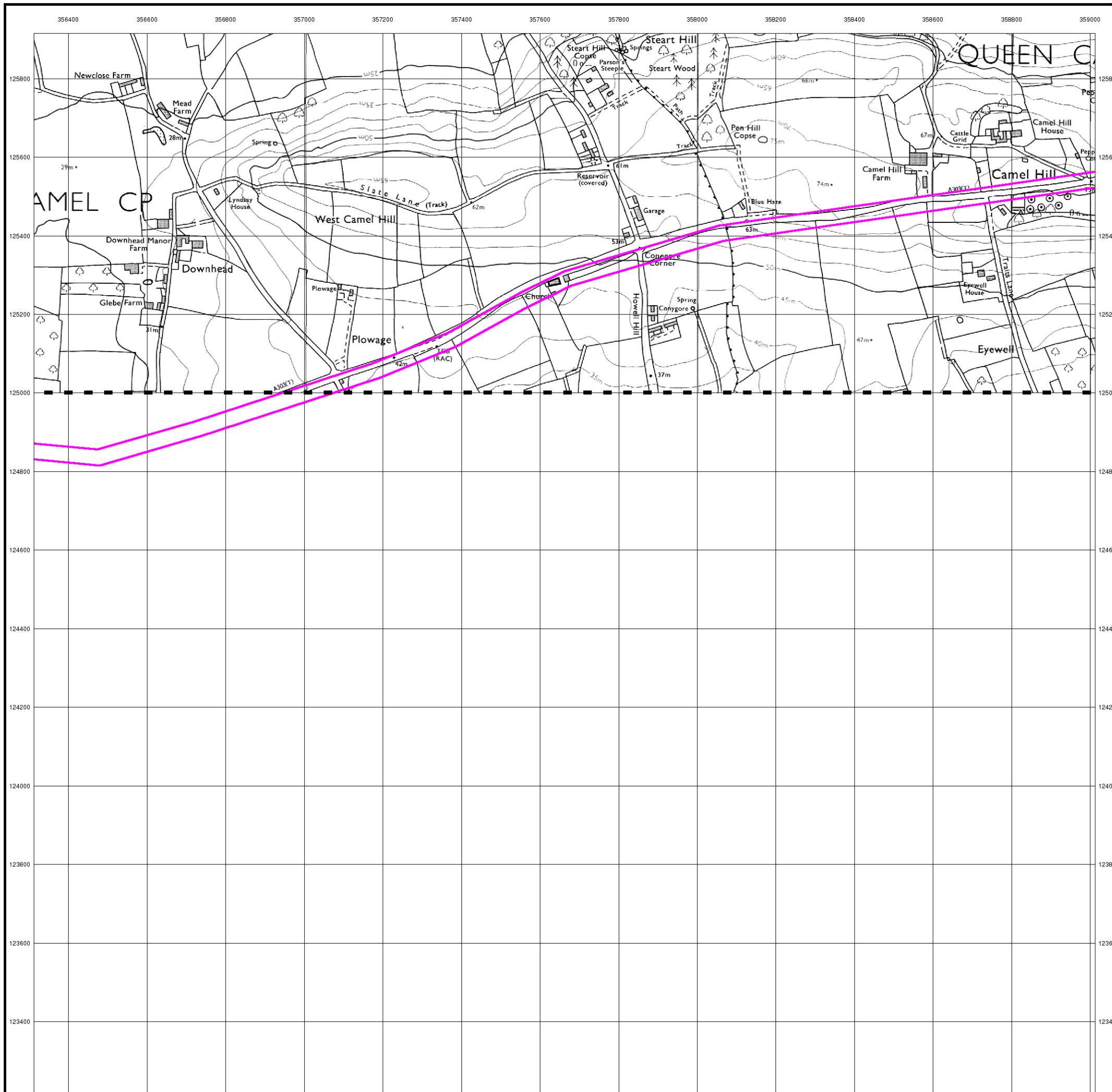


Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 357560, 125020
 Slice: B
 Site Area (Ha): 21.47
 Search Buffer (m): 1000

Site Details

Site at, Sparkford, Somerset

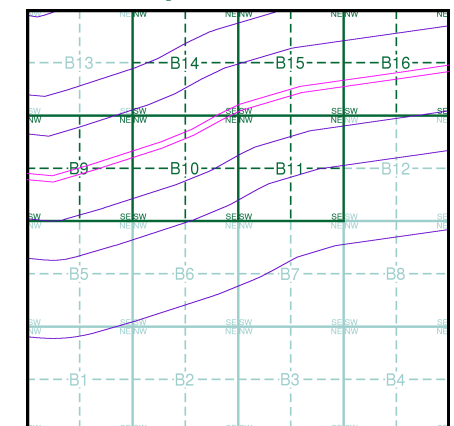


The historical maps shown were produced from the Ordnance Survey's 1:10,000 colour raster mapping. These maps are derived from Landplan which replaced the old 1:10,000 maps originally published in 1970. The data is highly detailed showing buildings, fences and field boundaries as well as all roads, tracks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

Map Name(s) and Date(s)

ST52NE	2006	1:10,000
ST52SE	2006	1:10,000

Historical Map - Slice B

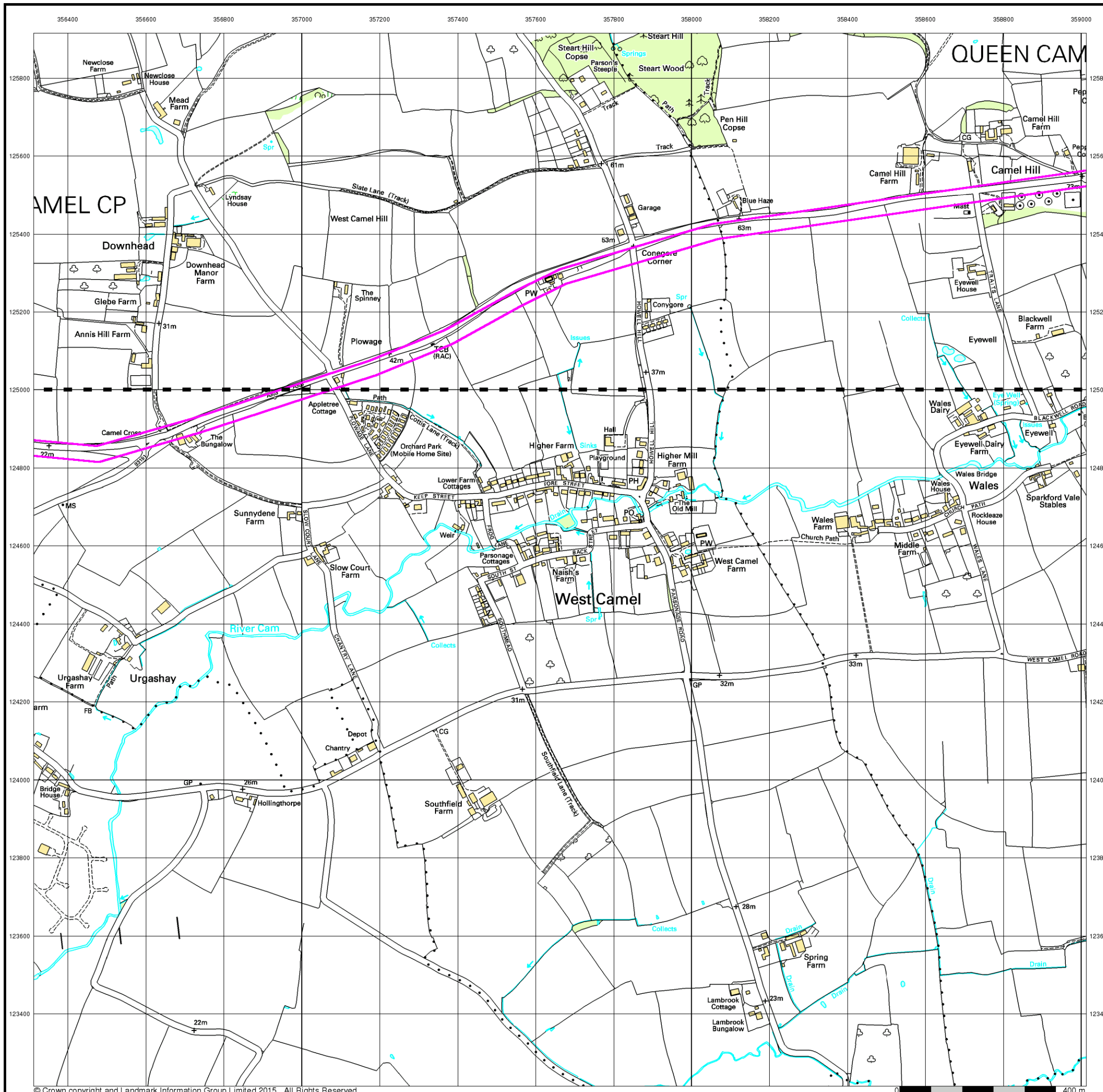


Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 357560, 125020
 Slice: B
 Site Area (Ha): 21.47
 Search Buffer (m): 1000

Site Details

Site at, Sparkford, Somerset

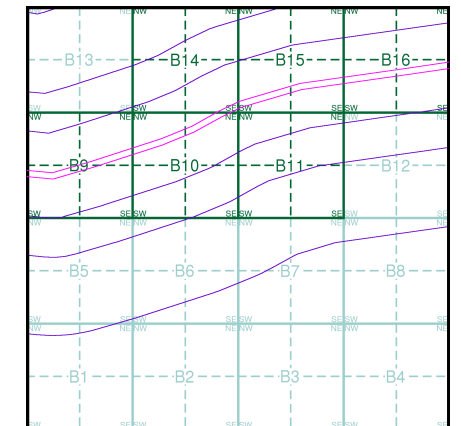


VectorMap Local (Raster) is Ordnance Survey's highest detailed 'backdrop' mapping product. These maps are produced from OS's VectorMap Local, a simple vector dataset at a nominal scale of 1:10,000, covering the whole of Great Britain, that has been designed for creating graphical mapping. OS VectorMap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

Map Name(s) and Date(s)

- ST52NE | 2015 | Variable
- ST52SE | 2015 | Variable

Historical Map - Slice B

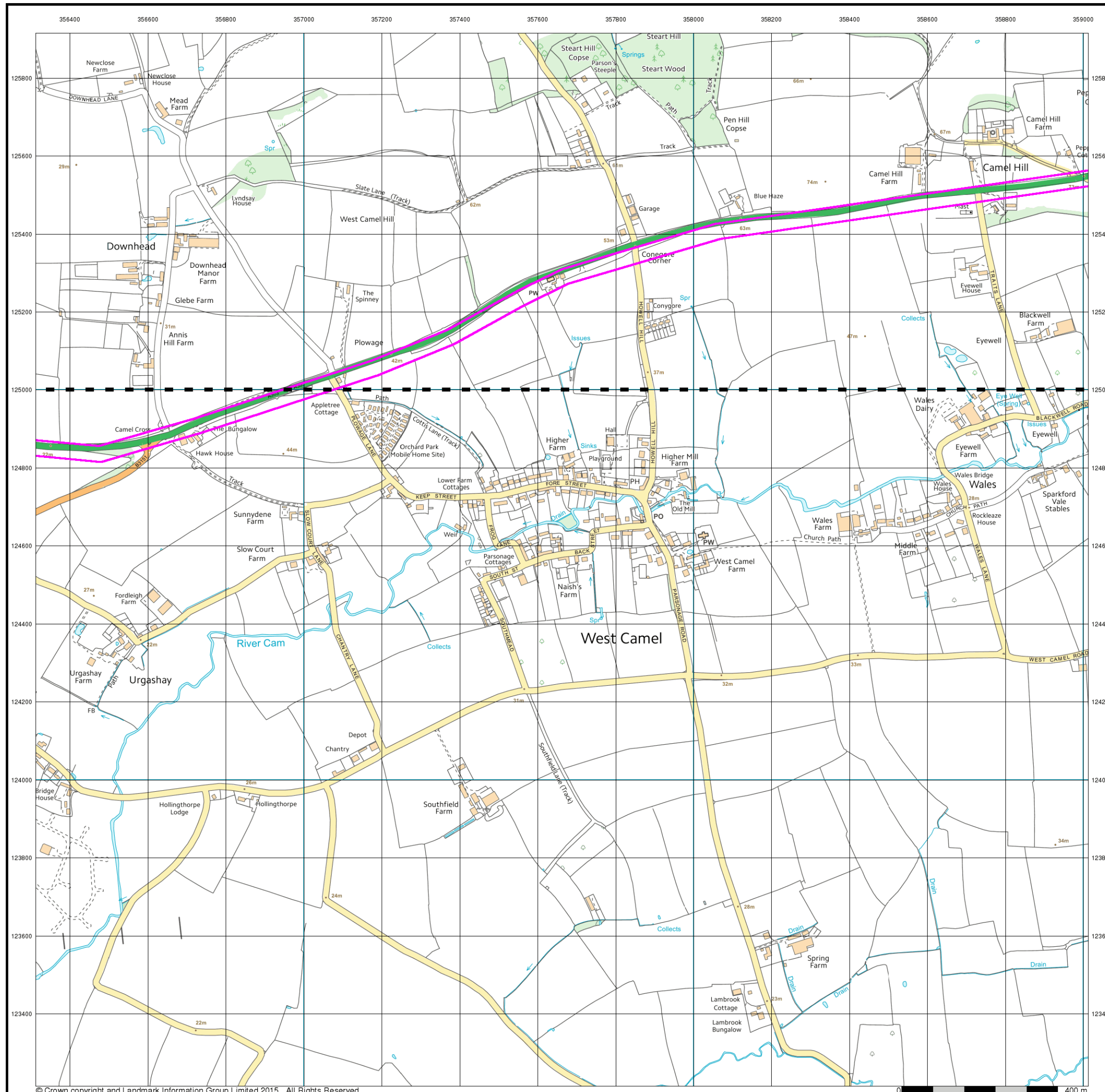


Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 357560, 125020
 Slice: B
 Site Area (Ha): 21.47
 Search Buffer (m): 1000

Site Details

Site at, Sparkford, Somerset



Historical Mapping Legends

Ordnance Survey County Series 1:10,560

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

Ordnance Survey Plan 1:10,000

- Chalk Pit, Clay Pit or Quarry
- Gravel Pit
- Sand Pit
- Disused Pit or Quarry
- Refuse or Slag Heap
- Lake, Loch or Pond
- Dunes
- Boulders
- Coniferous Trees
- Non-Coniferous Trees
- Orchard
- Scrub
- Coppice
- Bracken
- Heath
- Rough Grassland
- Marsh
- Reeds
- Saltings
- Building
- Glasshouse
- Direction of Flow of Water
- Shingle
- Sand
- Sloping Masonry
- Pylon
- Electricity Transmission Line
- Pole
- Cutting
- Embankment
- Standard Gauge Multiple Track
- Standard Gauge Single Track
- Siding, Tramway or Mineral Line
- Narrow Gauge
- Geographical County
- Administrative County, County Borough or County of City
- Municipal Borough, Urban or Rural District, Burgh or District Council
- Borough, Burgh or County Constituency (Shown only when not coincident with other boundaries)
- Civil Parish (Shown alternately when coincidence of boundaries occurs)
- BP, BS Boundary Post or Stone
- Ch Church
- CH Club House
- F E Sta Fire Engine Station
- FB Foot Bridge
- Fn Fountain
- GP Guide Post
- MP Mile Post
- MS Mile Stone
- Pol Sta Police Station
- PO Post Office
- PC Public Convenience
- PH Public House
- SB Signal Box
- Spr Spring
- TCB Telephone Call Box
- TCP Telephone Call Post
- W Well

1:10,000 Raster Mapping

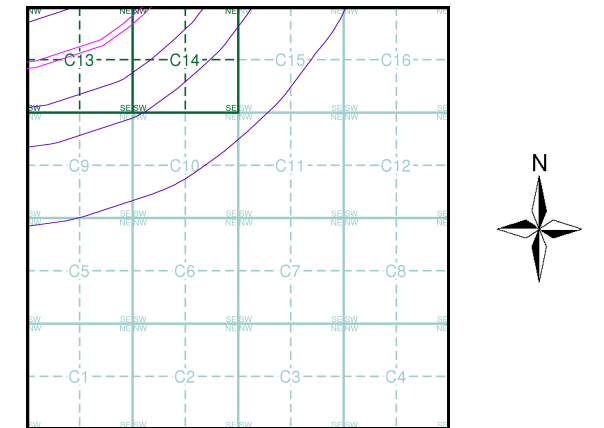
- Gravel Pit
- Refuse tip or slag heap
- Rock
- Rock (scattered)
- Boulders
- Boulders (scattered)
- Shingle
- Mud
- Sand
- Sand Pit
- Slopes
- Top of cliff
- General detail
- Underground detail
- Overhead detail
- Narrow gauge railway
- Multi-track railway
- Single track railway
- County boundary (England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



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Somerset	1:10,560	1886	2
Somerset	1:10,560	1904	3
Dorset	1:10,560	1904	4
Ordnance Survey Plan	1:10,000	1962	5
Ordnance Survey Plan	1:10,000	1982 - 1984	6
Ordnance Survey Plan	1:10,000	1991	7
10K Raster Mapping	1:10,000	2006	8
VectorMap Local	1:10,000	2015	9

Historical Map - Slice C



Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 359800, 125350
 Slice: C
 Site Area (Ha): 21.47
 Search Buffer (m): 1000

Site Details

Site at, Sparkford, Somerset



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

Somerset

Published 1886

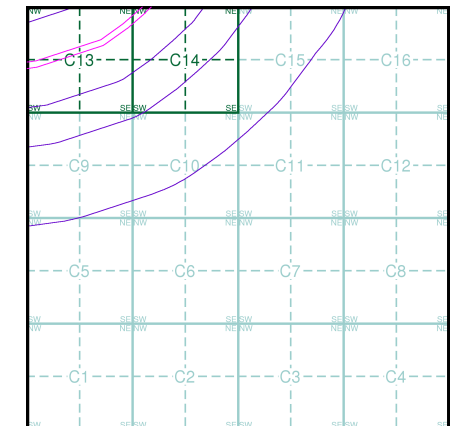
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

074NE	1886	1:10,560
074SE	1886	1:10,560

Historical Map - Slice C

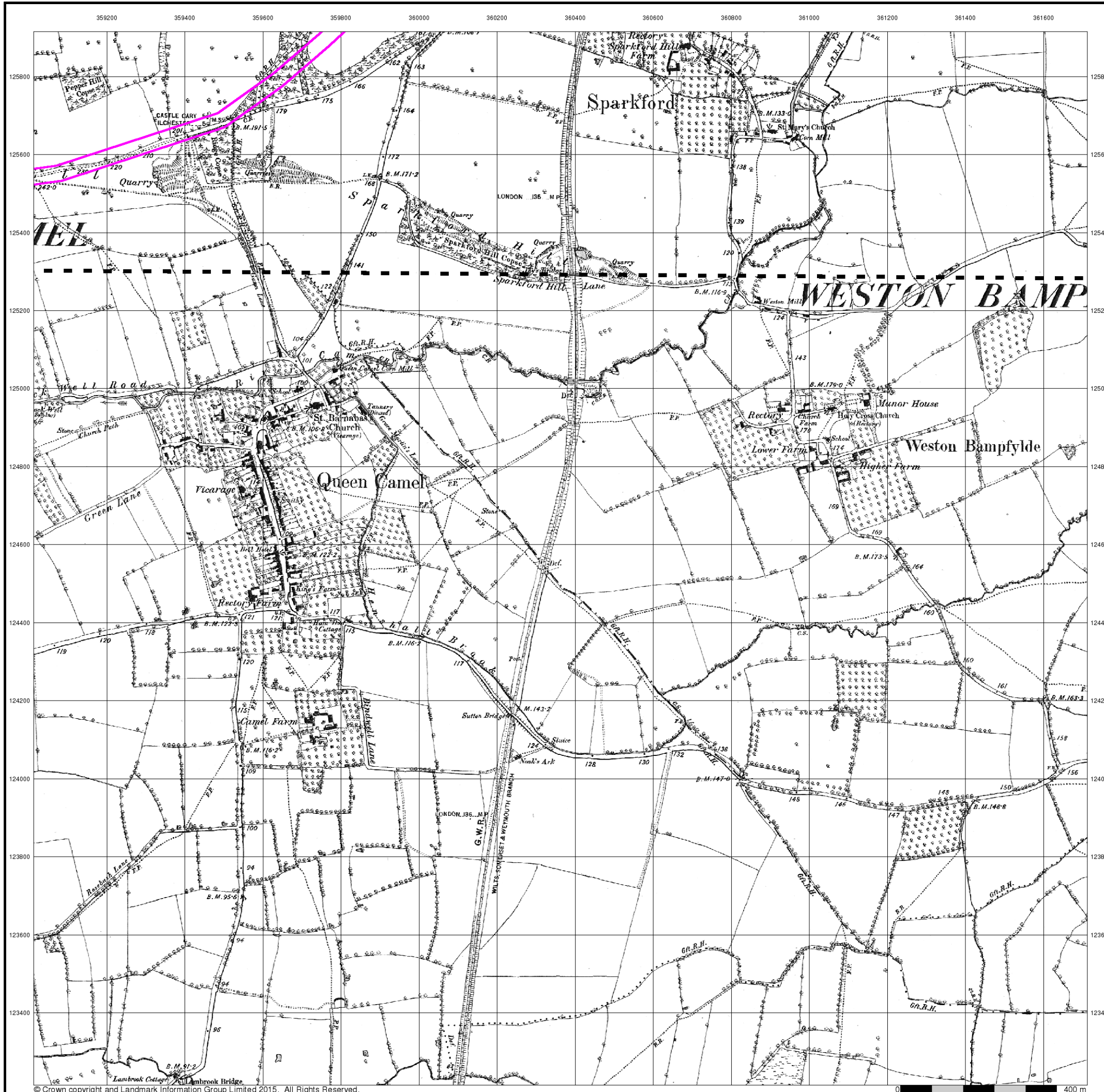


Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 359800, 125350
 Slice: C
 Site Area (Ha): 21.47
 Search Buffer (m): 1000

Site Details

Site at, Sparkford, Somerset



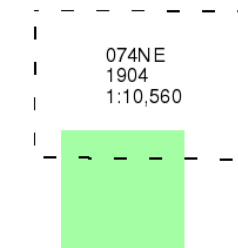
Somerset

Published 1904

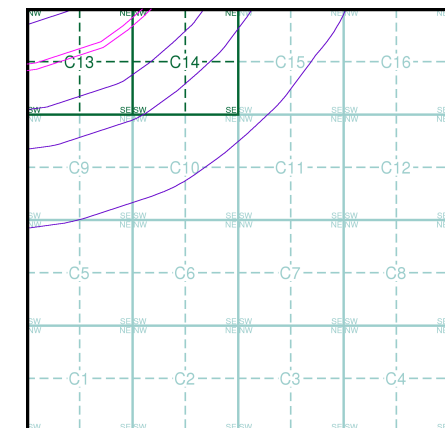
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice C

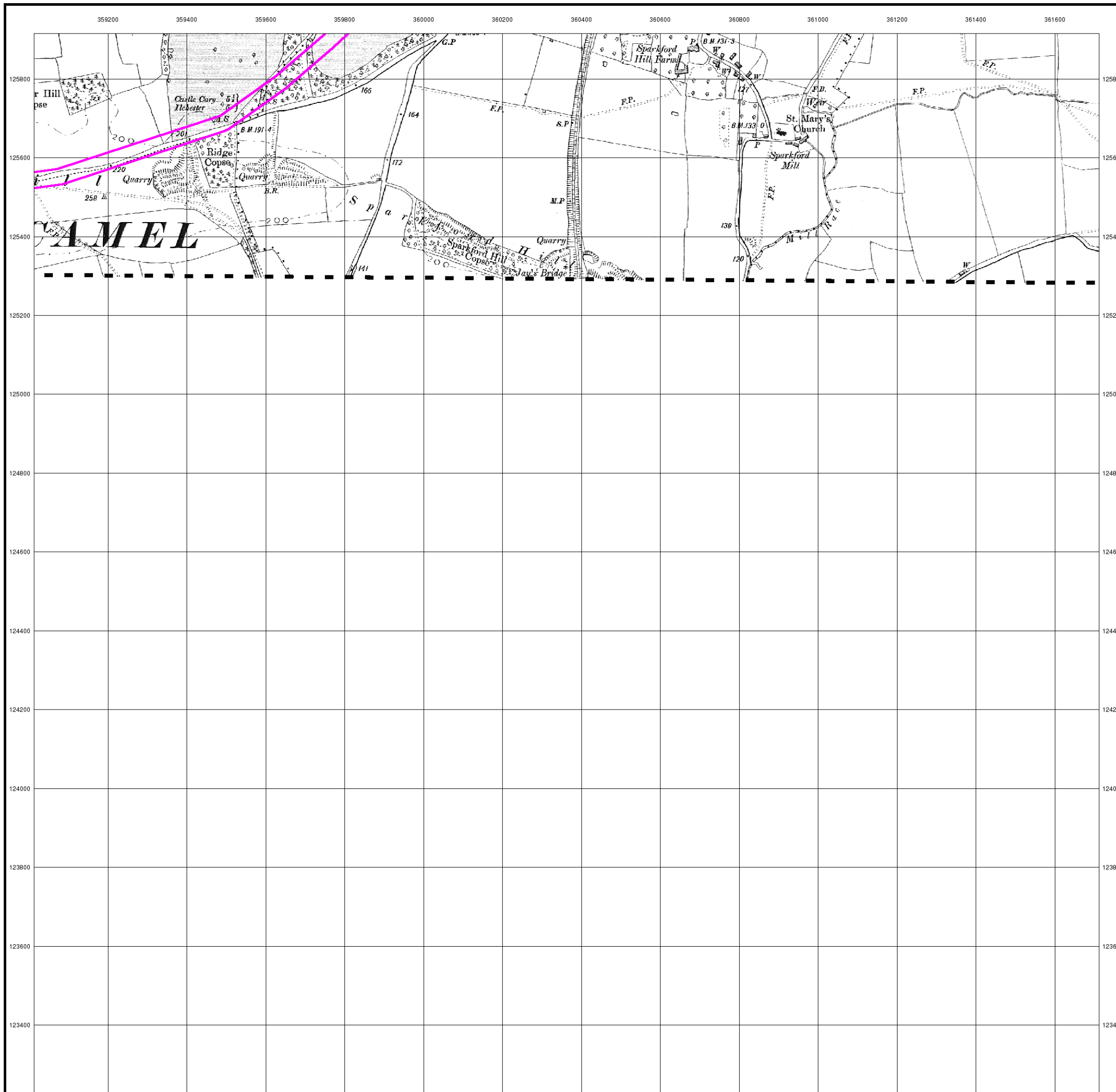


Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 359800, 125350
 Slice: C
 Site Area (Ha): 21.47
 Search Buffer (m): 1000

Site Details

Site at, Sparkford, Somerset



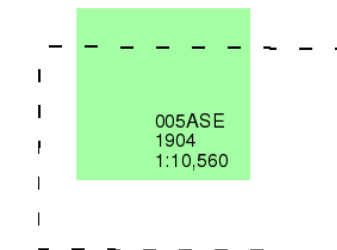
Dorset

Published 1904

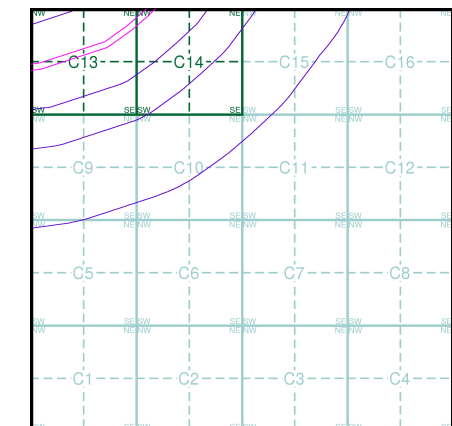
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice C

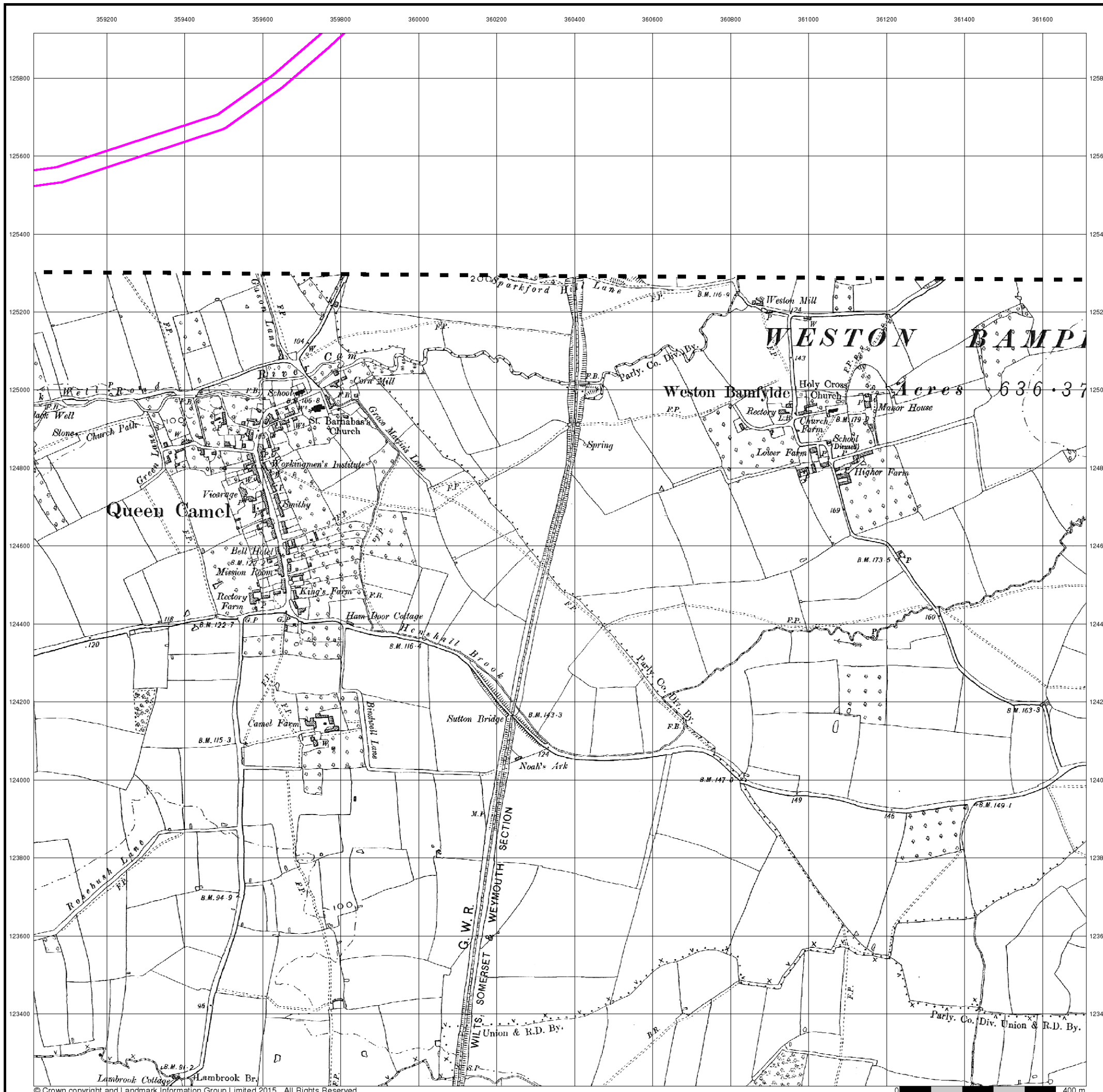


Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 359800, 125350
 Slice: C
 Site Area (Ha): 21.47
 Search Buffer (m): 1000

Site Details

Site at, Sparkford, Somerset



Ordnance Survey Plan

Published 1962

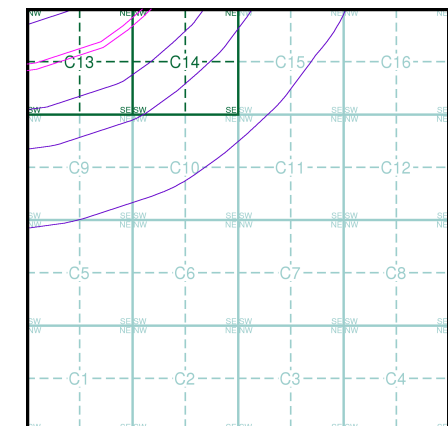
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

ST52NE	1962	1:10,560	ST62NW	1962	1:10,560
ST52SE	1962	1:10,560	ST62SW	1962	1:10,560

Historical Map - Slice C

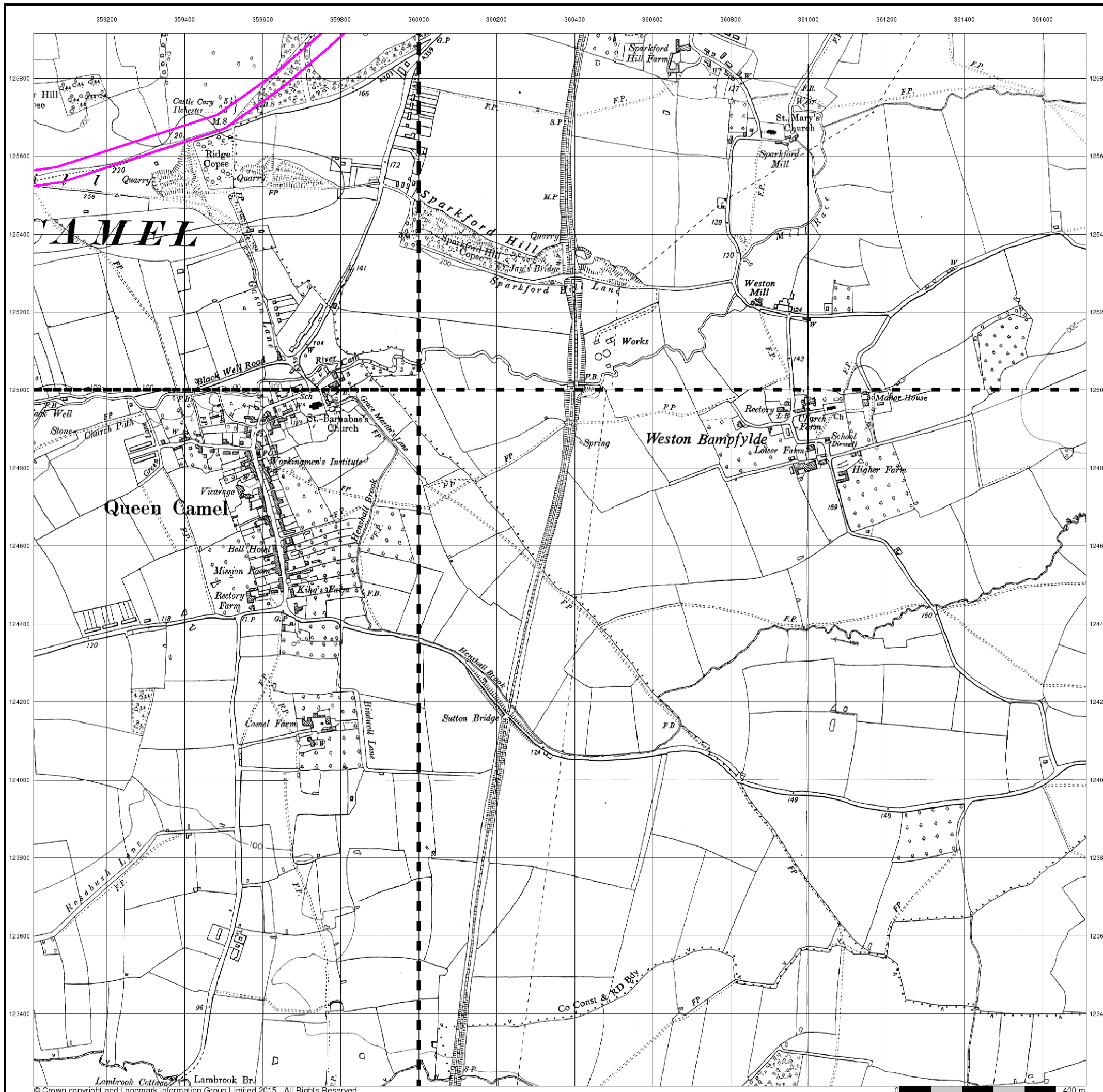


Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 359800, 125350
 Slice: C
 Site Area (Ha): 21.47
 Search Buffer (m): 1000

Site Details

Site at, Sparkford, Somerset



Ordnance Survey Plan

Published 1982 - 1984

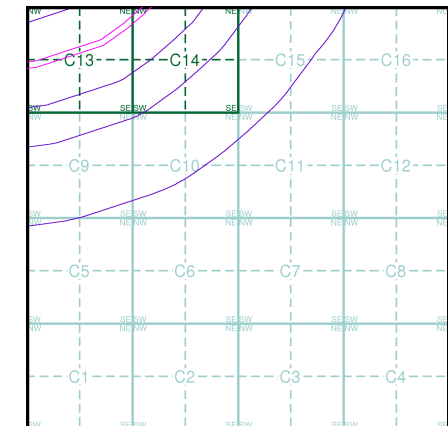
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

ST52NE	1982	1:10,000	ST62NW	1984	1:10,000
ST52SE	1982	1:10,000	ST62SW	1983	1:10,000

Historical Map - Slice C

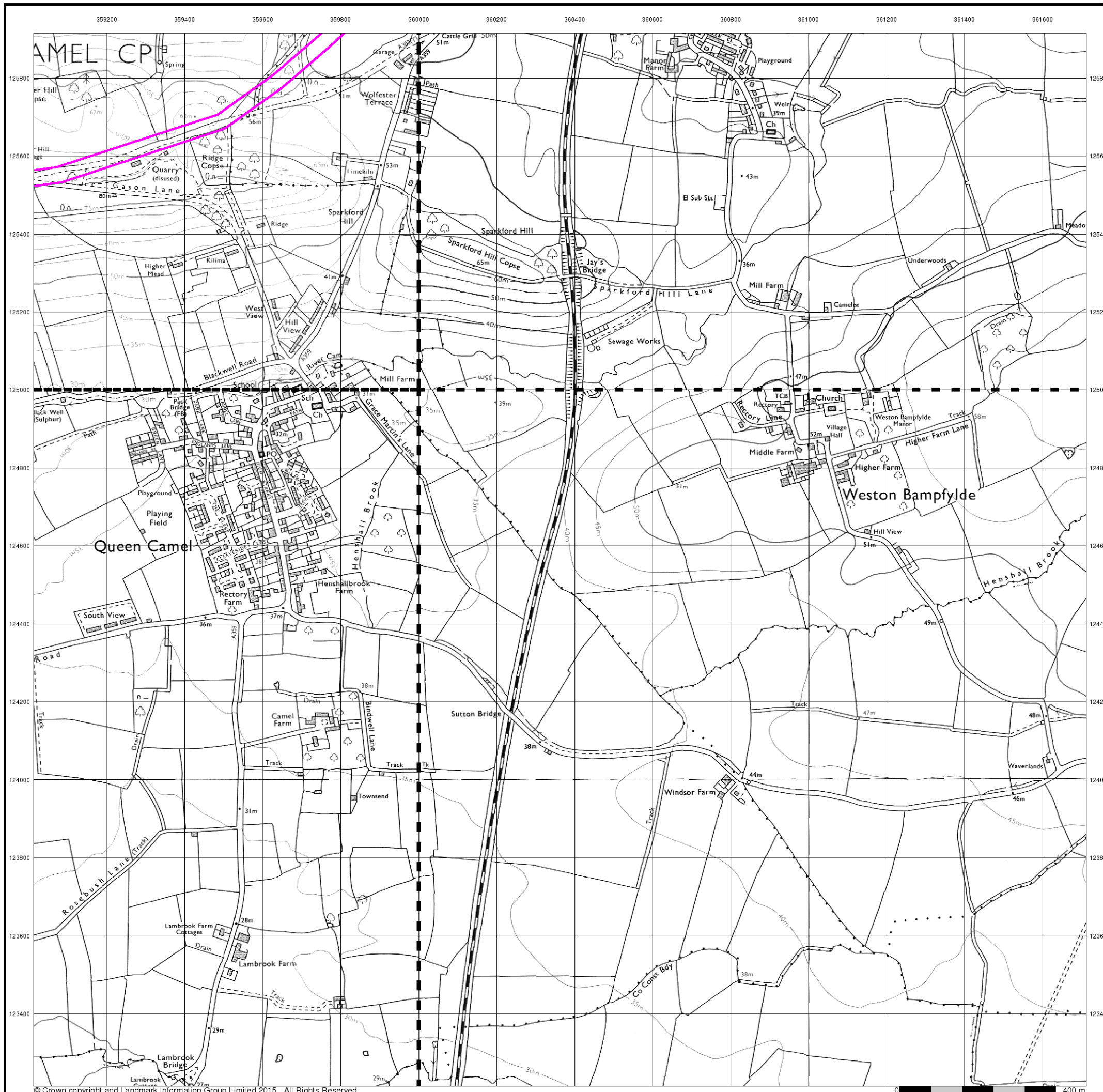


Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 359800, 125350
 Slice: C
 Site Area (Ha): 21.47
 Search Buffer (m): 1000

Site Details

Site at, Sparkford, Somerset

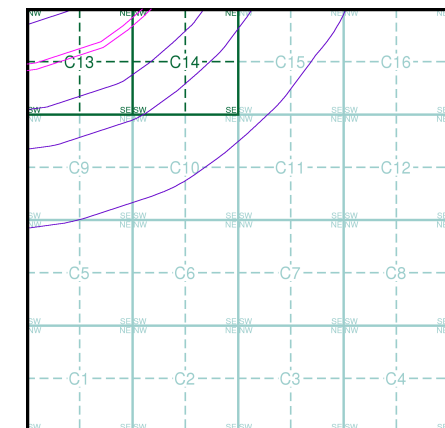


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some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

Map Name(s) and Date(s)

ST52NE 1991 1:10,000	ST62NW 1991 1:10,000
----------------------------	----------------------------

Historical Map - Slice C



Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 359800, 125350
 Slice: C
 Site Area (Ha): 21.47
 Search Buffer (m): 1000

Site Details

Site at, Sparkford, Somerset



10k Raster Mapping

Published 2006

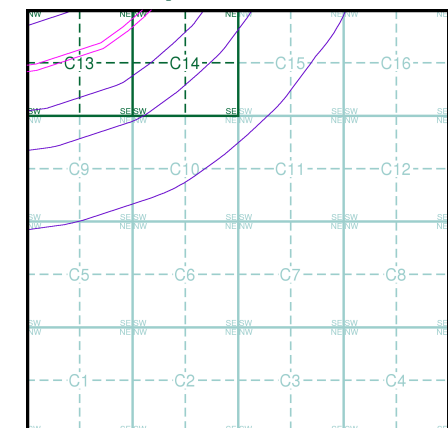
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

ST52NE	2006	1:10,000	ST62NW	2006	1:10,000
ST52SE	2006	1:10,000	ST62SW	2006	1:10,000

Historical Map - Slice C

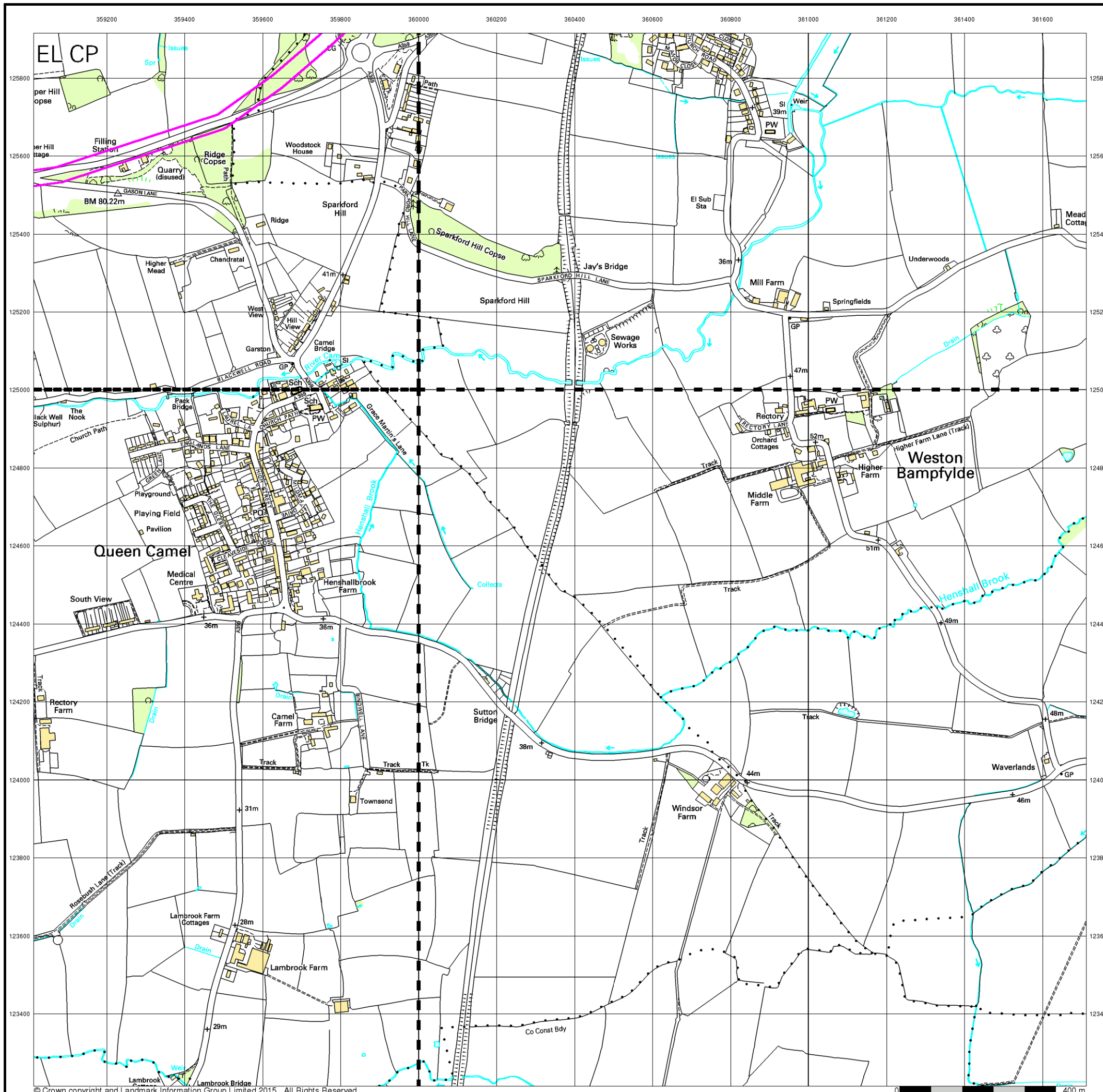


Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 359800, 125350
 Slice: C
 Site Area (Ha): 21.47
 Search Buffer (m): 1000

Site Details

Site at, Sparkford, Somerset

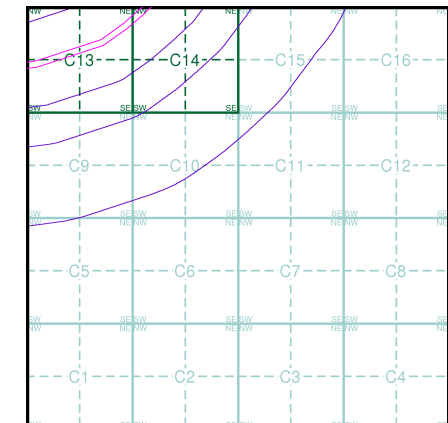


VectorMap Local (Raster) is Ordnance Survey's highest detailed 'backdrop' mapping product. These maps are produced from OS's VectorMap Local, a simple vector dataset at a nominal scale of 1:10,000, covering the whole of Great Britain, that has been designed for creating graphical mapping. OS VectorMap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

Map Name(s) and Date(s)

ST52NE 2015 Variable	ST62NW 2015 Variable
ST52SE 2015 Variable	ST62SW 2015 Variable

Historical Map - Slice C

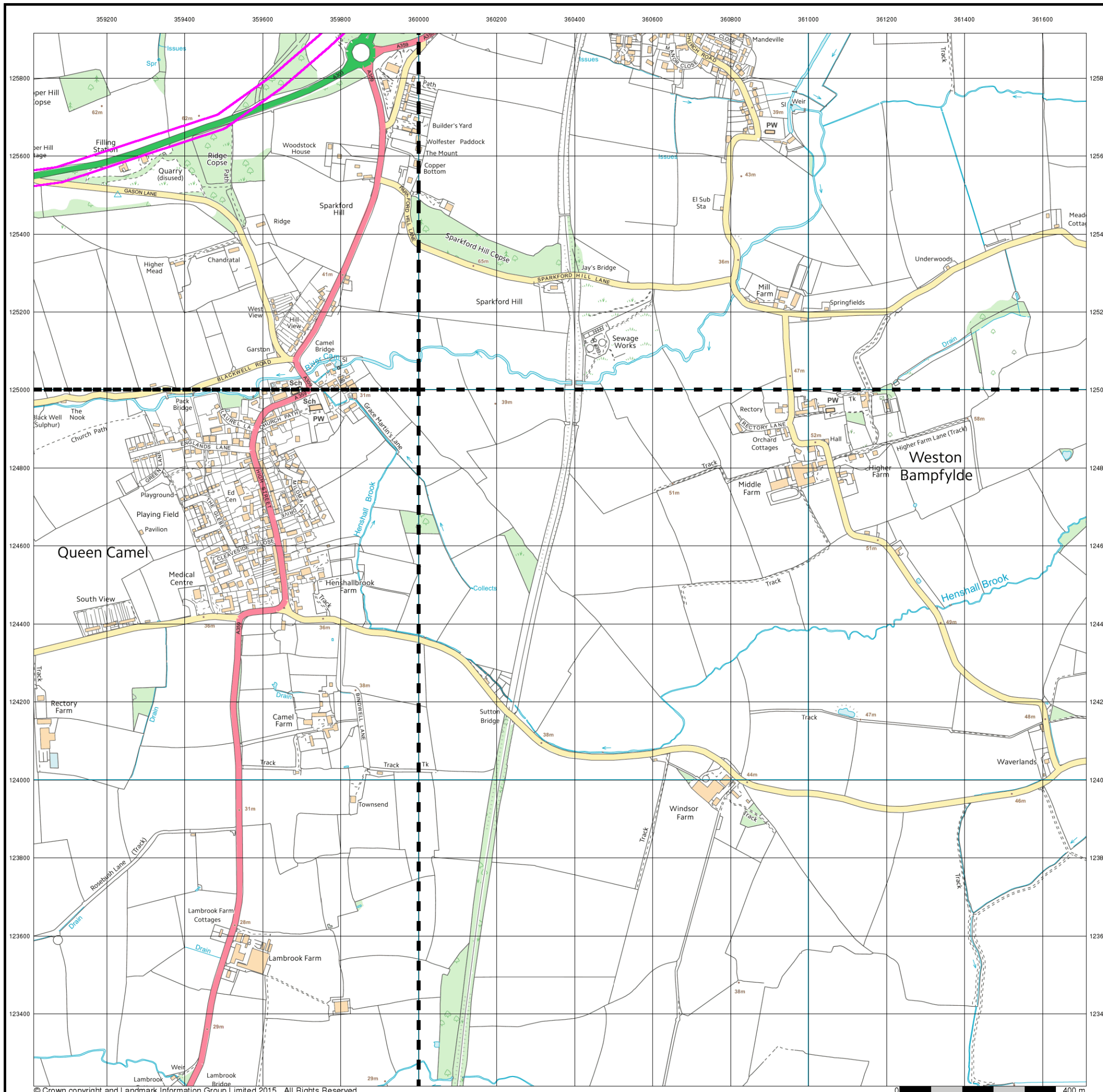


Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 359800, 125350
 Slice: C
 Site Area (Ha): 21.47
 Search Buffer (m): 1000

Site Details

Site at, Sparkford, Somerset



Historical Mapping Legends

Ordnance Survey County Series 1:10,560

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

Ordnance Survey Plan 1:10,000

- Chalk Pit, Clay Pit or Quarry
- Gravel Pit
- Sand Pit
- Disused Pit or Quarry
- Refuse or Slag Heap
- Lake, Loch or Pond
- Dunes
- Boulders
- Coniferous Trees
- Non-Coniferous Trees
- Orchard
- Scrub
- Coppice
- Bracken
- Heath
- Rough Grassland
- Marsh
- Reeds
- Saltings
- Building
- Glasshouse
- Direction of Flow of Water
- Shingle
- Sand
- Sloping Masonry
- Pylon
- Electricity Transmission Line
- Pole
- Cutting
- Embankment
- Standard Gauge Multiple Track
- Standard Gauge Single Track
- Siding, Tramway or Mineral Line
- Narrow Gauge
- Geographical County
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- Municipal Borough, Urban or Rural District, Burgh or District Council
- Borough, Burgh or County Constituency
Shown only when not coincident with other boundaries
- Civil Parish
Shown alternately when coincidence of boundaries occurs
- BP, BS Boundary Post or Stone
- Ch Church
- CH Club House
- F E Sta Fire Engine Station
- FB Foot Bridge
- Fn Fountain
- GP Guide Post
- MP Mile Post
- MS Mile Stone
- Pol Sta Police Station
- PO Post Office
- PC Public Convenience
- PH Public House
- SB Signal Box
- Spr Spring
- TCB Telephone Call Box
- TCP Telephone Call Post
- W Well

1:10,000 Raster Mapping

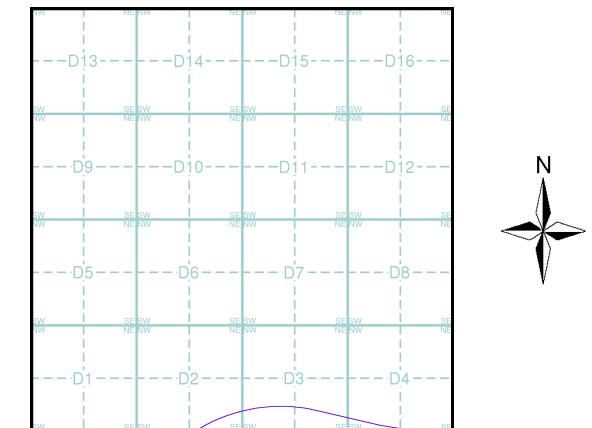
- Gravel Pit
- Rock
- Boulders
- Shingle
- Sand
- Slopes
- General detail
- Overhead detail
- Multi-track railway
- County boundary (England only)
- District, Unitary, Metropolitan, London Borough boundary
- Refuse tip or slag heap
- Rock (scattered)
- Boulders (scattered)
- Mud
- Sand Pit
- Top of cliff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



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Somerset	1:10,560	1885 - 1886	2
Somerset	1:10,560	1904	3
Somerset	1:10,560	1930 - 1931	4
Ordnance Survey Plan	1:10,000	1962	5
Ordnance Survey Plan	1:10,000	1980 - 1982	6
Ordnance Survey Plan	1:10,000	1991	7
10K Raster Mapping	1:10,000	2006	8
VectorMap Local	1:10,000	2015	9

Historical Map - Slice D



Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 355270, 125980
 Slice: D
 Site Area (Ha): 21.47
 Search Buffer (m): 1000

Site Details

Site at, Sparkford, Somerset



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

Somerset

Published 1885 - 1886

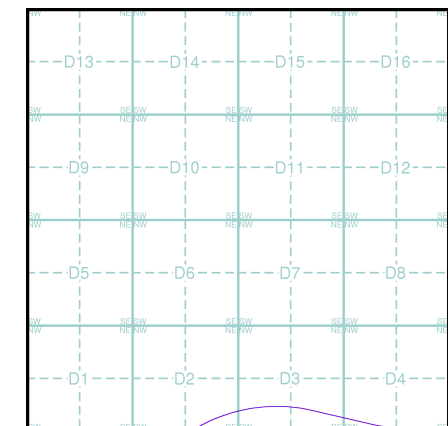
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

063SE 1886 1:10,560	064SW 1885 1:10,560
073NE 1886 1:10,560	074NW 1886 1:10,560

Historical Map - Slice D

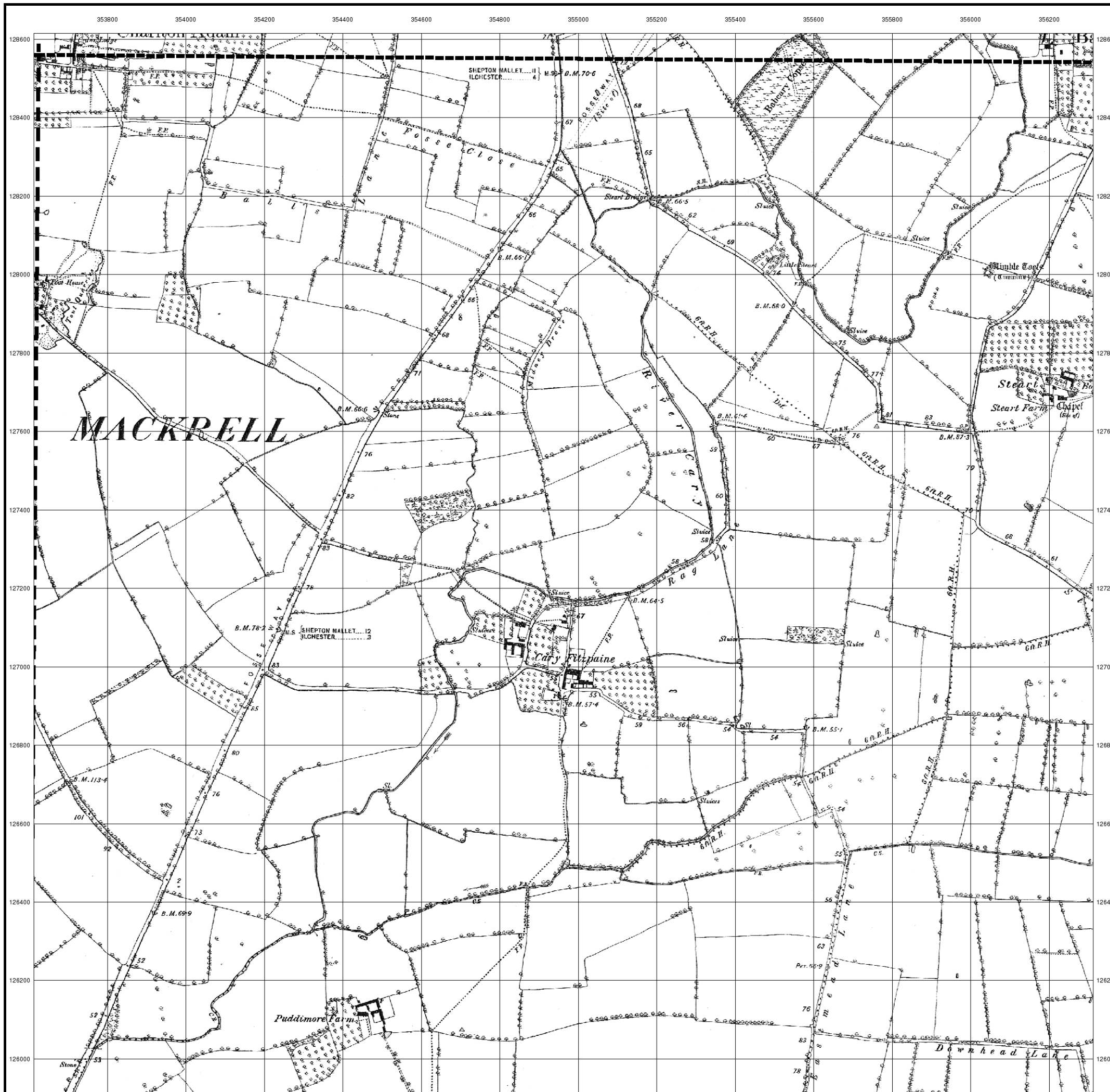


Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 355270, 125980
 Slice: D
 Site Area (Ha): 21.47
 Search Buffer (m): 1000

Site Details

Site at, Sparkford, Somerset



Somerset

Published 1904

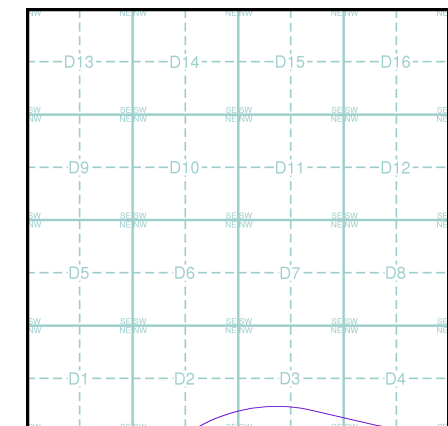
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

063SE 1904 1:10,560	064SW 1904 1:10,560
073NE 1904 1:10,560	074NW 1904 1:10,560

Historical Map - Slice D



Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 355270, 125980
 Slice: D
 Site Area (Ha): 21.47
 Search Buffer (m): 1000

Site Details

Site at, Sparkford, Somerset

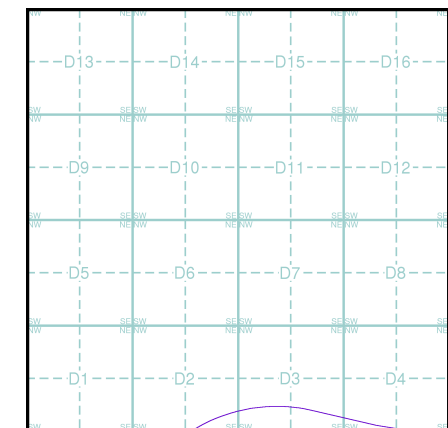


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some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

Map Name(s) and Date(s)

063SE 1930 1:10,560	064SW 1930 1:10,560
073NE 1931 1:10,560	

Historical Map - Slice D

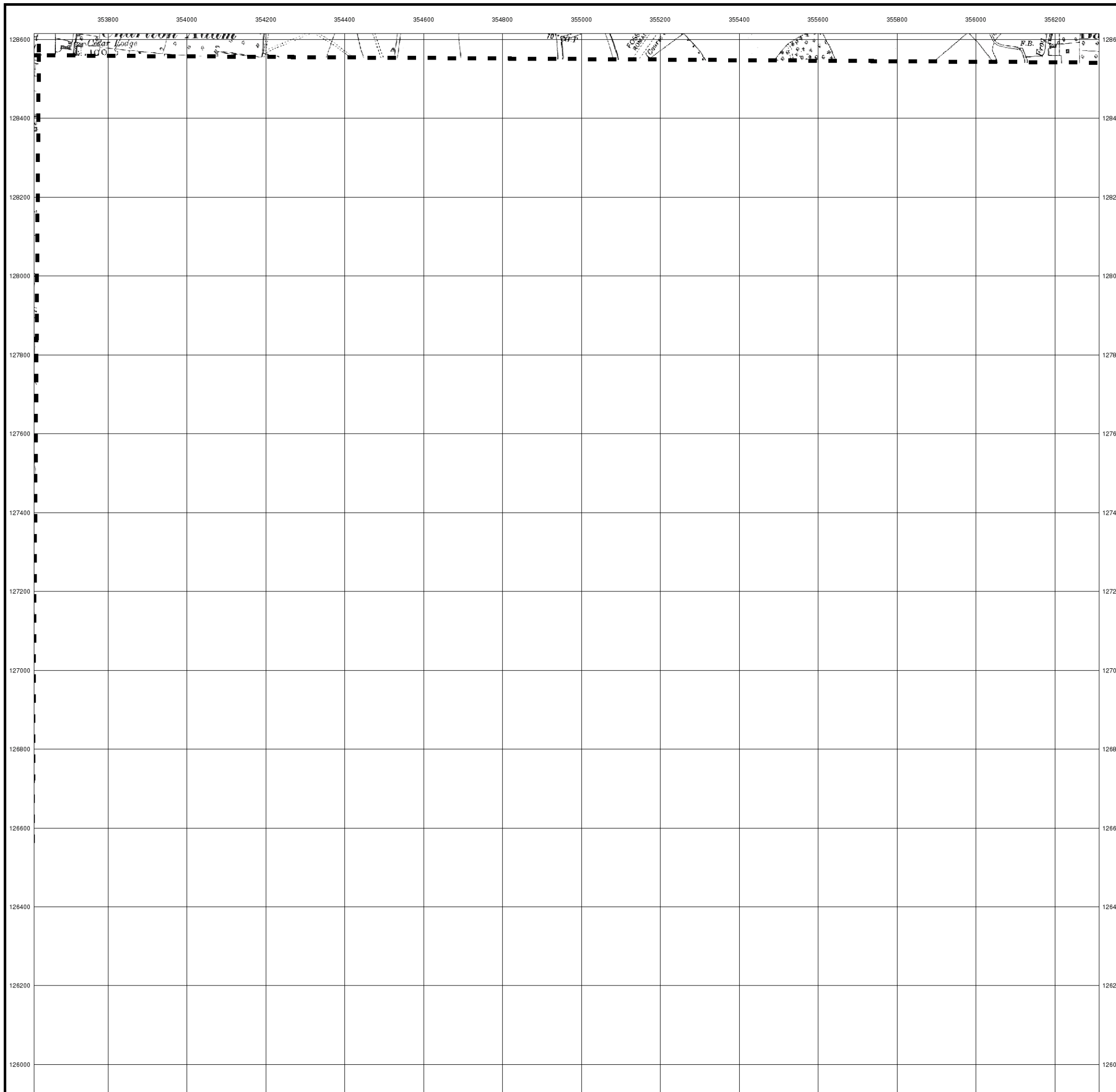


Order Details

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 Slice: D
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 Search Buffer (m): 1000

Site Details

Site at, Sparkford, Somerset



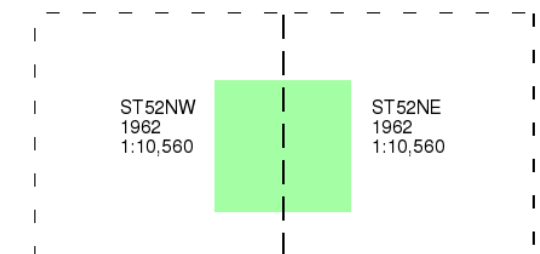
Ordnance Survey Plan

Published 1962

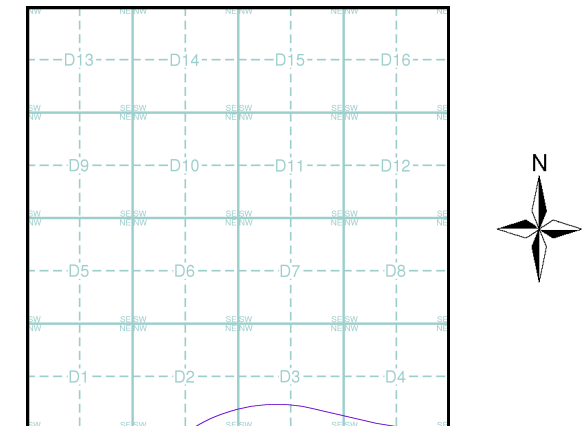
Source map scale - 1:10,000

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Map Name(s) and Date(s)



Historical Map - Slice D

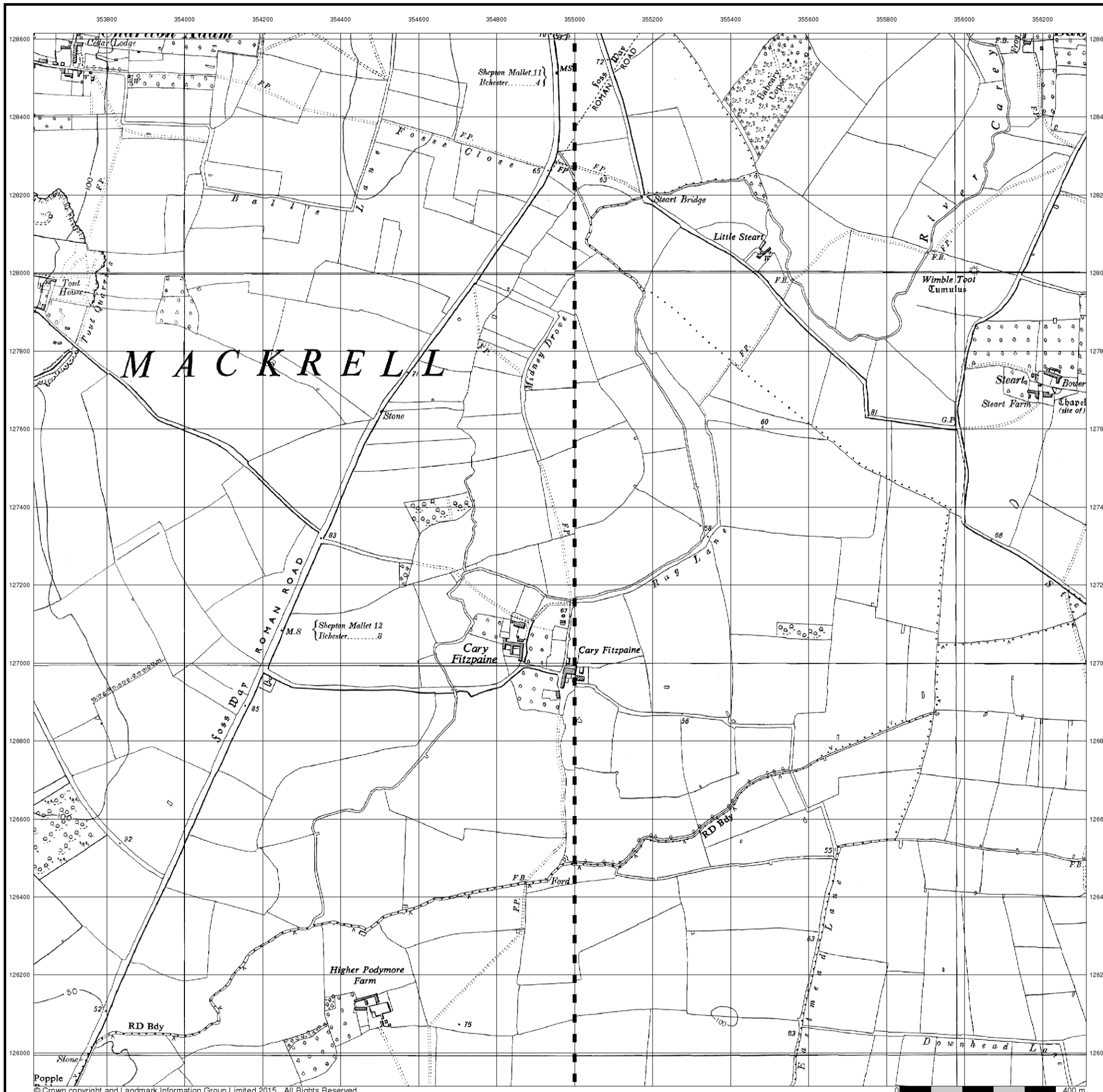


Order Details

Order Number: 79295009_1_1
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 Slice: D
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 Search Buffer (m): 1000

Site Details

Site at, Sparkford, Somerset



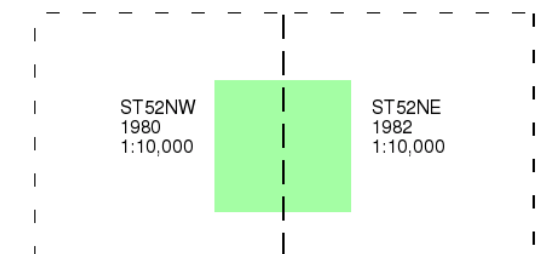
Ordnance Survey Plan

Published 1980 - 1982

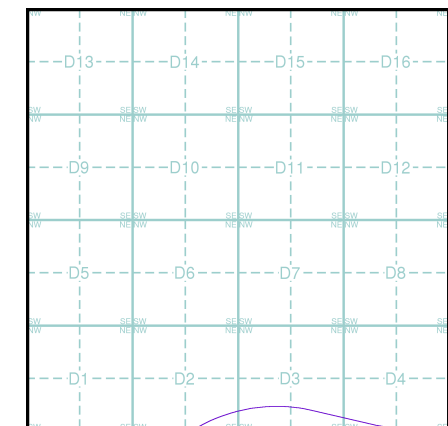
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice D

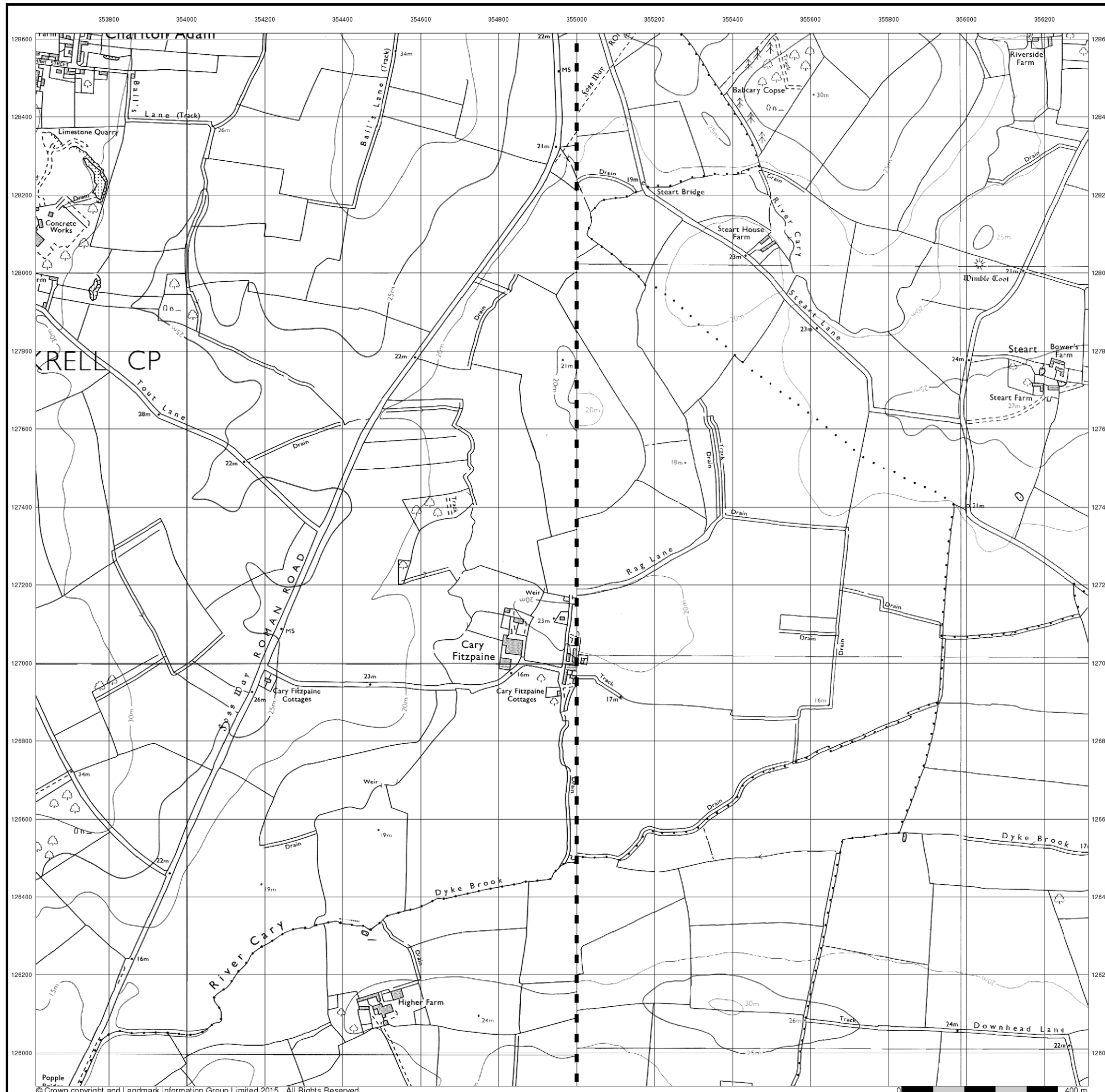


Order Details

Order Number: 79295009_1_1
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 National Grid Reference: 355270, 125980
 Slice: D
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 Search Buffer (m): 1000

Site Details

Site at, Sparkford, Somerset



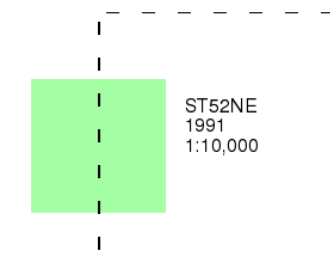
Ordnance Survey Plan

Published 1991

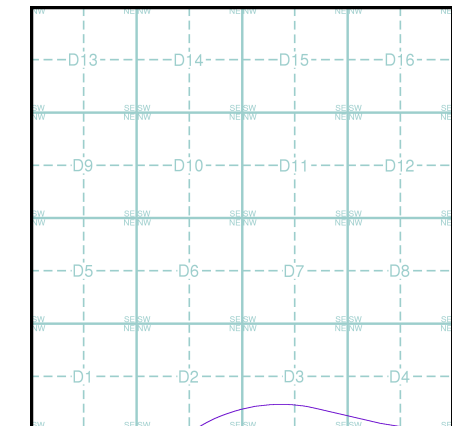
Source map scale - 1:10,000

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Map Name(s) and Date(s)



Historical Map - Slice D

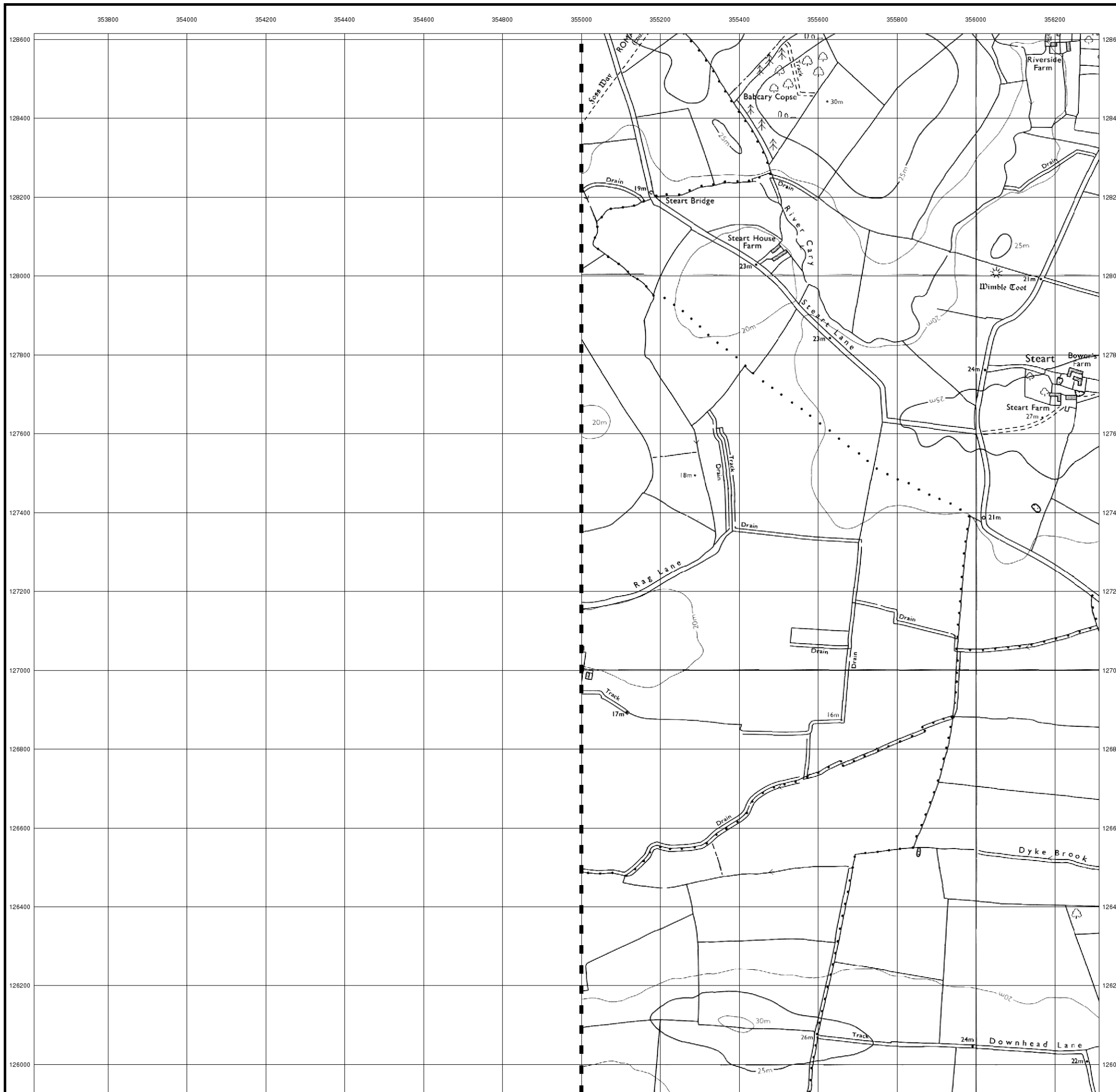


Order Details

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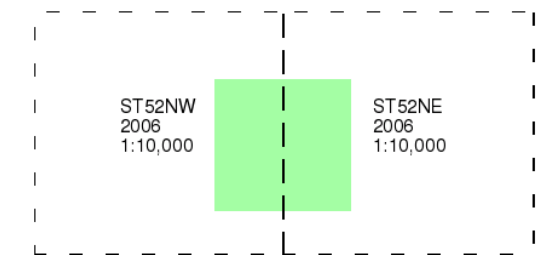
Site Details

Site at, Sparkford, Somerset

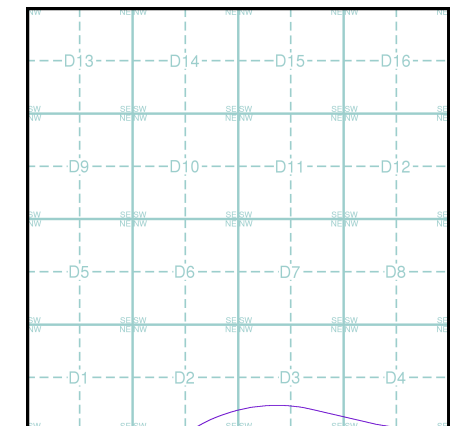


The historical maps shown were produced from the Ordnance Survey's 1:10,000 colour raster mapping. These maps are derived from Landplan which replaced the old 1:10,000 maps originally published in 1970. The data is highly detailed showing buildings, fences and field boundaries as well as all roads, tracks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

Map Name(s) and Date(s)



Historical Map - Slice D

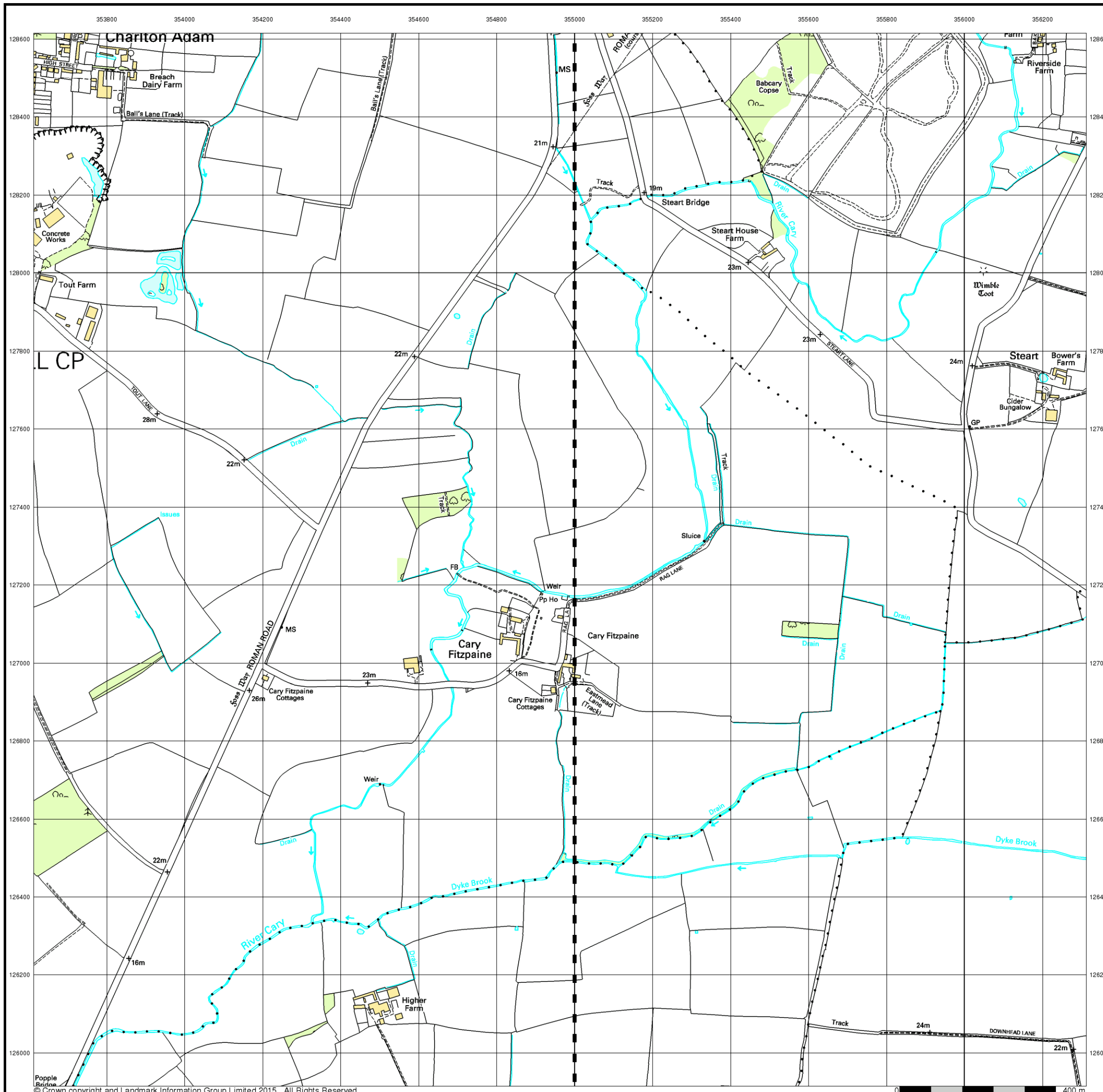


Order Details

Order Number: 79295009_1_1
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 National Grid Reference: 355270, 125980
 Slice: D
 Site Area (Ha): 21.47
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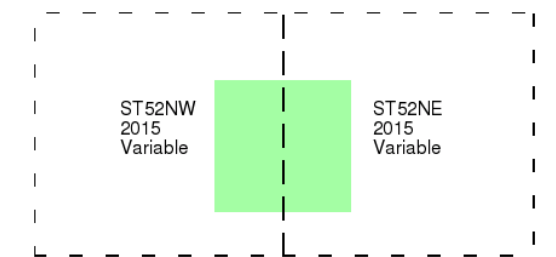
Site Details

Site at, Sparkford, Somerset

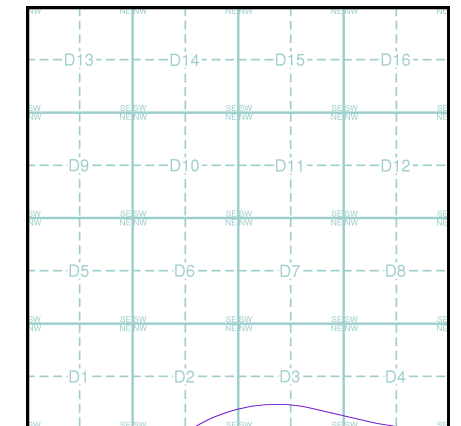


VectorMap Local (Raster) is Ordnance Survey's highest detailed 'backdrop' mapping product. These maps are produced from OS's VectorMap Local, a simple vector dataset at a nominal scale of 1:10,000, covering the whole of Great Britain, that has been designed for creating graphical mapping. OS VectorMap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

Map Name(s) and Date(s)



Historical Map - Slice D

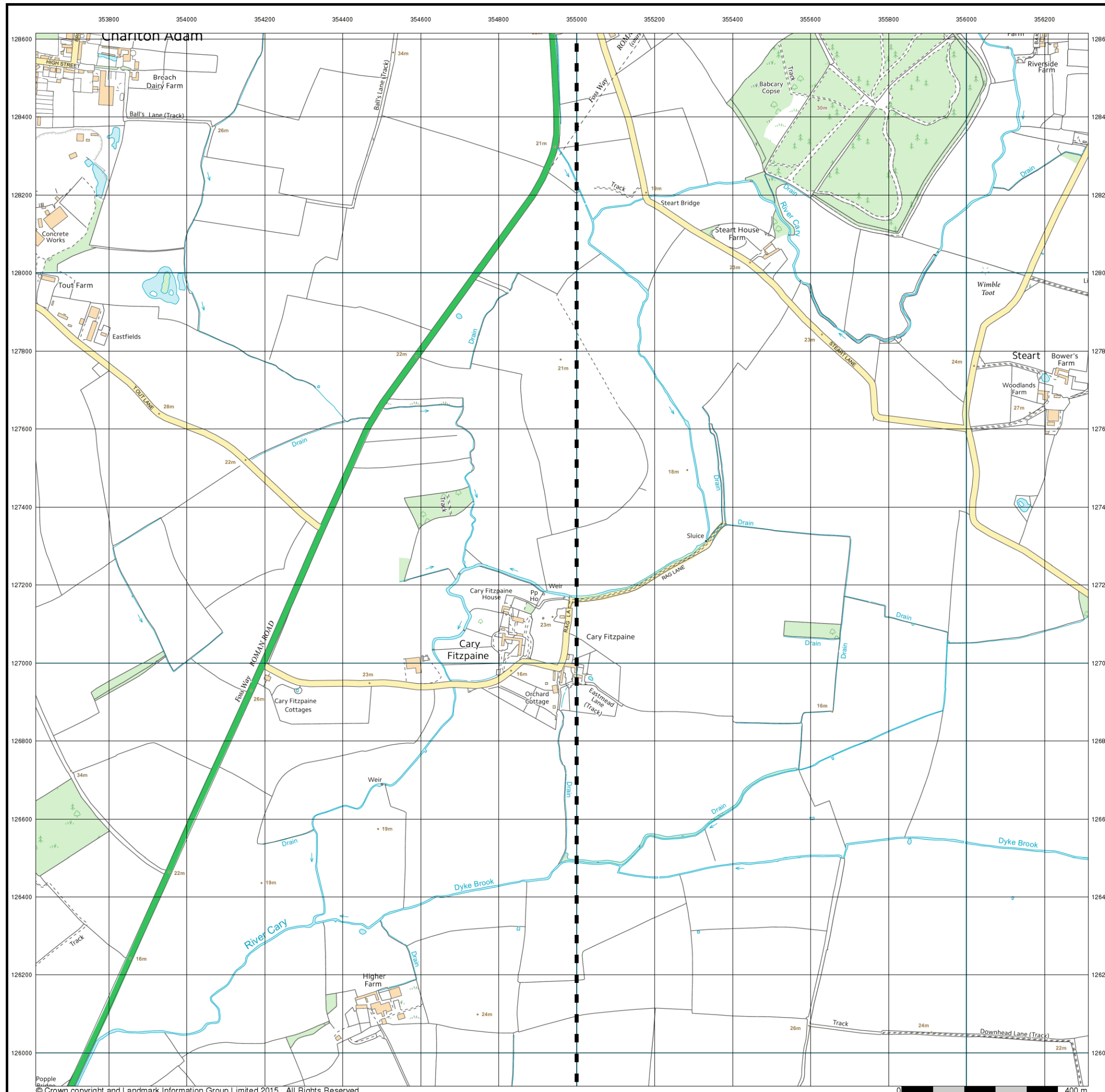


Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 355270, 125980
 Slice: D
 Site Area (Ha): 21.47
 Search Buffer (m): 1000

Site Details

Site at, Sparkford, Somerset



Historical Mapping Legends

Ordnance Survey County Series 1:10,560

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

Ordnance Survey Plan 1:10,000

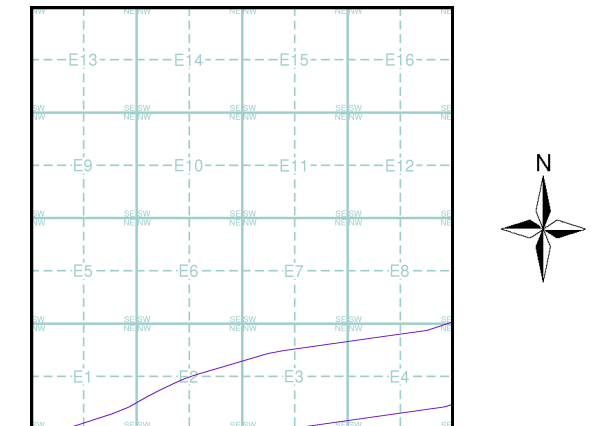
	Chalk Pit, Clay Pit or Quarry		Gravel Pit
	Sand Pit		Disused Pit or Quarry
	Refuse or Slag Heap		Lake, Loch or Pond
	Dunes		Boulders
	Coniferous Trees		Non-Coniferous Trees
	Orchard		Scrub
	Coppice		Heath
	Rough Grassland		Marsh
	Reeds		Saltings
	Building		Glasshouse
	Sloping Masonry		Pylon
	Electricity Transmission Line		Pole
	Cutting		Embankment
	Standard Gauge Multiple Track		Standard Gauge Single Track
	Siding, Tramway or Mineral Line		Narrow Gauge
	Geographical County		
	Administrative County, County Borough or County of City		
	Municipal Borough, Urban or Rural District, Burgh or District Council		
	Borough, Burgh or County Constituency Shown only when not coincident with other boundaries		
	Civil Parish Shown alternately when coincidence of boundaries occurs		
	BP, BS Boundary Post or Stone		Pol Sta Police Station
	Ch Church		PO Post Office
	CH Club House		PC Public Convenience
	F E Sta Fire Engine Station		PH Public House
	FB Foot Bridge		SB Signal Box
	Fn Fountain		Spr Spring
	GP Guide Post		TCB Telephone Call Box
	MP Mile Post		TCP Telephone Call Post
	MS Mile Stone		W Well

1:10,000 Raster Mapping

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

Mapping Type	Scale	Date	Pg
Somerset	1:10,560	1885 - 1886	2
Somerset	1:10,560	1904	3
Somerset	1:10,560	1930 - 1931	4
Ordnance Survey Plan	1:10,000	1962	5
Ordnance Survey Plan	1:10,000	1982	6
Ordnance Survey Plan	1:10,000	1991	7
10K Raster Mapping	1:10,000	2006	8
VectorMap Local	1:10,000	2015	9

Historical Map - Slice E



Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 358110, 126170
 Slice: E
 Site Area (Ha): 21.47
 Search Buffer (m): 1000

Site Details

Site at, Sparkford, Somerset

Somerset

Published 1885 - 1886

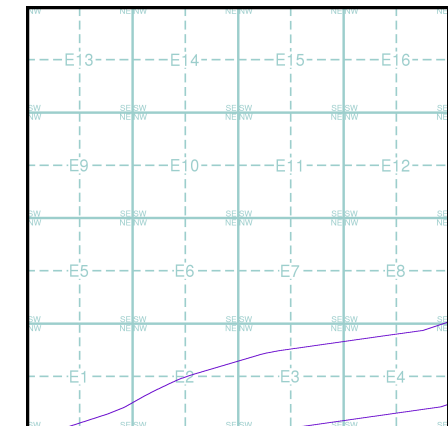
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

064SW 1885 1:10,560	064SE 1885 1:10,560
074NW 1886 1:10,560	074NE 1886 1:10,560

Historical Map - Slice E

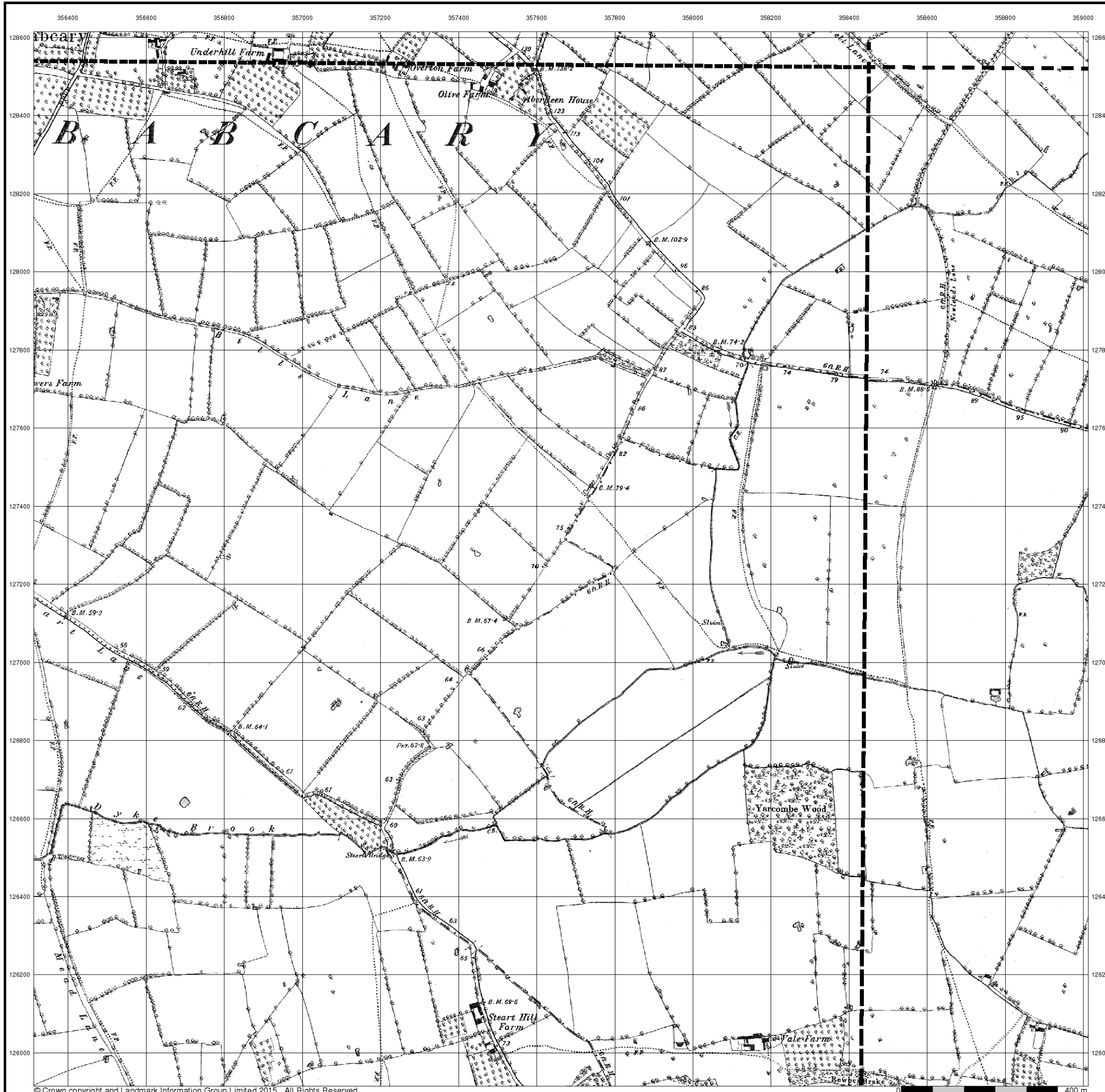


Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 358110, 126170
 Slice: E
 Site Area (Ha): 21.47
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Site Details

Site at, Sparkford, Somerset



Somerset

Published 1904

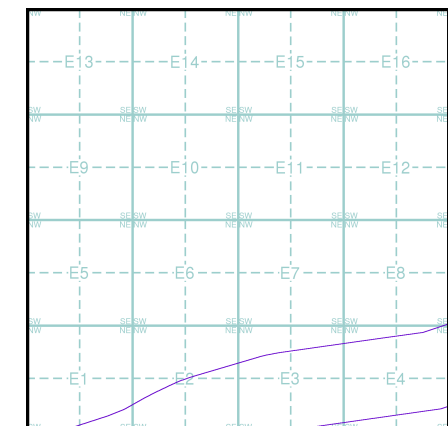
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Map Name(s) and Date(s)

064SW 1904 1:10,560	064SE 1904 1:10,560
074NW 1904 1:10,560	074NE 1904 1:10,560

Historical Map - Slice E

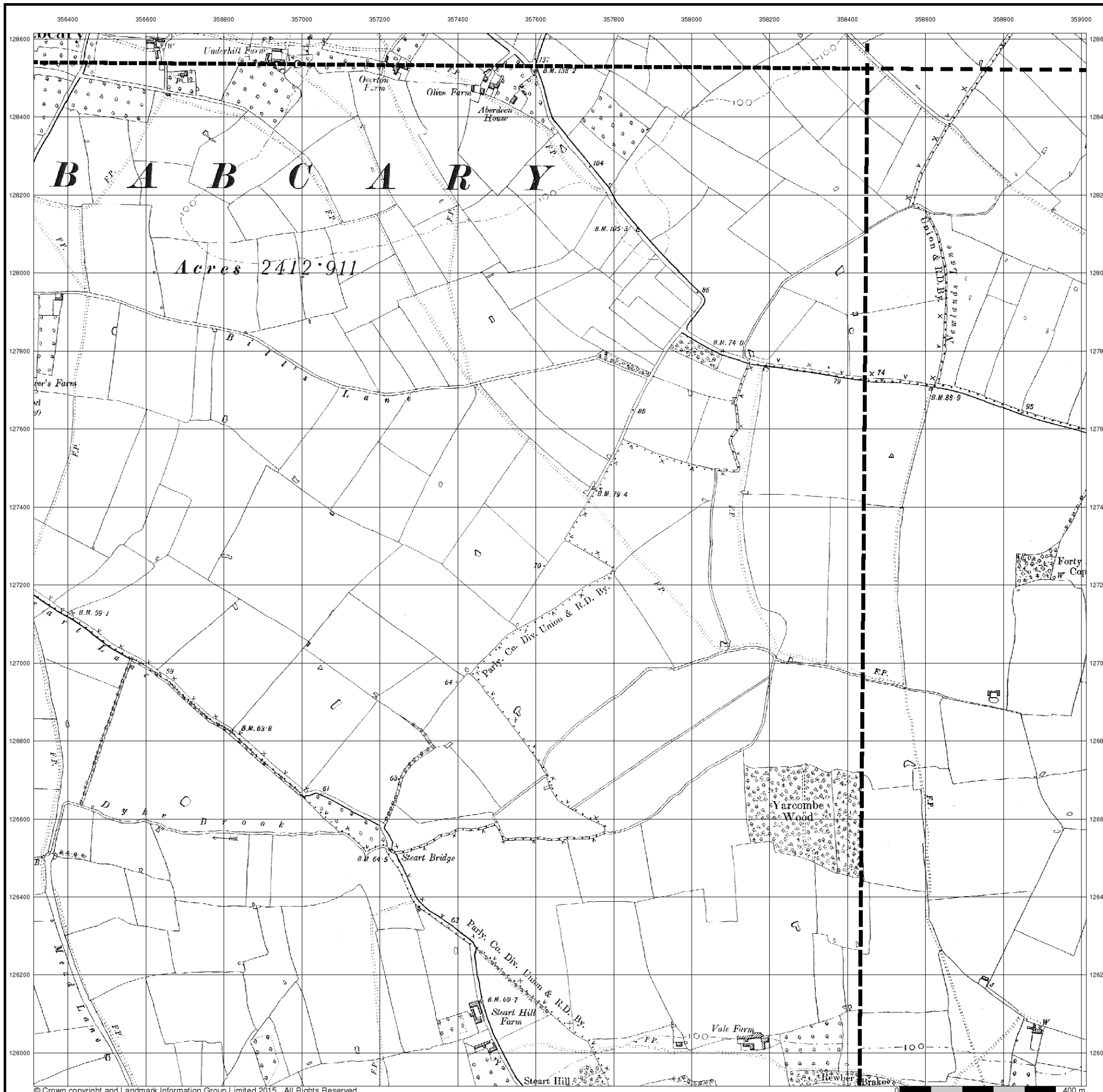


Order Details

Order Number: 79295009_1_1
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 Slice: E
 Site Area (Ha): 21.47
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Site Details

Site at, Sparkford, Somerset

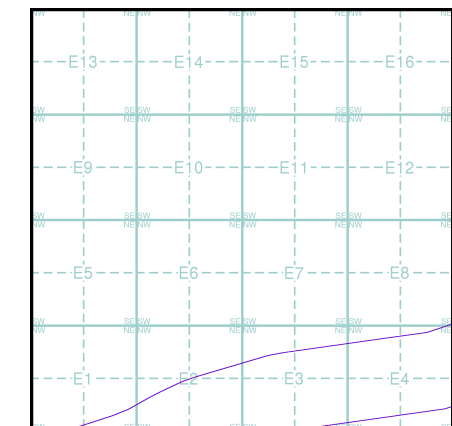


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Map Name(s) and Date(s)

064SW 1930 1:10,560	064SE 1931 1:10,560
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Historical Map - Slice E

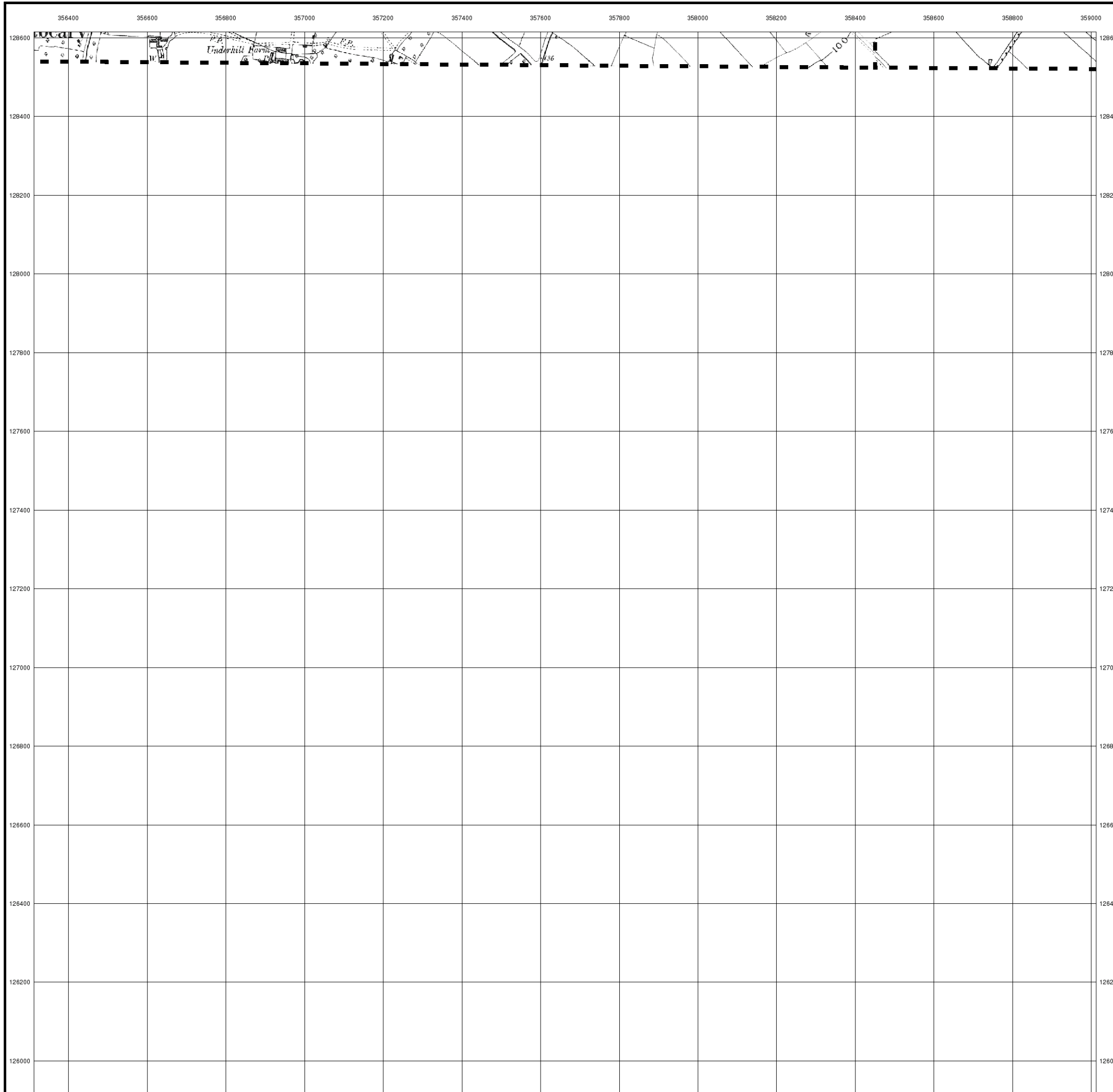


Order Details

Order Number: 79295009_1_1
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Site Details

Site at, Sparkford, Somerset





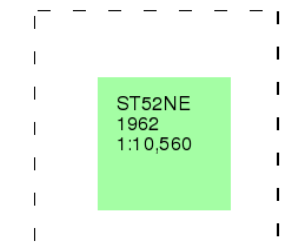
Ordnance Survey Plan

Published 1962

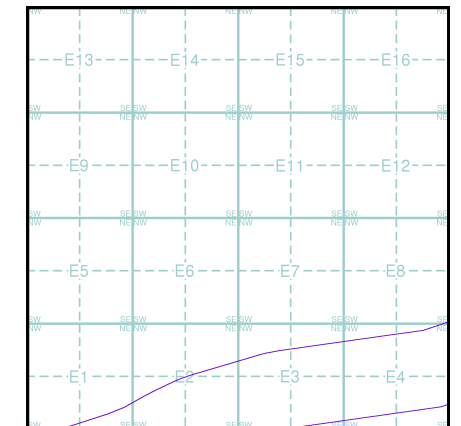
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice E



Order Details

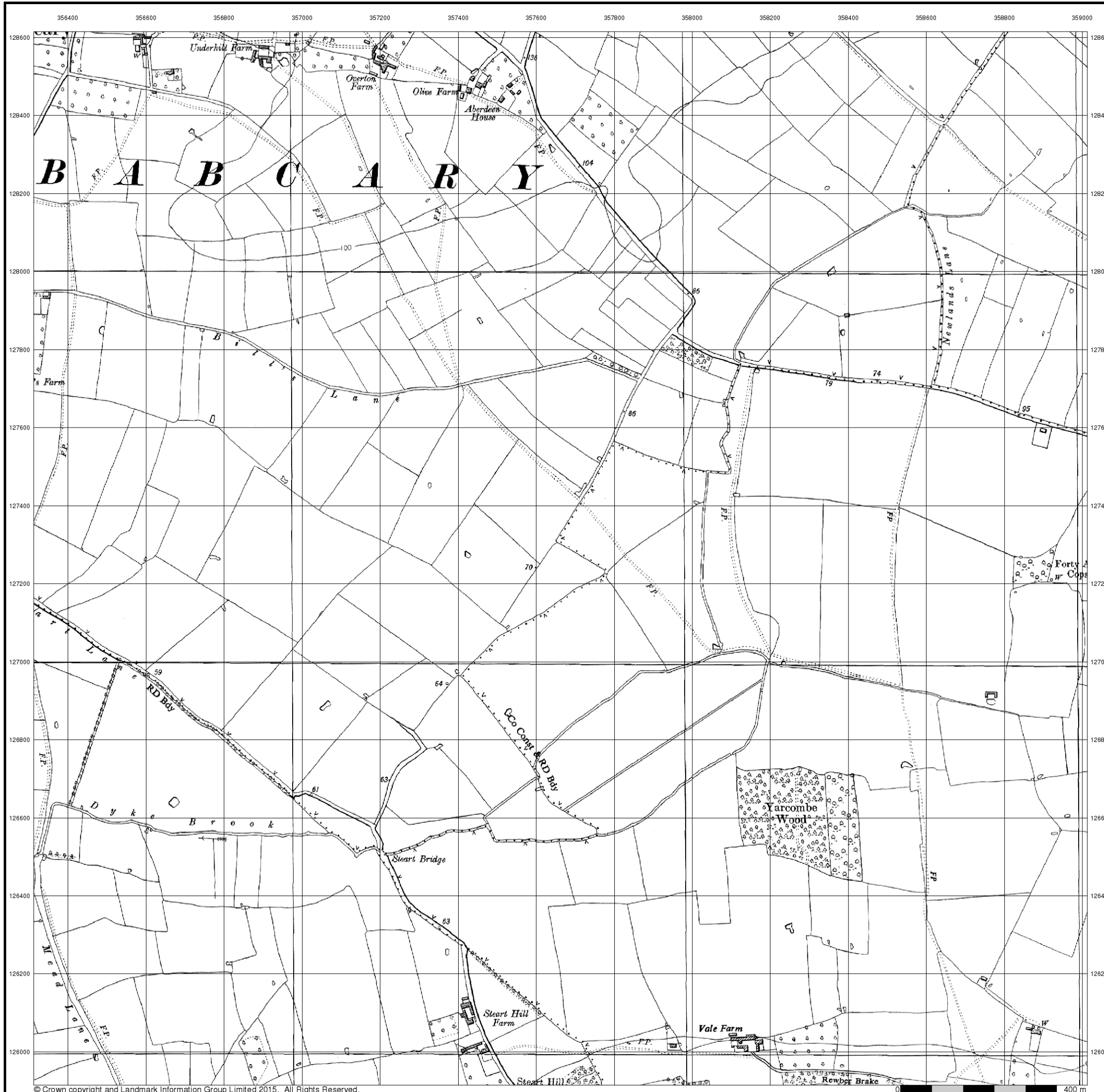
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Customer Ref: A303
National Grid Reference: 358110, 126170
Slice: E
Site Area (Ha): 21.47
Search Buffer (m): 1000

Site Details

Site at, Sparkford, Somerset



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



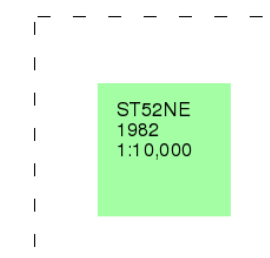
Ordnance Survey Plan

Published 1982

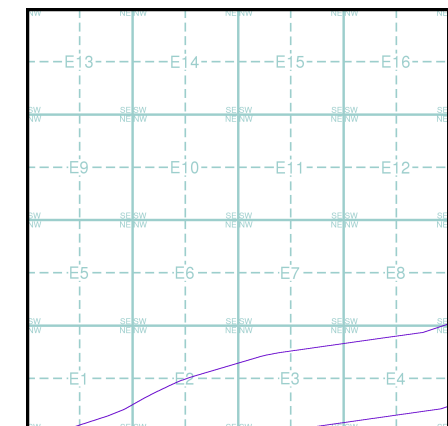
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice E

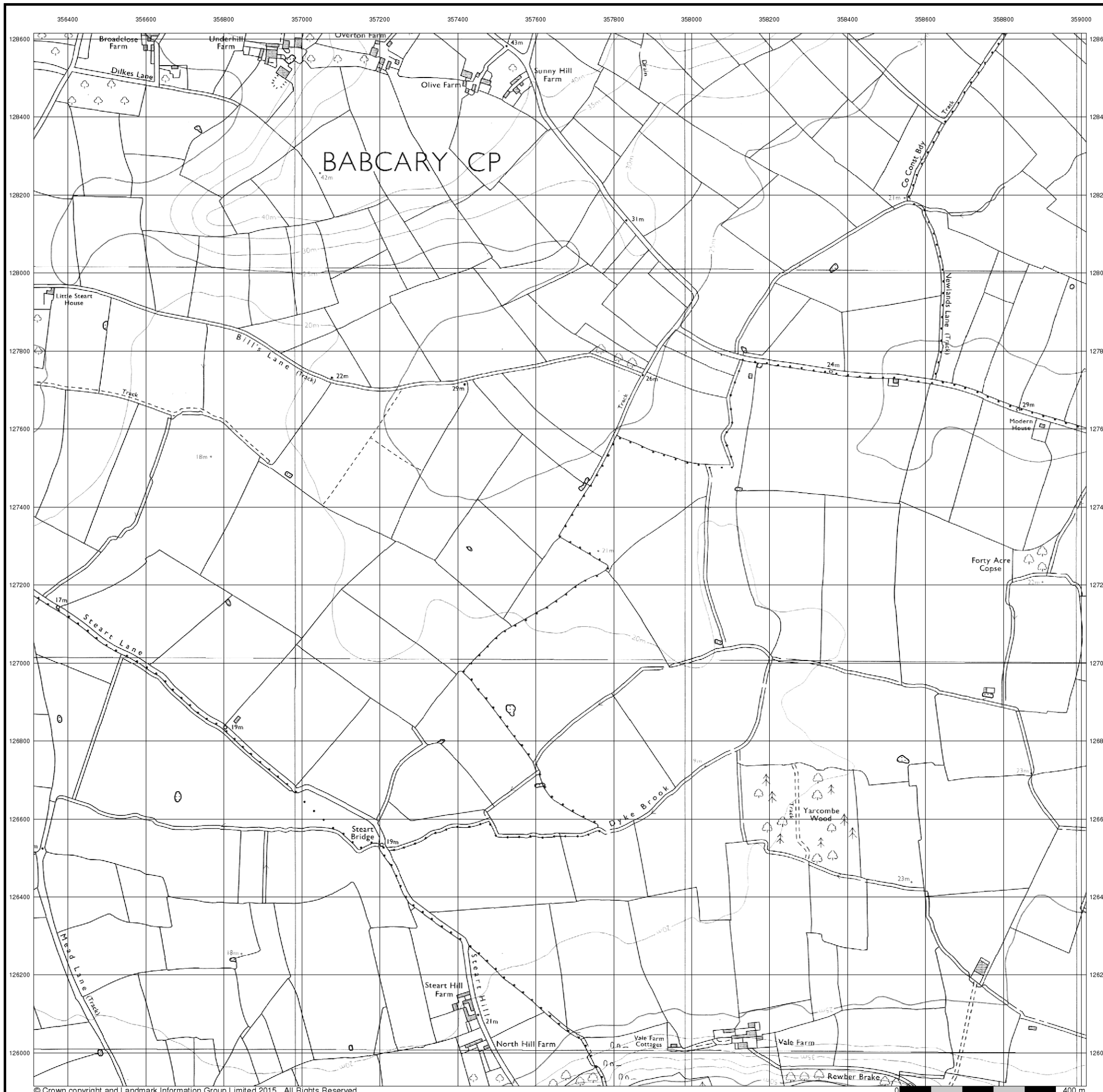


Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 358110, 126170
 Slice: E
 Site Area (Ha): 21.47
 Search Buffer (m): 1000

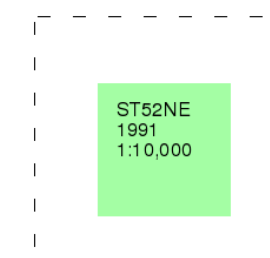
Site Details

Site at, Sparkford, Somerset

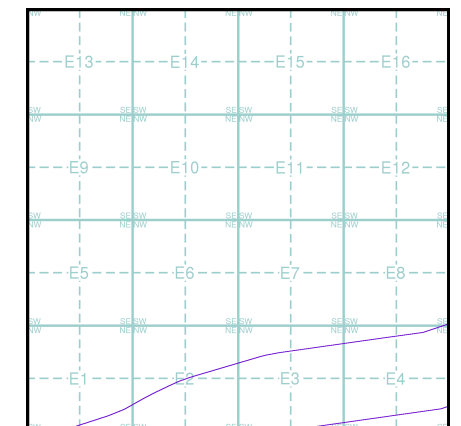


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Map Name(s) and Date(s)



Historical Map - Slice E

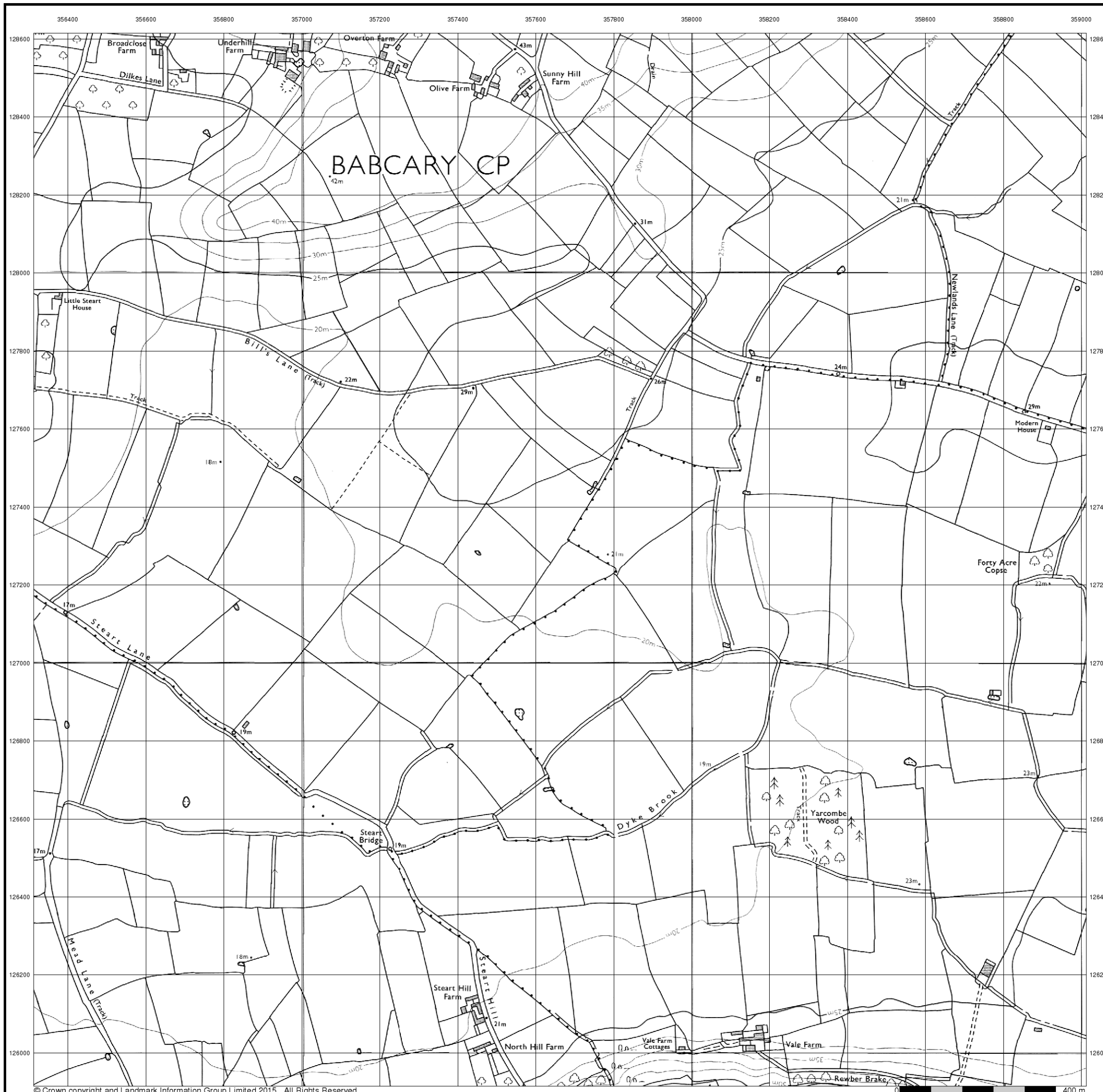


Order Details

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 Slice: E
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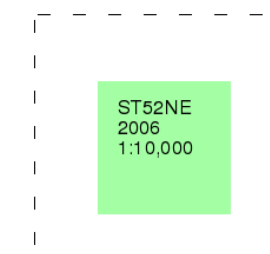
Site Details

Site at, Sparkford, Somerset

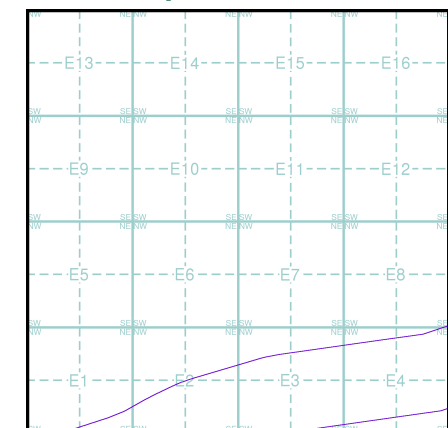


The historical maps shown were produced from the Ordnance Survey's 1:10,000 colour raster mapping. These maps are derived from Landplan which replaced the old 1:10,000 maps originally published in 1970. The data is highly detailed showing buildings, fences and field boundaries as well as all roads, tracks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

Map Name(s) and Date(s)



Historical Map - Slice E

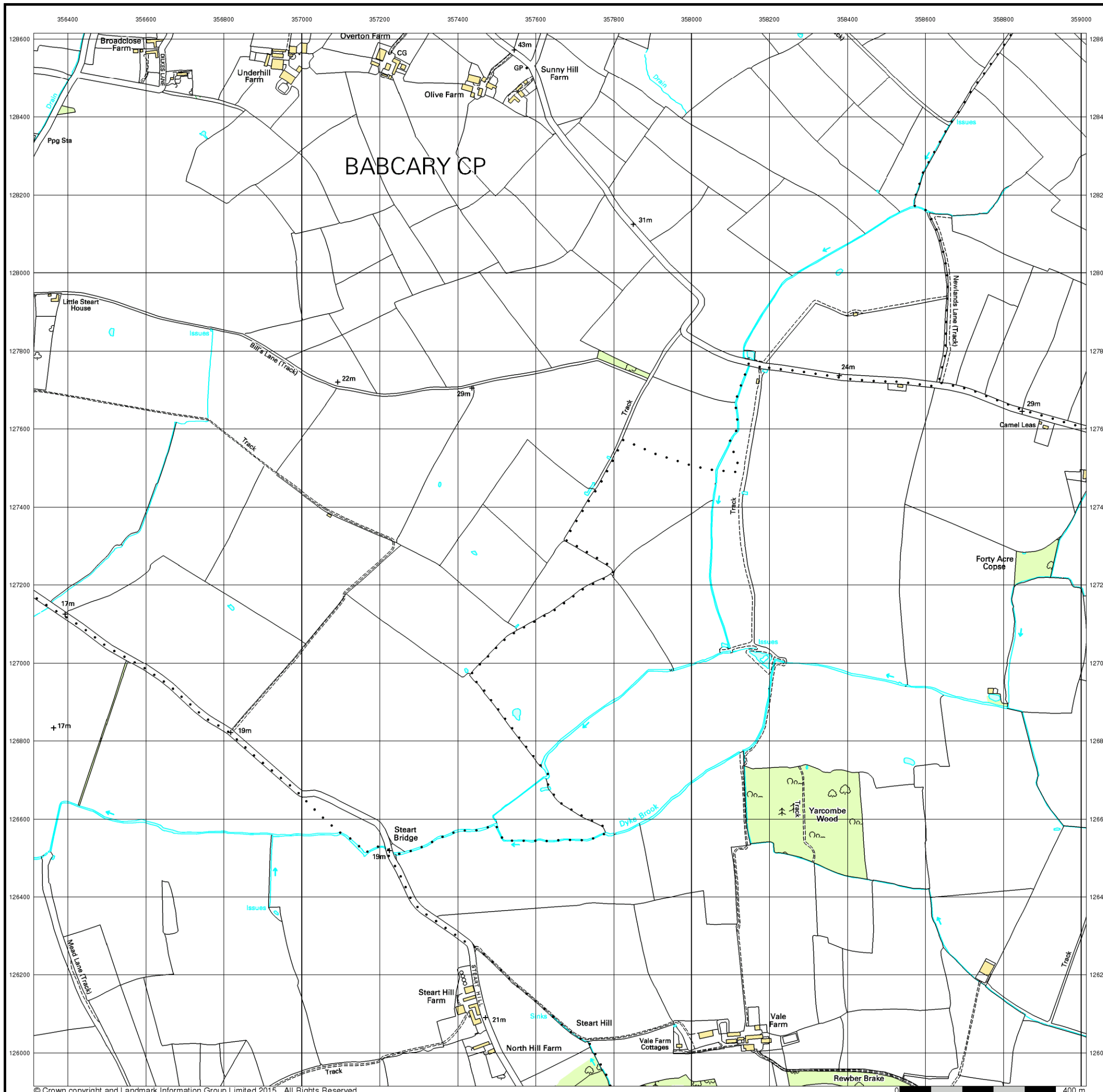


Order Details

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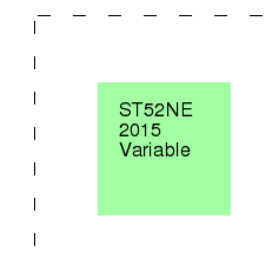
Site Details

Site at, Sparkford, Somerset

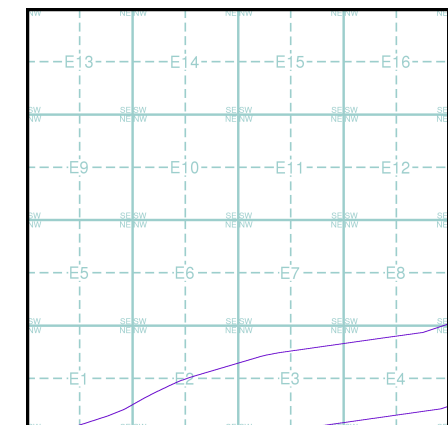


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Map Name(s) and Date(s)



Historical Map - Slice E

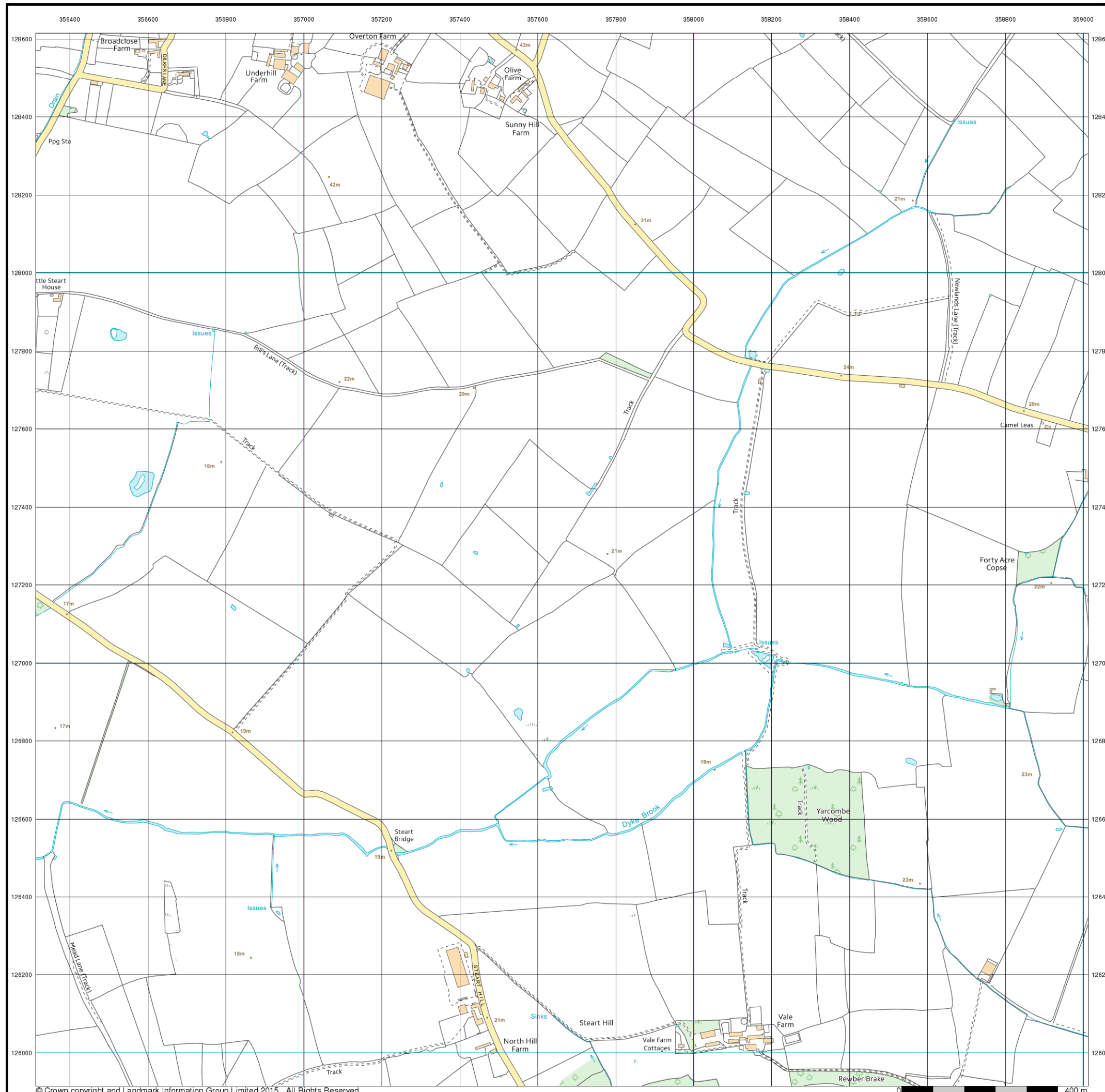


Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 358110, 126170
 Slice: E
 Site Area (Ha): 21.47
 Search Buffer (m): 1000

Site Details

Site at, Sparkford, Somerset



Historical Mapping Legends

Ordnance Survey County Series 1:10,560

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

Ordnance Survey Plan 1:10,000

	Chalk Pit, Clay Pit or Quarry		Gravel Pit
	Sand Pit		Disused Pit or Quarry
	Refuse or Slag Heap		Lake, Loch or Pond
	Dunes		Boulders
	Coniferous Trees		Non-Coniferous Trees
	Orchard		Scrub
	Coppice		
	Bracken		Heath
	Rough Grassland		
	Marsh		Reeds
	Saltings		
	Building		Glasshouse
	Sloping Masonry		Pylon
	Electricity Transmission Line		Pole
	Cutting		Embankment
	Standard Gauge Multiple Track		
	Standard Gauge Single Track		
	Siding, Tramway or Mineral Line		
	Narrow Gauge		
	Geographical County		
	Administrative County, County Borough or County of City		
	Municipal Borough, Urban or Rural District, Burgh or District Council		
	Borough, Burgh or County Constituency Shown only when not coincident with other boundaries		
	Civil Parish Shown alternately when coincidence of boundaries occurs		
	BP, BS Boundary Post or Stone		Pol Sta Police Station
	Ch Church		PO Post Office
	CH Club House		PC Public Convenience
	F E Sta Fire Engine Station		PH Public House
	FB Foot Bridge		SB Signal Box
	Fn Fountain		Spr Spring
	GP Guide Post		TCB Telephone Call Box
	MP Mile Post		TCP Telephone Call Post
	MS Mile Stone		W Well

1:10,000 Raster Mapping

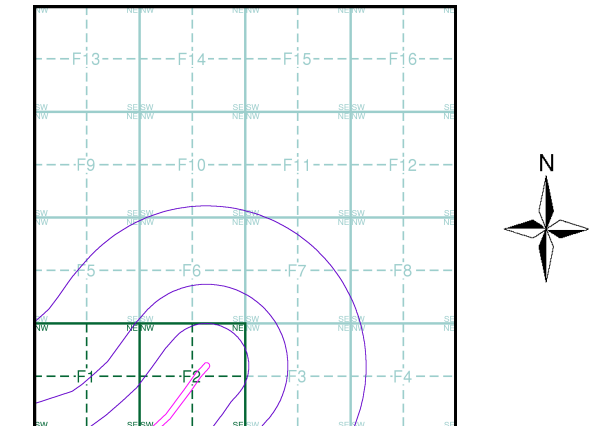
	Gravel Pit		Refuse tip or slag heap
	Rock		Rock (scattered)
	Boulders		Boulders (scattered)
	Shingle		Mud
	Sand		Sand Pit
	Slopes		Top of cliff
	General detail		Underground detail
	Overhead detail		Narrow gauge railway
	Multi-track railway		Single track railway
	County boundary (England only)		Civil,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



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Somerset	1:10,560	1885 - 1886	2
Somerset	1:10,560	1904	3
Somerset	1:10,560	1931	4
Ordnance Survey Plan	1:10,000	1962	5
Ordnance Survey Plan	1:10,000	1982 - 1984	6
Ordnance Survey Plan	1:10,000	1991	7
10K Raster Mapping	1:10,000	2006	8
VectorMap Local	1:10,000	2015	9

Historical Map - Slice F



Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 360080, 126540
 Slice: F
 Site Area (Ha): 21.47
 Search Buffer (m): 1000

Site Details

Site at, Sparkford, Somerset



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

Somerset

Published 1885 - 1886

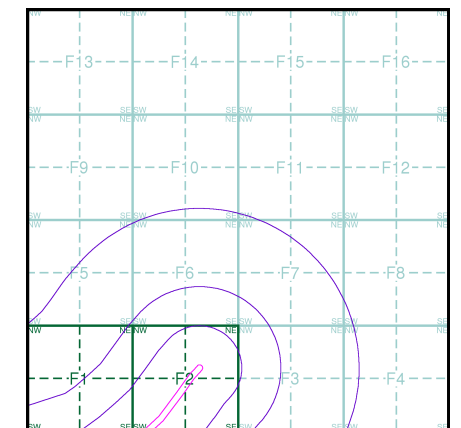
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

064SE
1885
1:10,560
074NE
1886
1:10,560

Historical Map - Slice F

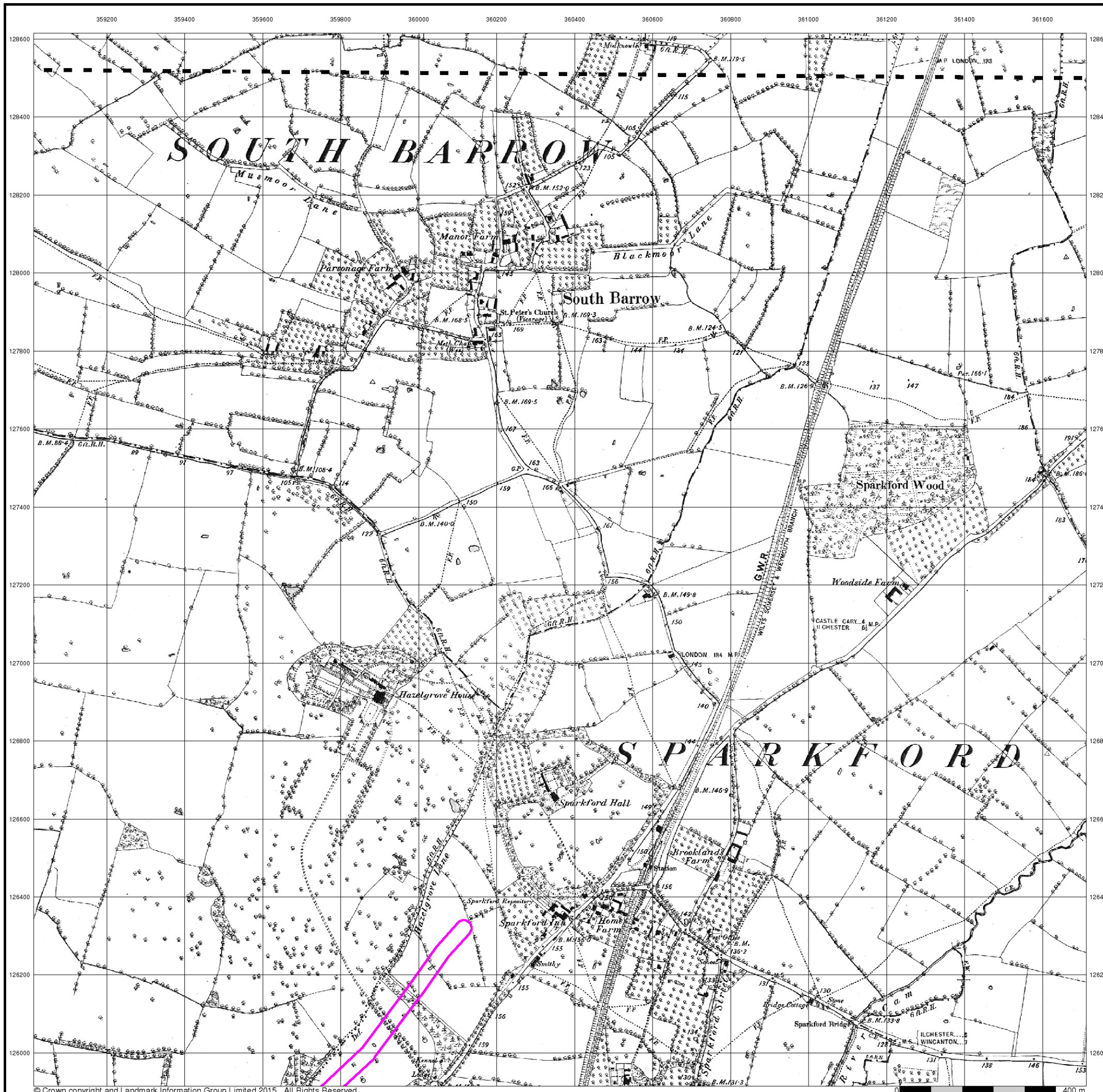


Order Details

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 Customer Ref: A303
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 Slice: F
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 Search Buffer (m): 1000

Site Details

Site at, Sparkford, Somerset



Somerset

Published 1904

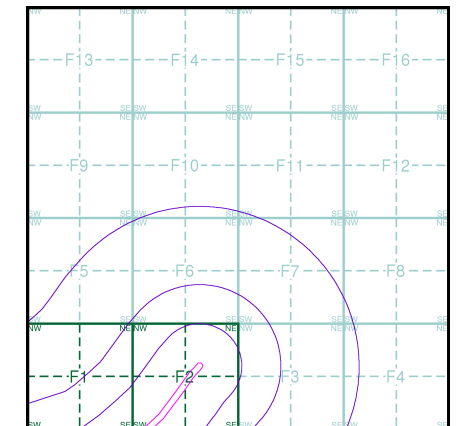
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

064SE	1904	1:10,560
074NE	1904	1:10,560

Historical Map - Slice F



Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 360080, 126540
 Slice: F
 Site Area (Ha): 21.47
 Search Buffer (m): 1000

Site Details

Site at, Sparkford, Somerset



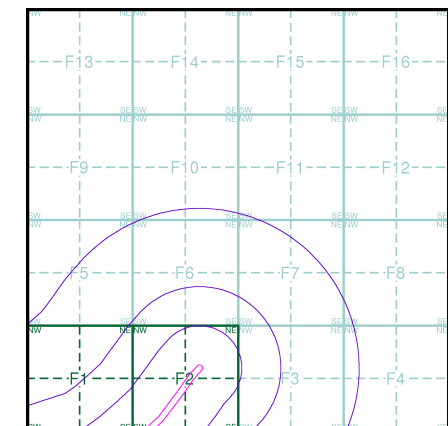
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Map Name(s) and Date(s)

064SE
1931
1:10,560



Historical Map - Slice F

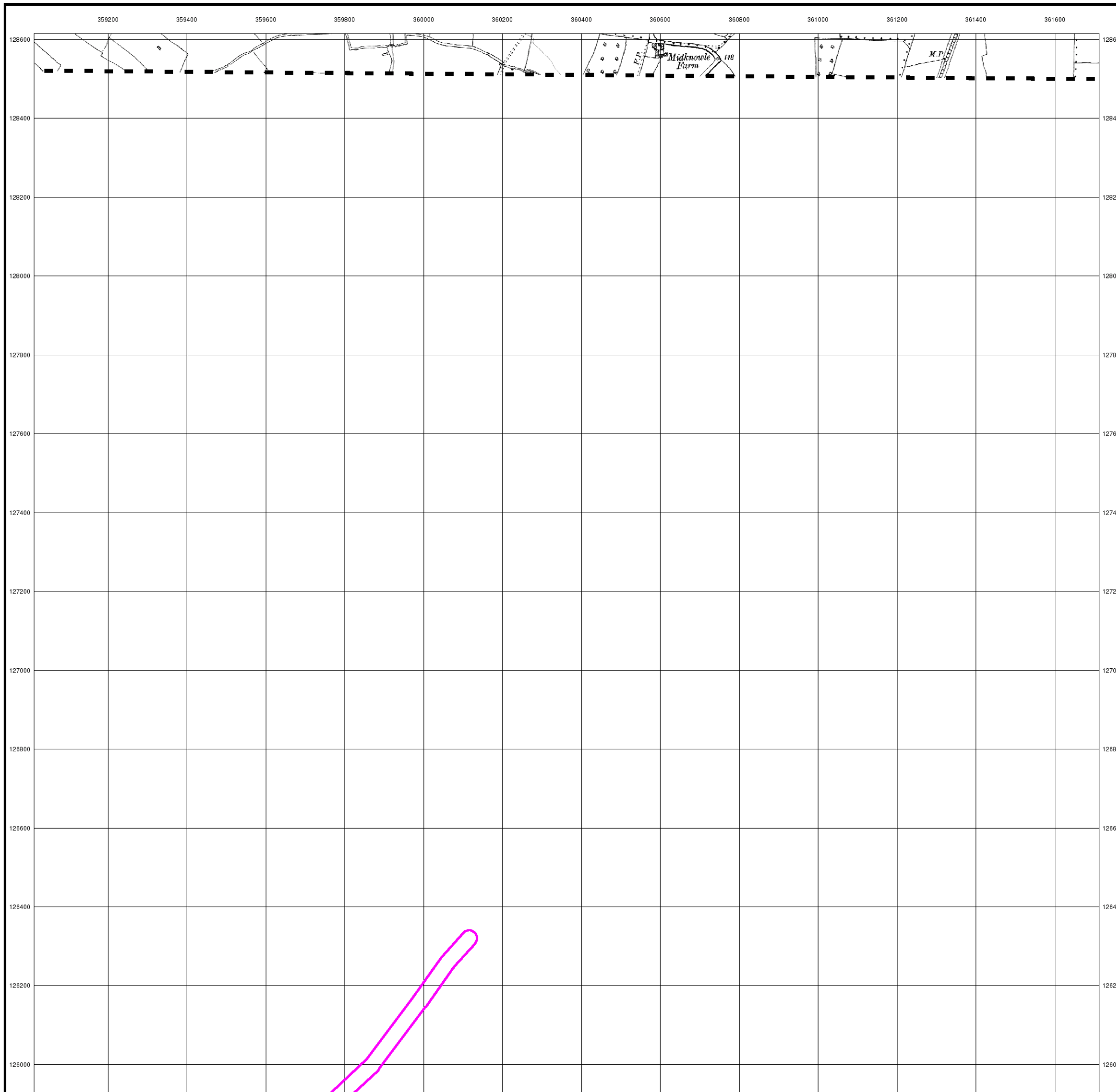


Order Details

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 Slice: F
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 Search Buffer (m): 1000

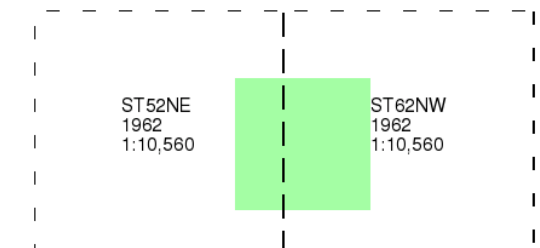
Site Details

Site at, Sparkford, Somerset

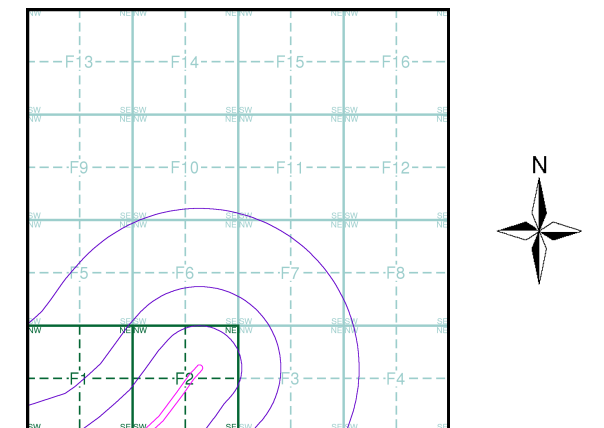


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Historical Map - Slice F

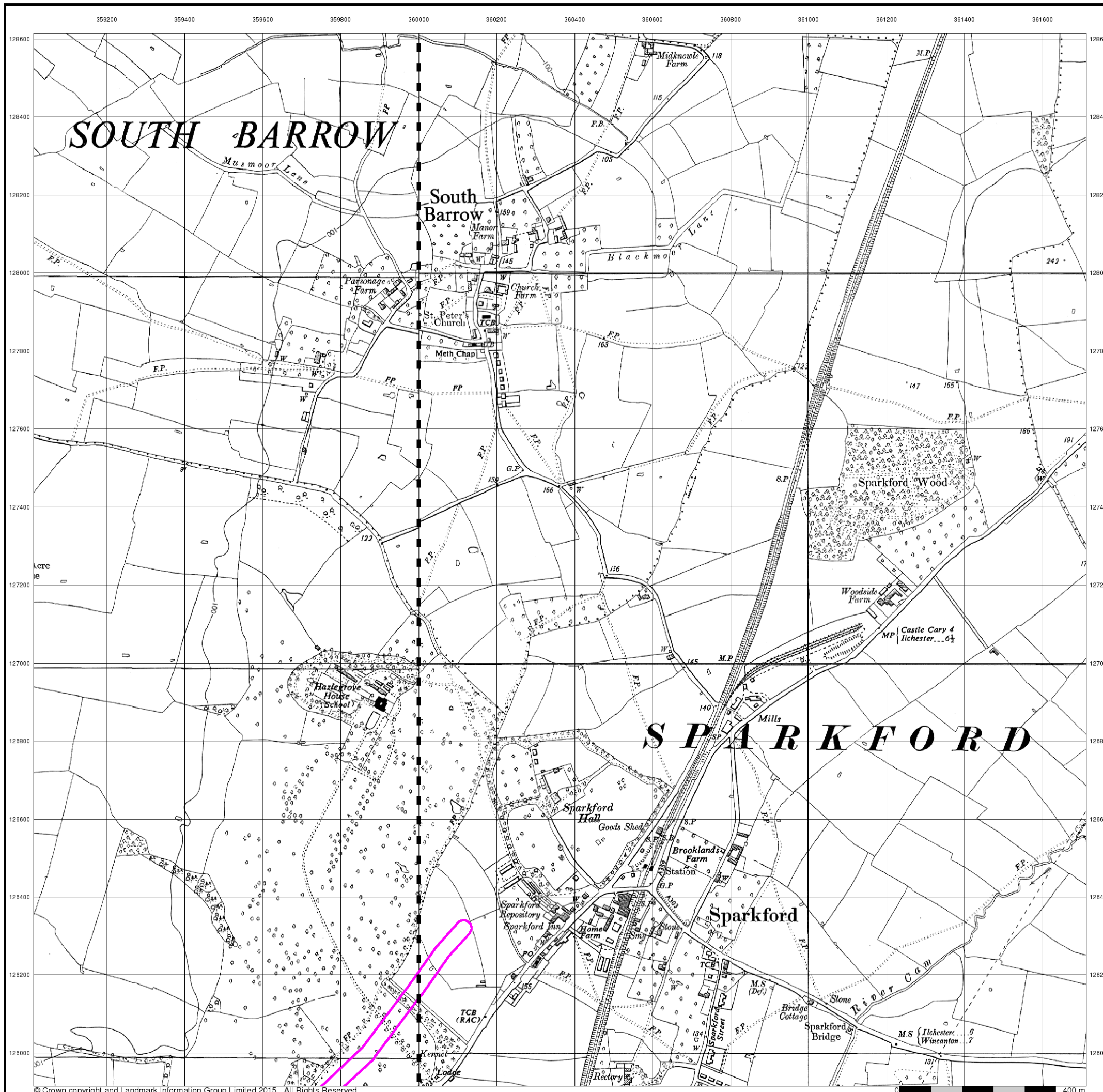


Order Details

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Site Details

Site at, Sparkford, Somerset



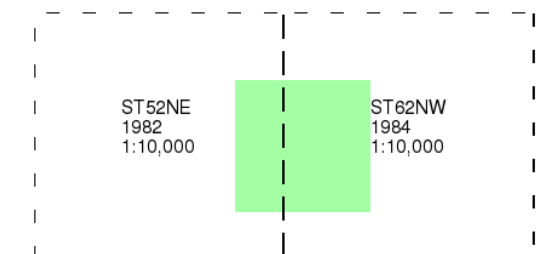
Ordnance Survey Plan

Published 1982 - 1984

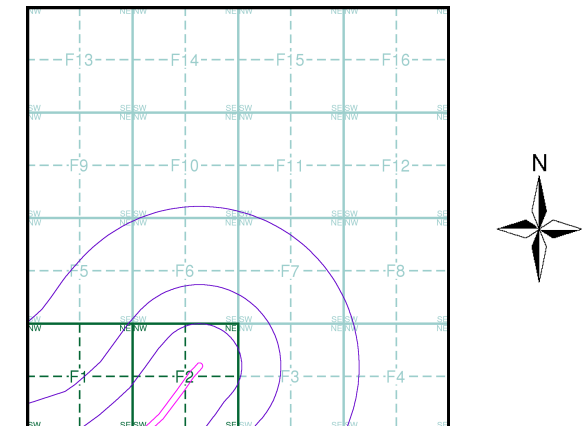
Source map scale - 1:10,000

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Map Name(s) and Date(s)



Historical Map - Slice F

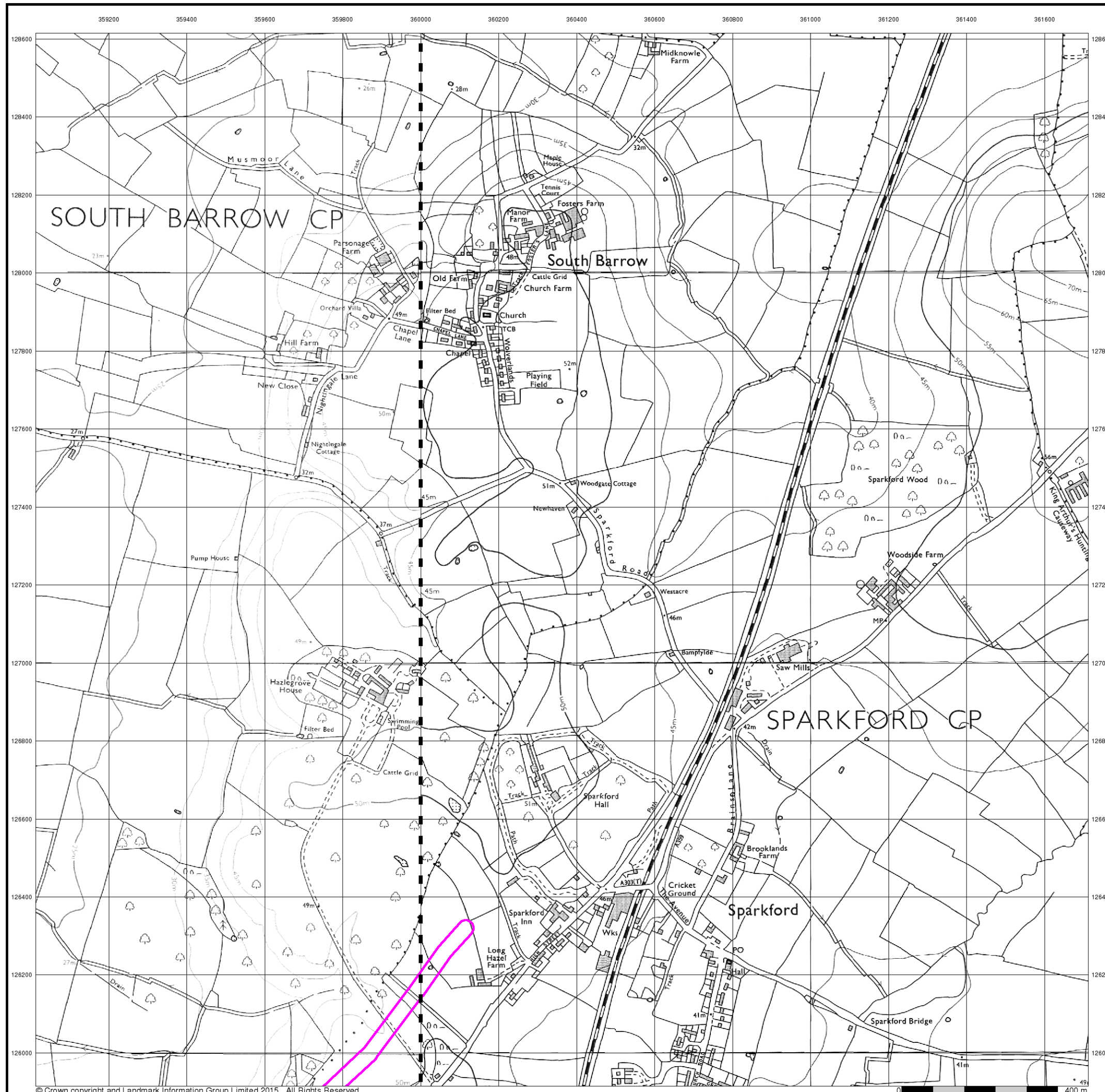


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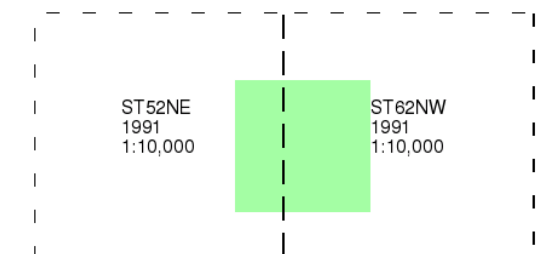
Site Details

Site at, Sparkford, Somerset

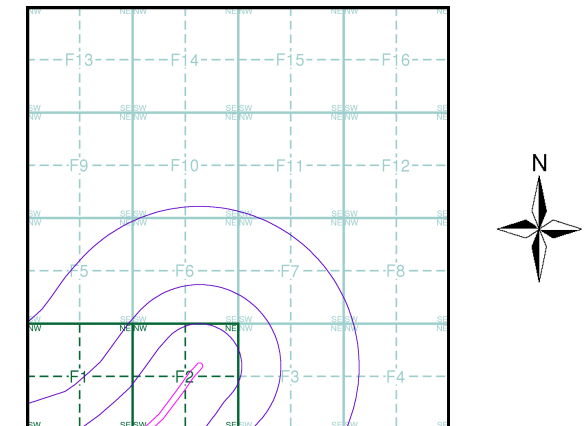


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Map Name(s) and Date(s)



Historical Map - Slice F

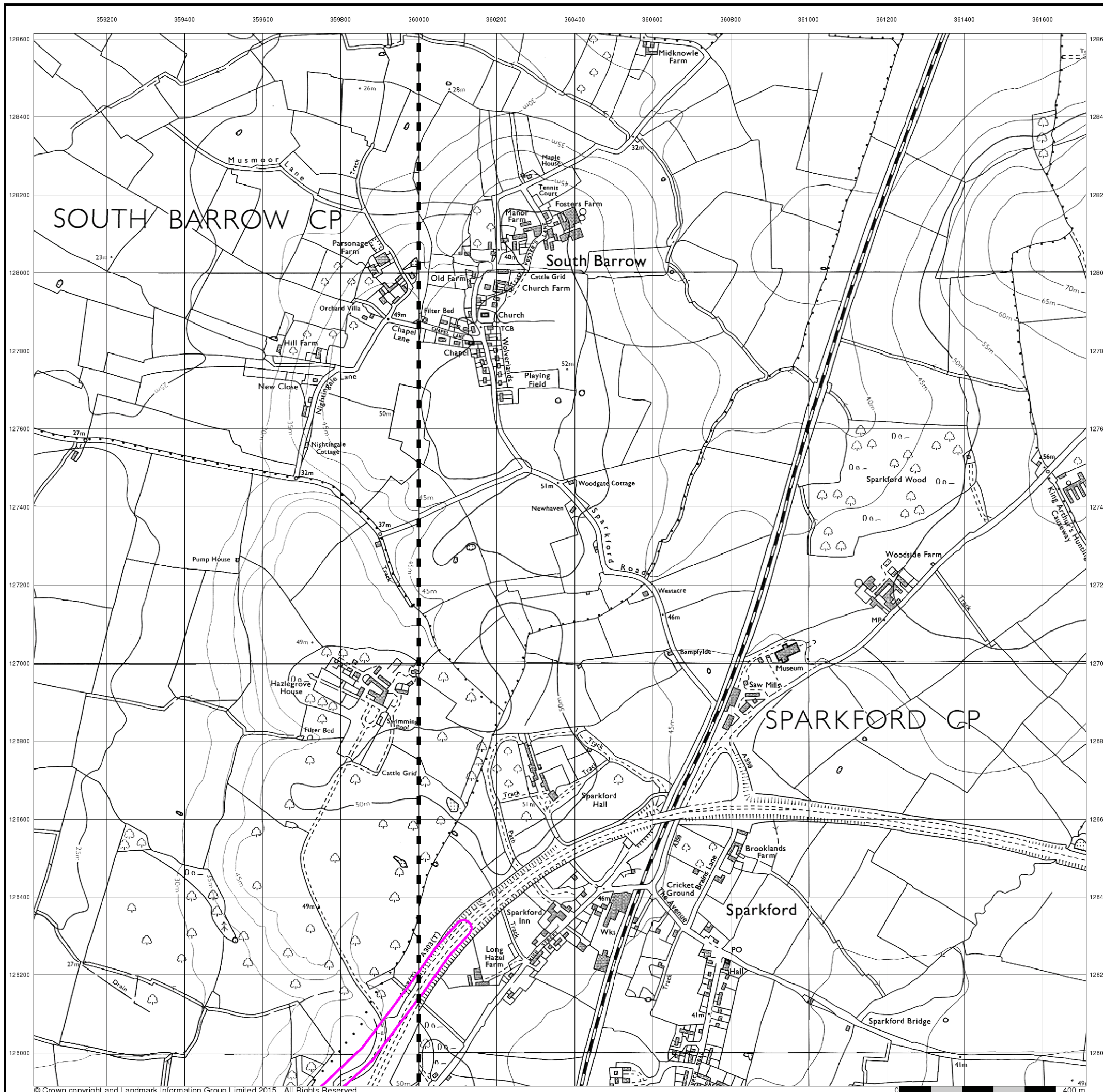


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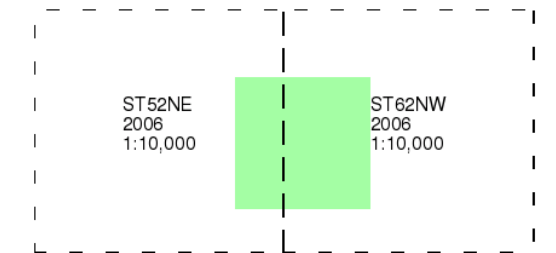
Site Details

Site at, Sparkford, Somerset

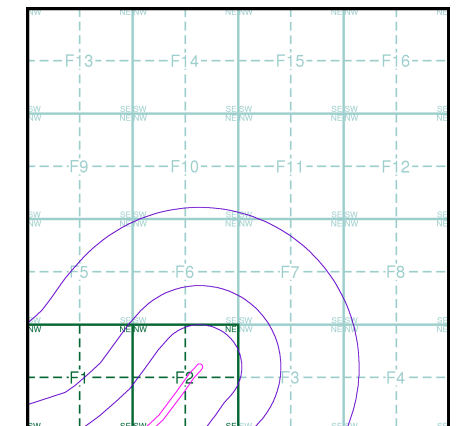


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Map Name(s) and Date(s)



Historical Map - Slice F

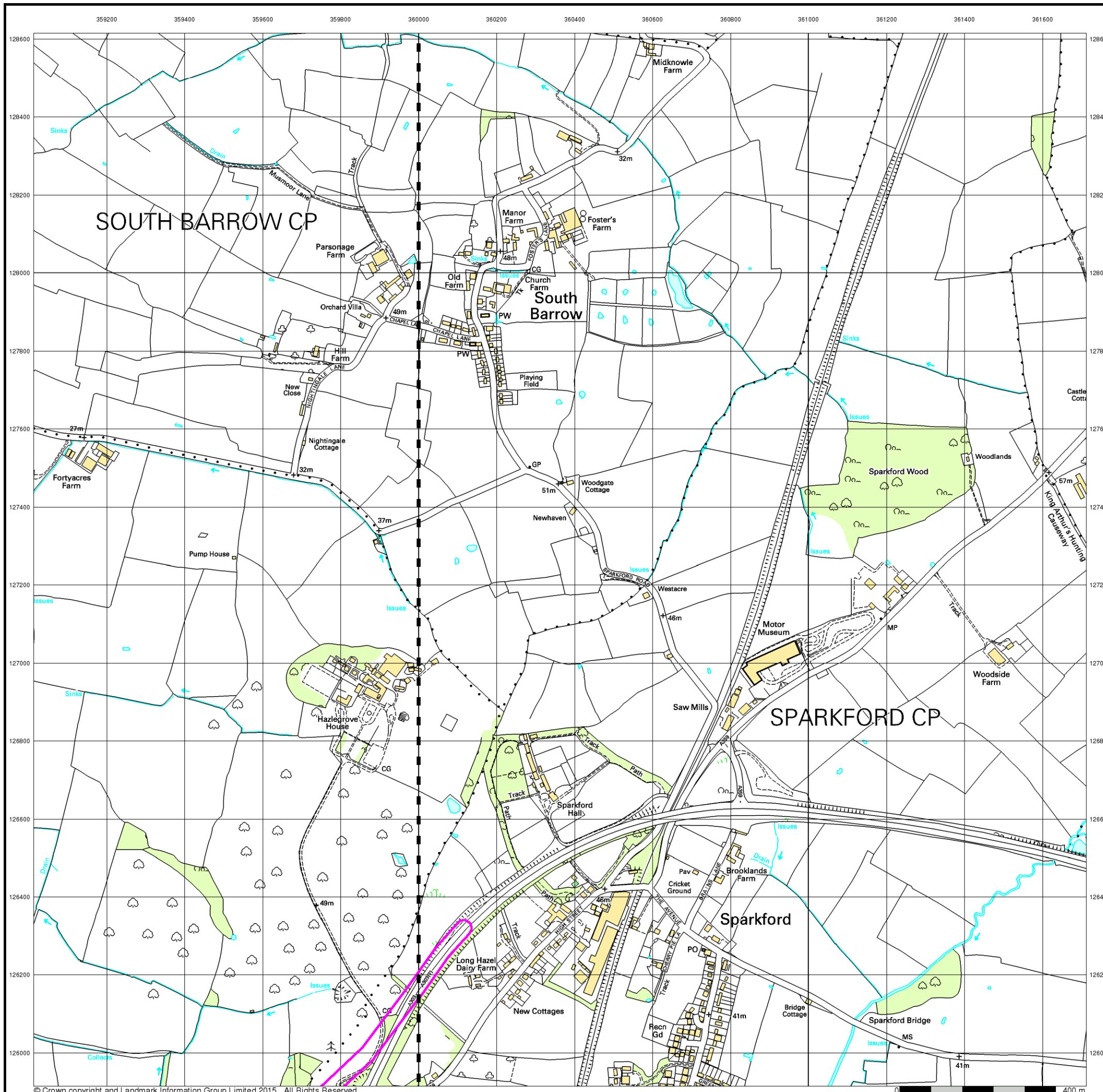


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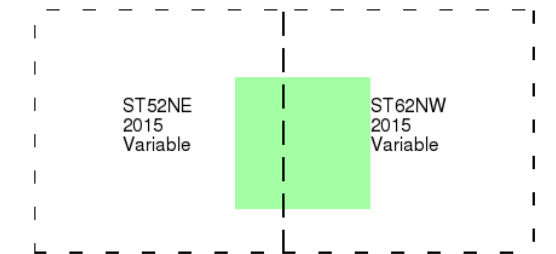
Site Details

Site at, Sparkford, Somerset

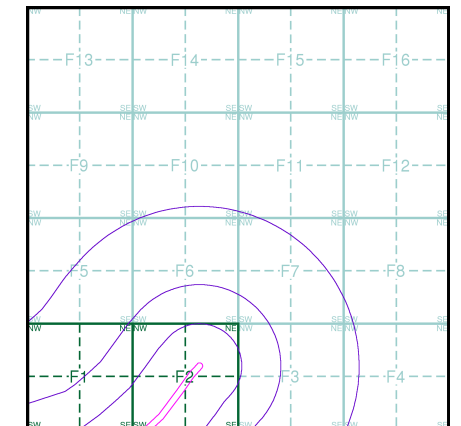


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Map Name(s) and Date(s)



Historical Map - Slice F

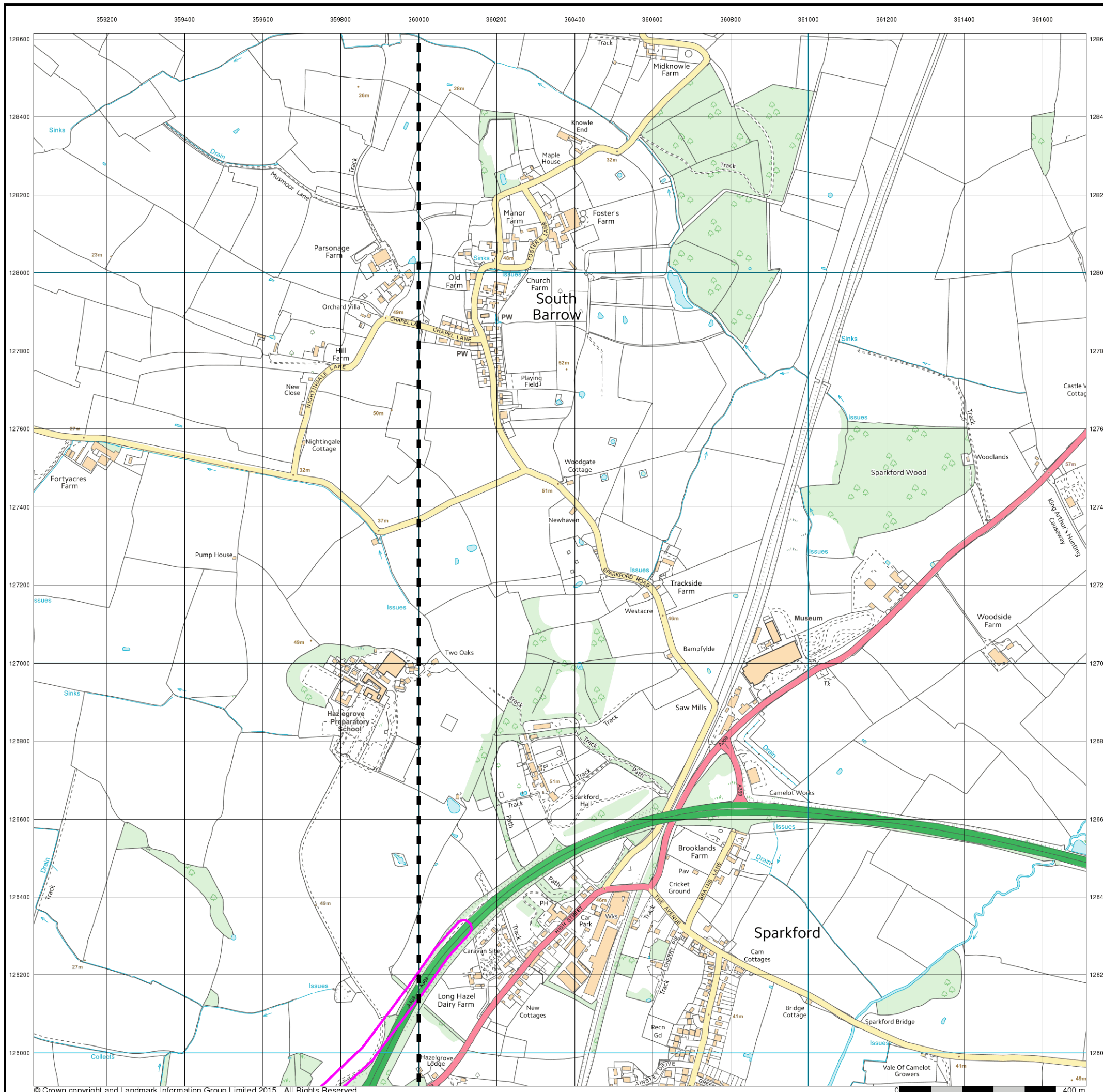


Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 360080, 126540
 Slice: F
 Site Area (Ha): 21.47
 Search Buffer (m): 1000

Site Details

Site at, Sparkford, Somerset



Historical Mapping Legends

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

Quarry **Gravel Pit** **Sand Pit**
Clay Pit **Shingle** **Refuse Heap**
Sloping Masonry **Flat Rock**
Marsh **Reeds** **Osiers**
Rough Pasture **Furze** **Wood**
Mixed Wood **Brushwood** **Orchard**
Fir **Ford** **Stepping Stones**
Ferry **Waterfall** **Lock**
Trig. Station **Altitude at Trig. Station**
B.M. 325.9 **Bench Mark** **Surface Level**
Arrow denotes flow of water **Antiquities (site of)**
Cutting **Embankment**
Railway crossing Road **Level Crossing** **Road crossing Railway**
Railway crossing River or Canal **Road over single stream** **Road over River or Canal**
County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
County Borough Boundary (England)
Co. Boro. Bdy.
County Burgh Boundary (Scotland)
Co. Burgh Bdy.
B.P. B.S. Boundary Post or Stone **P.C.B.** Police Call Box
B.R. Bridle Road **P.** Pump
E.P. Electricity Pylon **S.P.** Signal Post
F.B. Foot Bridge **Sl.** Sluice
F.P. Foot Path **Sp.** Spring
G.P. Guide Post or Board **T.C.B.** Telephone Call Box
M.S. Mile Stone **Tr.** Trough
M.P. M.R. Mooring Post or Ring **W.** Well

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

Inactive Quarry, Chalk Pit or Clay Pit **Active Quarry, Chalk Pit or Clay Pit**
Rock **Boulders**
Cliff **Slopes** **Top**
Roofed Building **Glazed Roof Building**
Sloping Masonry **Archway**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Bench Mark** **Antiquity (site of)**
Cave Entrance **Triangulation Station** **Electricity Pylon**
Electricity Transmission Line
County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
London Borough Boundary
Symbol marking point where boundary mereing changes
BH Beer House **P** Pillar, Pole or Post
BP, BS Boundary Post or Stone **PO** Post Office
Cn, C Capstan, Crane **PC** Public Convenience
Chy Chimney **PH** Public House
D Fn Drinking Fountain **Pp** Pump
EI P Electricity Pillar or Post **SB, S Br** Signal Box or Bridge
FAP Fire Alarm Pillar **SP, SL** Signal Post or Light
FB Foot Bridge **Spr** Spring
GP Guide Post **Tk** Tank or Track
H Hydrant or Hydraulic **TCB** Telephone Call Box
LC Level Crossing **TCP** Telephone Call Post
MH Manhole **Tr** Trough
MP Mile Post or Mooring Post **Wr Pt, Wr T** Water Point, Water Tap
MS Mile Stone **W** Well
NTL Normal Tidal Limit **Wd Pp** Wind Pump

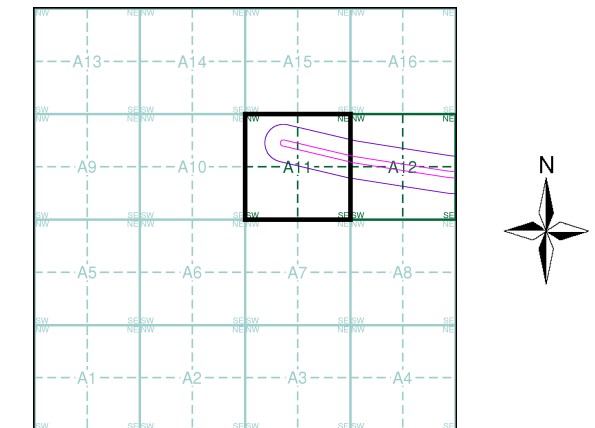
Large-Scale National Grid Data 1:2,500 and 1:1,250

Cliff **Slopes** **Top**
Rock **Rock (scattered)**
Boulders **Boulders (scattered)**
Positioned Boulder **Scree**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Triangulation Station** **Antiquity (site of)**
Electricity Transmission Line **Electricity Pylon**
B.M. 231.60m Bench Mark **Buildings with Building Seed**
Roofed Building **Glazed Roof Building**
Civil parish/community boundary
District boundary
County boundary
Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)
Bks Barracks **P** Pillar, Pole or Post
Bty Battery **PO** Post Office
Cemy Cemetery **PC** Public Convenience
Chy Chimney **Pp** Pump
Cis Cistern **Ppg Sta** Pumping Station
Dismtd Rly Dismantled Railway **PW** Place of Worship
EI Gen Sta Electricity Generating Station **Sewage Ppg Sta** Sewage Pumping Station
EI P Electricity Pole, Pillar **SB, S Br** Signal Box or Bridge
EI Sub Sta Electricity Sub Station **SP, SL** Signal Post or Light
FB Filter Bed **Spr** Spring
Fn / D Fn Fountain / Drinking Ftn. **Tk** Tank or Track
Gas Gov Gas Valve Compound **Tr** Trough
GVC Gas Governor **Wd Pp** Wind Pump
GP Guide Post **Wr Pt, Wr T** Water Point, Water Tap
MH Manhole **Wks** Works (building or area)
MP, MS Mile Post or Mile Stone **W** Well

Grontmij
 Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Somerset	1:2,500	1887	2
Somerset	1:2,500	1903	3
Ordnance Survey Plan	1:2,500	1975	4
Additional SIMs	1:2,500	1979 - 1989	5
Large-Scale National Grid Data	1:2,500	1995	6

Historical Map - Segment A11



Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 355350, 124950
 Slice: A
 Site Area (Ha): 21.47
 Search Buffer (m): 100

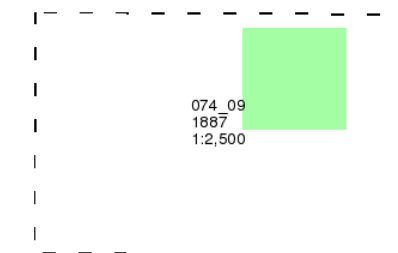
Site Details

Site at, Sparkford, Somerset

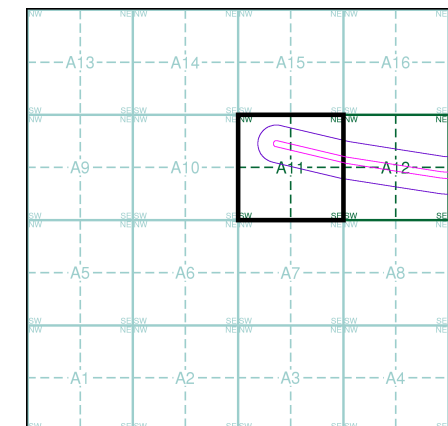
Landmark Information Group
 Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk

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

Map Name(s) and Date(s)



Historical Map - Segment A11

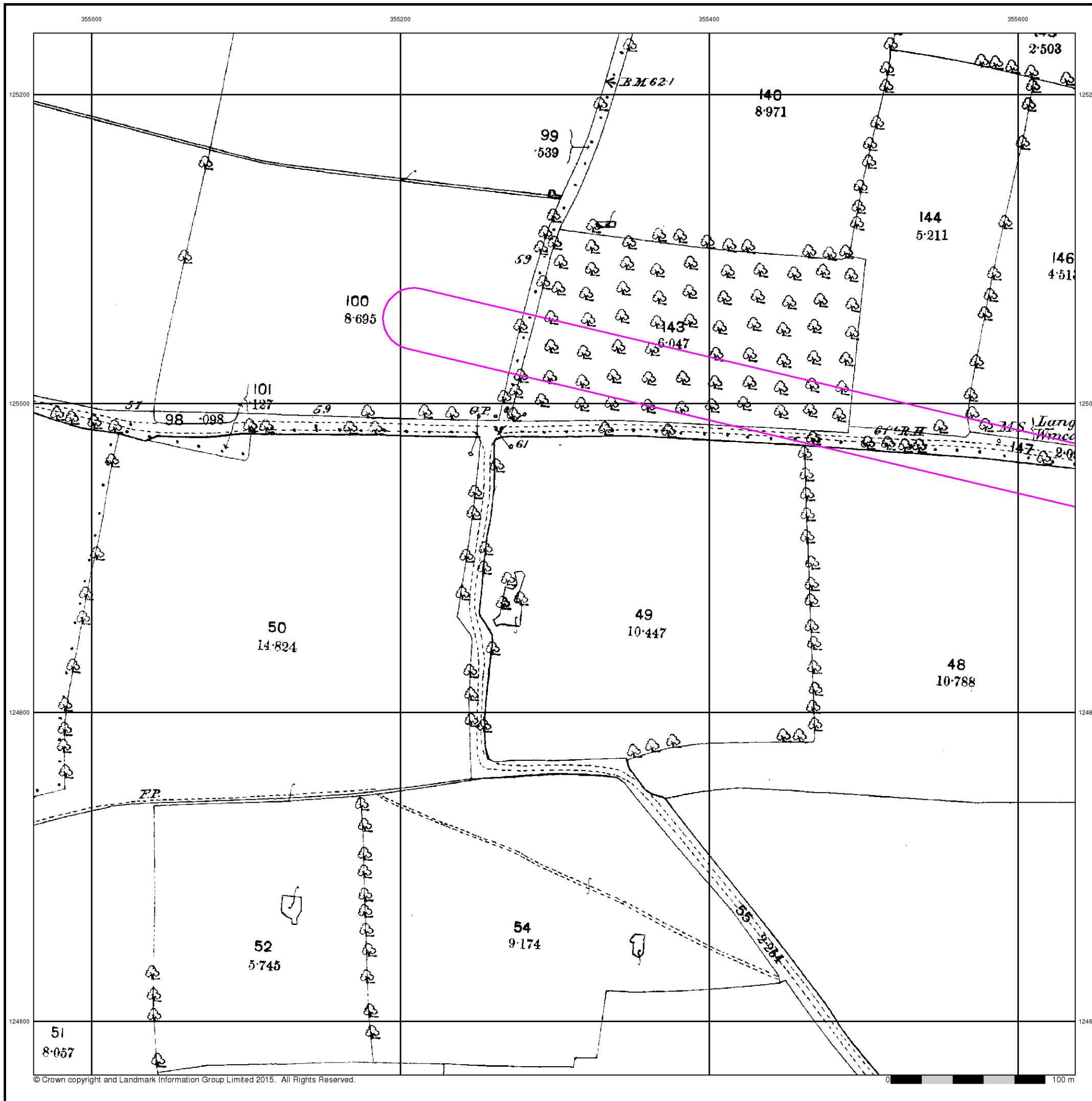


Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 355350, 124950
 Slice: A
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 Search Buffer (m): 100

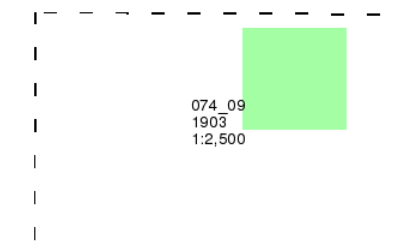
Site Details

Site at, Sparkford, Somerset

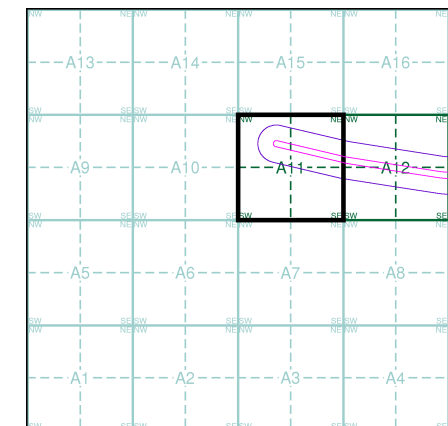


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Map Name(s) and Date(s)



Historical Map - Segment A11

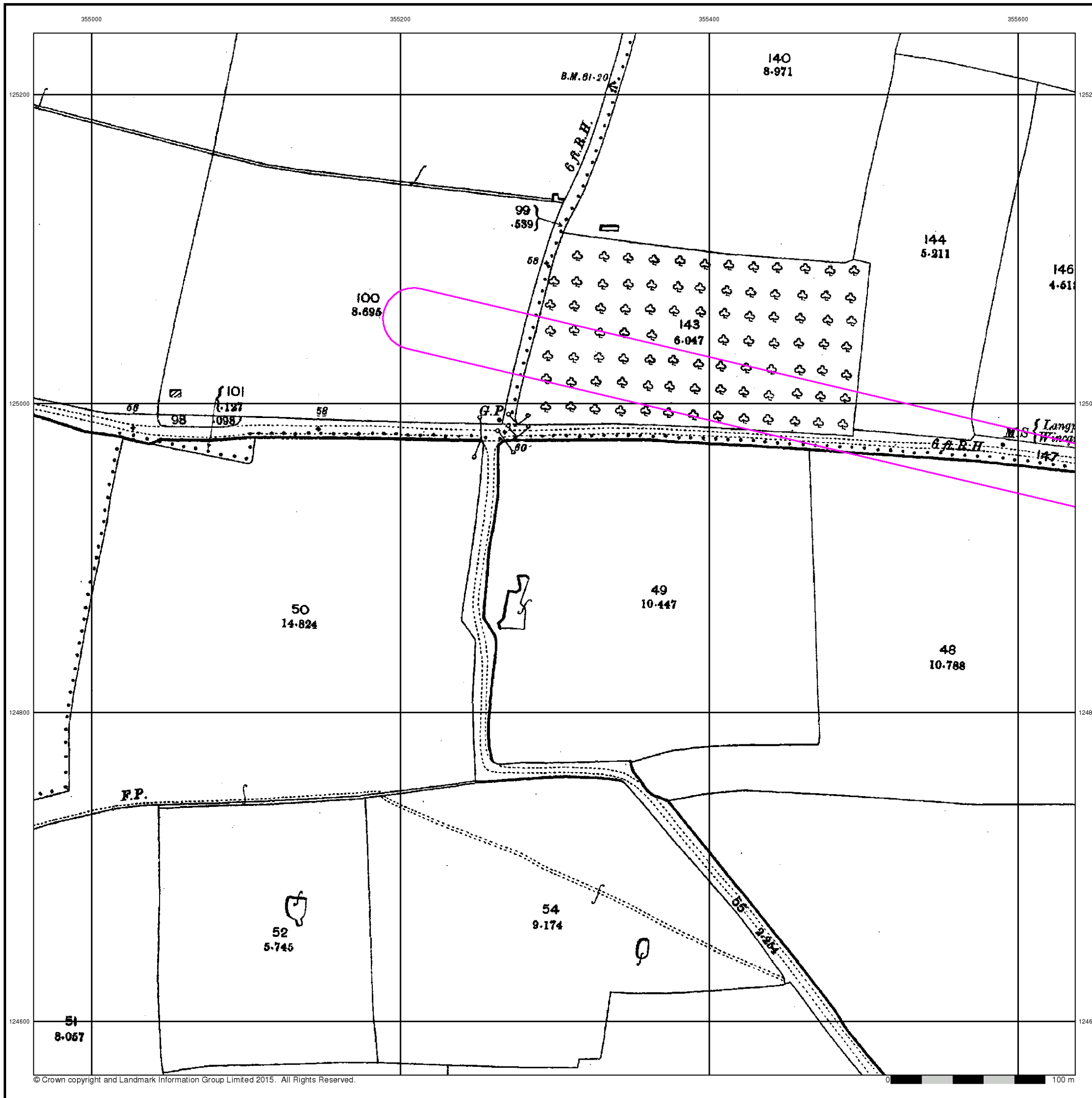


Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 355350, 124950
 Slice: A
 Site Area (Ha): 21.47
 Search Buffer (m): 100

Site Details

Site at, Sparkford, Somerset



Ordnance Survey Plan

Published 1975

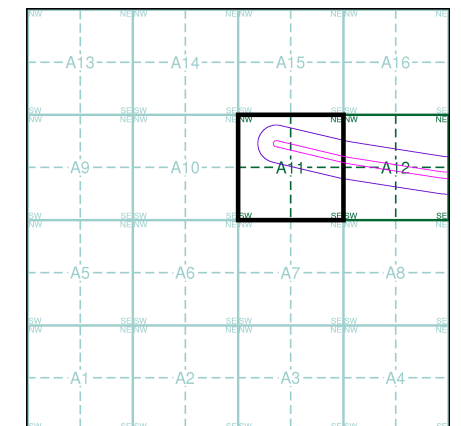
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

ST5425 1975 12,500	ST5525 1975 12,500
ST5424 1975 12,500	ST5524 1975 12,500

Historical Map - Segment A11

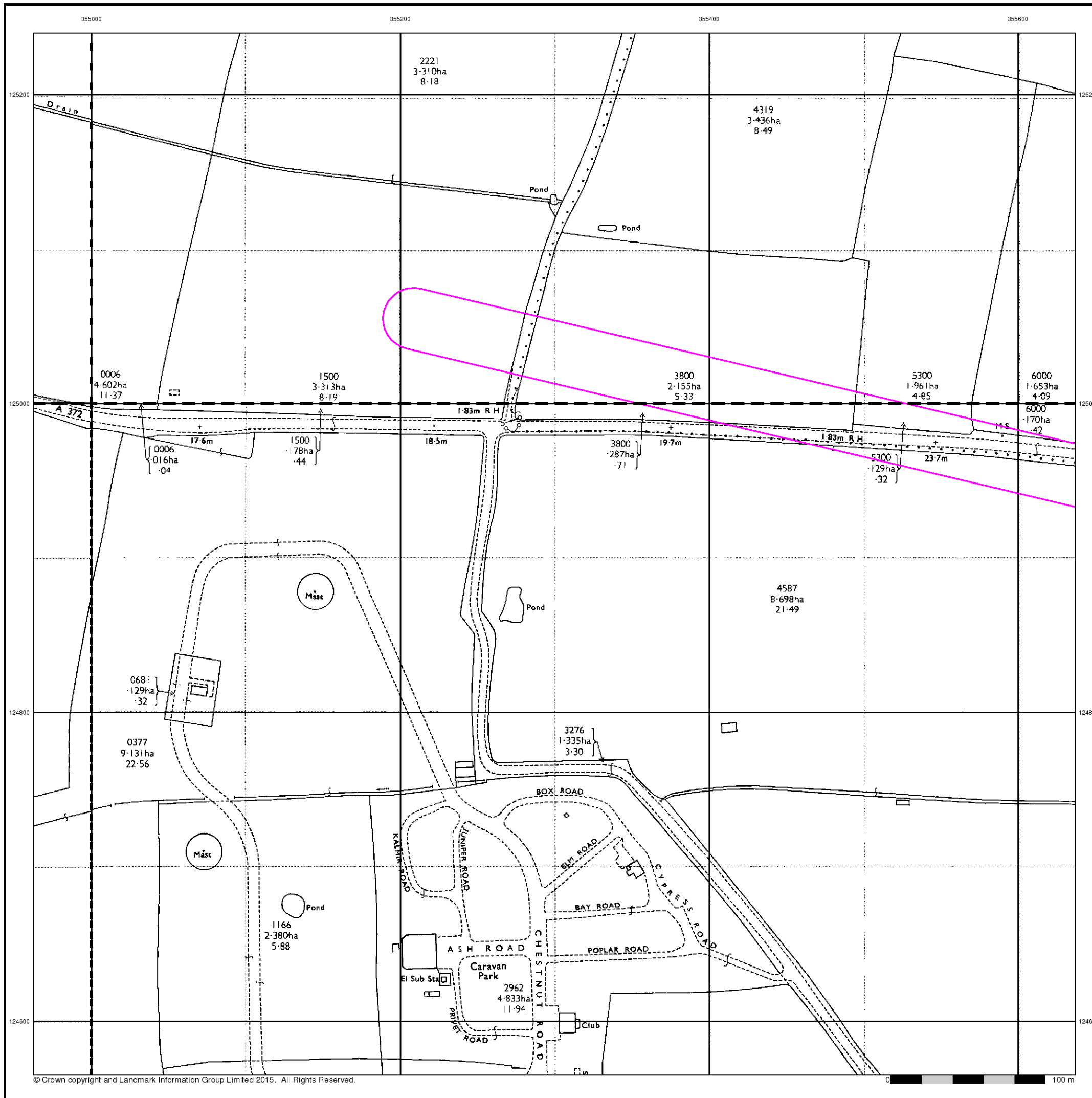


Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 355350, 124950
 Slice: A
 Site Area (Ha): 21.47
 Search Buffer (m): 100

Site Details

Site at, Sparkford, Somerset



Additional SIMs

Published 1979 - 1989

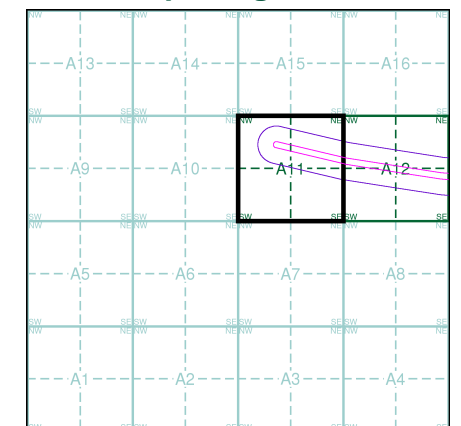
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

ST5425 1980 12,500	ST5525 1979 12,500
<div style="background-color: #90EE90; width: 20px; height: 20px; margin: 0 auto;"></div> ST5524 1989 12,500	

Historical Map - Segment A11

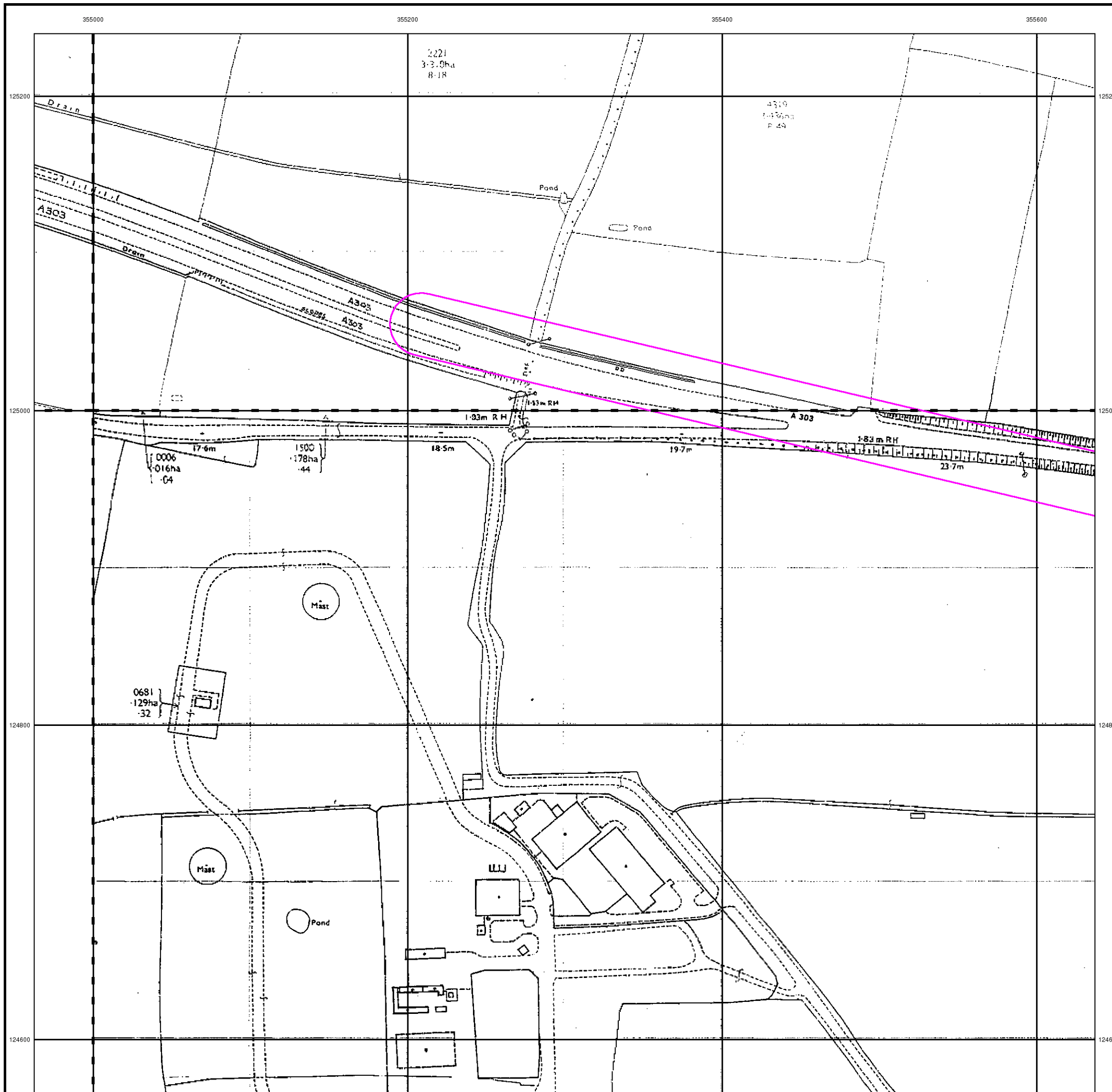


Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 355350, 124950
 Slice: A
 Site Area (Ha): 21.47
 Search Buffer (m): 100

Site Details

Site at, Sparkford, Somerset

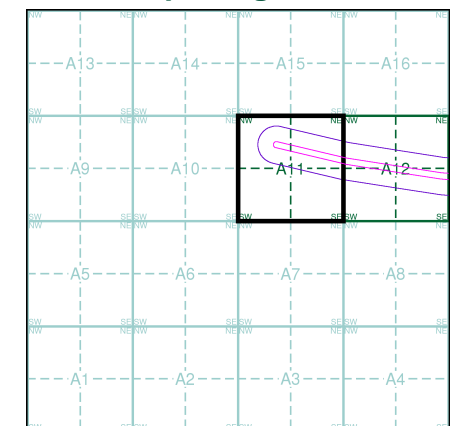


'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic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

Map Name(s) and Date(s)

ST5425 1995 12,500	ST5525 1995 12,500
ST5424 1995 12,500	ST5524 1995 12,500

Historical Map - Segment A11

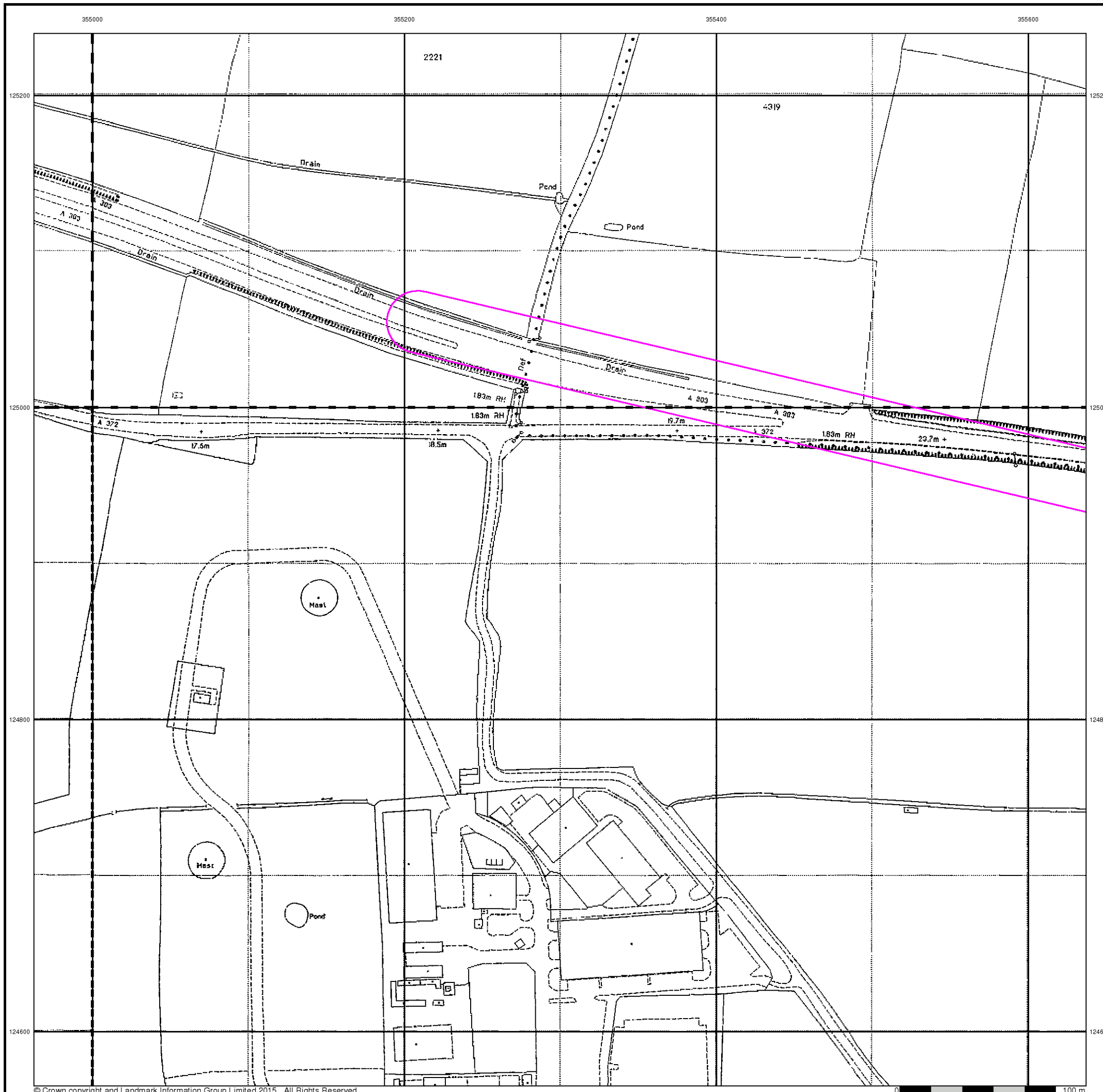


Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 355350, 124950
 Slice: A
 Site Area (Ha): 21.47
 Search Buffer (m): 100

Site Details

Site at, Sparkford, Somerset



Historical Mapping Legends

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

Quarry **Gravel Pit** **Sand Pit**
Clay Pit **Shingle** **Refuse Heap**
Sloping Masonry **Flat Rock**
Marsh **Reeds** **Osiers**
Rough Pasture **Furze** **Wood**
Mixed Wood **Brushwood** **Orchard**
Fir **Ford** **Stepping Stones**
Ferry **Waterfall** **Lock**
Trig. Station **Altitude at Trig. Station**
B.M. 325.9 **Bench Mark** **Surface Level**
Arrow denotes flow of water **Antiquities (site of)**
Cutting **Embankment**
Railway crossing Road **Level Crossing** **Road crossing Railway**
Railway crossing River or Canal **Road over single stream** **Road over River or Canal**
County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
County Borough Boundary (England)
County Burgh Boundary (Scotland)
Co. Boro. Bdy.
Co. Burgh Bdy.
BP BS Boundary Post or Stone **P.C.B** Police Call Box
B.R. Bridle Road **P** Pump
E.P Electricity Pylon **S.P** Signal Post
F.B. Foot Bridge **SL** Sluice
F.P. Foot Path **Sp.** Spring
G.P Guide Post or Board **T.C.B** Telephone Call Box
M.S Mile Stone **Tr.** Trough
M.P M.R Mooring Post or Ring **W** Well

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

Inactive Quarry, Chalk Pit or Clay Pit **Active Quarry, Chalk Pit or Clay Pit**
Rock **Boulders**
Cliff **Slopes** **Top**
Roofed Building **Glazed Roof Building**
Sloping Masonry **Archway**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Bench Mark** **Antiquity (site of)**
Cave Entrance **Triangulation Station** **Electricity Pylon**
Electricity Transmission Line
County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
London Borough Boundary
Symbol marking point where boundary mereing changes
BH Beer House **P** Pillar, Pole or Post
BP, BS Boundary Post or Stone **PO** Post Office
Cn, C Capstan, Crane **PC** Public Convenience
Chy Chimney **PH** Public House
D Fn Drinking Fountain **Pp** Pump
EI P Electricity Pillar or Post **SB, S Br** Signal Box or Bridge
FAP Fire Alarm Pillar **SP, SL** Signal Post or Light
FB Foot Bridge **Spr** Spring
GP Guide Post **Tk** Tank or Track
H Hydrant or Hydraulic **TCB** Telephone Call Box
LC Level Crossing **TCP** Telephone Call Post
MH Manhole **Tr** Trough
MP Mile Post or Mooring Post **Wr Pt, Wr T** Water Point, Water Tap
MS Mile Stone **W** Well
NTL Normal Tidal Limit **Wd Pp** Wind Pump

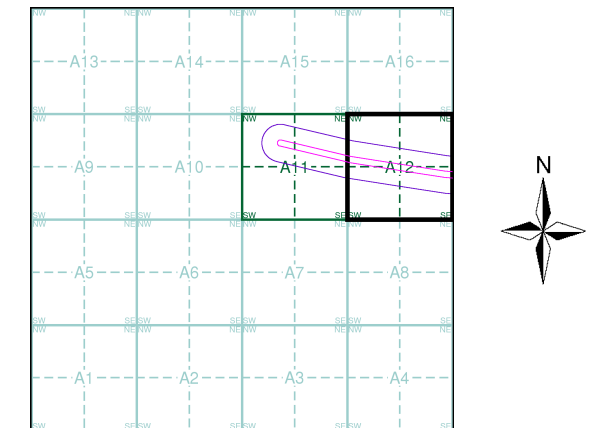
Large-Scale National Grid Data 1:2,500 and 1:1,250

Cliff **Slopes** **Top**
Rock **Rock (scattered)**
Boulders **Boulders (scattered)**
Positioned Boulder **Scree**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Triangulation Station** **Antiquity (site of)**
Electricity Transmission Line **Electricity Pylon**
B.M. 231.60m Bench Mark **Buildings with Building Seed**
Roofed Building **Glazed Roof Building**
Civil parish/community boundary
District boundary
County boundary
Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)
Bks Barracks **P** Pillar, Pole or Post
Bty Battery **PO** Post Office
Cemy Cemetery **PC** Public Convenience
Chy Chimney **Pp** Pump
Cis Cistern **Ppg Sta** Pumping Station
Dismtd Rly Dismantled Railway **PW** Place of Worship
EI Gen Sta Electricity Generating Station **Sewage Ppg Sta** Sewage Pumping Station
EI P Electricity Pole, Pillar **SB, S Br** Signal Box or Bridge
EI Sub Sta Electricity Sub Station **SP, SL** Signal Post or Light
FB Filter Bed **Spr** Spring
Fn / D Fn Fountain / Drinking Ftn. **Tk** Tank or Track
Gas Gov Gas Valve Compound **Tr** Trough
GVC Gas Governor **Wd Pp** Wind Pump
GP Guide Post **Wr Pt, Wr T** Water Point, Water Tap
MH Manhole **Wks** Works (building or area)
MP, MS Mile Post or Mile Stone **W** Well

Grontmij
 Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Somerset	1:2,500	1887	2
Somerset	1:2,500	1903	3
Ordnance Survey Plan	1:2,500	1975	4
Additional SIMs	1:2,500	1979 - 1989	5
Large-Scale National Grid Data	1:2,500	1995	6
Large-Scale National Grid Data	1:2,500	1996	7

Historical Map - Segment A12



Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 355350, 124950
 Slice: A
 Site Area (Ha): 21.47
 Search Buffer (m): 100

Site Details

Site at, Sparkford, Somerset

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

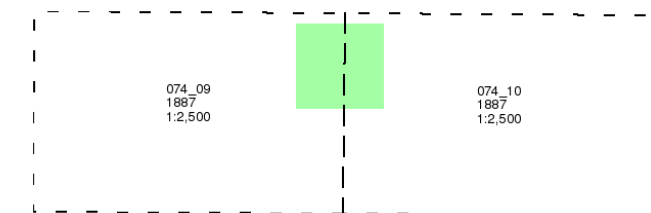
Somerset

Published 1887

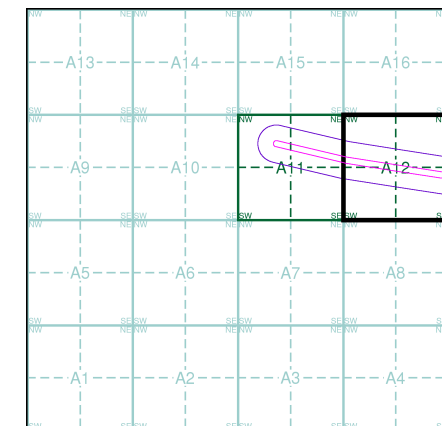
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A12

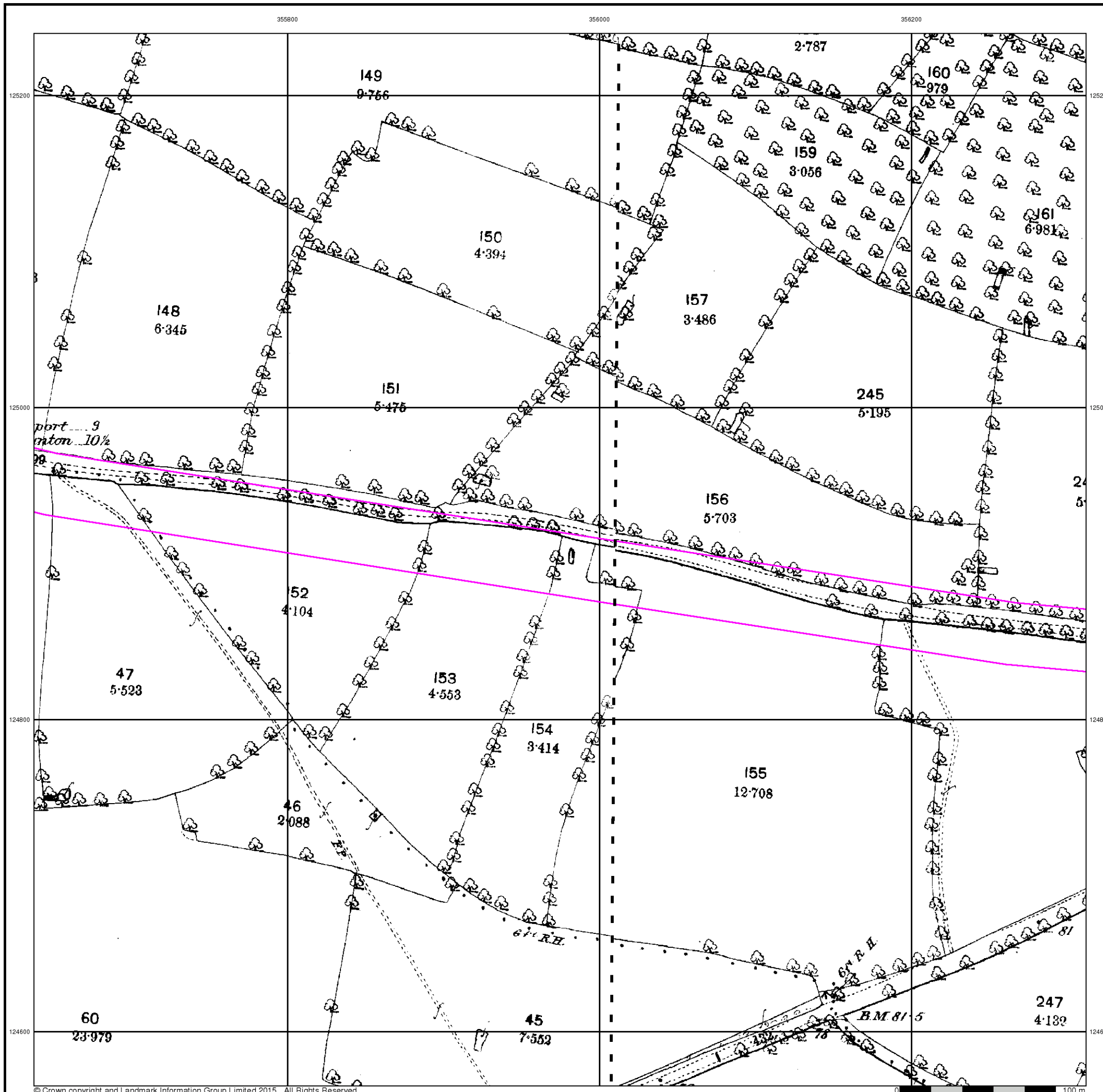


Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 355350, 124950
 Slice: A
 Site Area (Ha): 21.47
 Search Buffer (m): 100

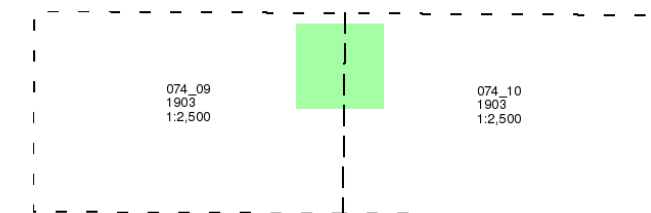
Site Details

Site at, Sparkford, Somerset

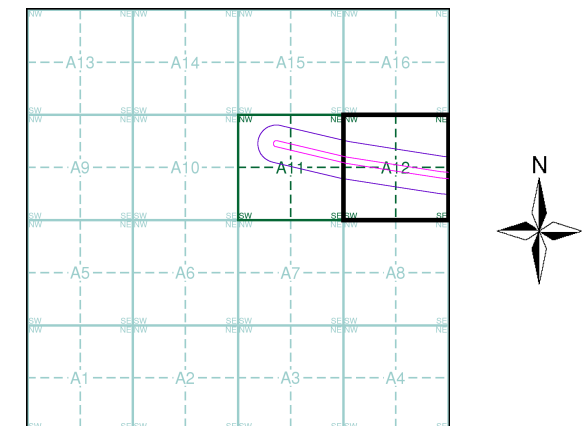


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Map Name(s) and Date(s)



Historical Map - Segment A12

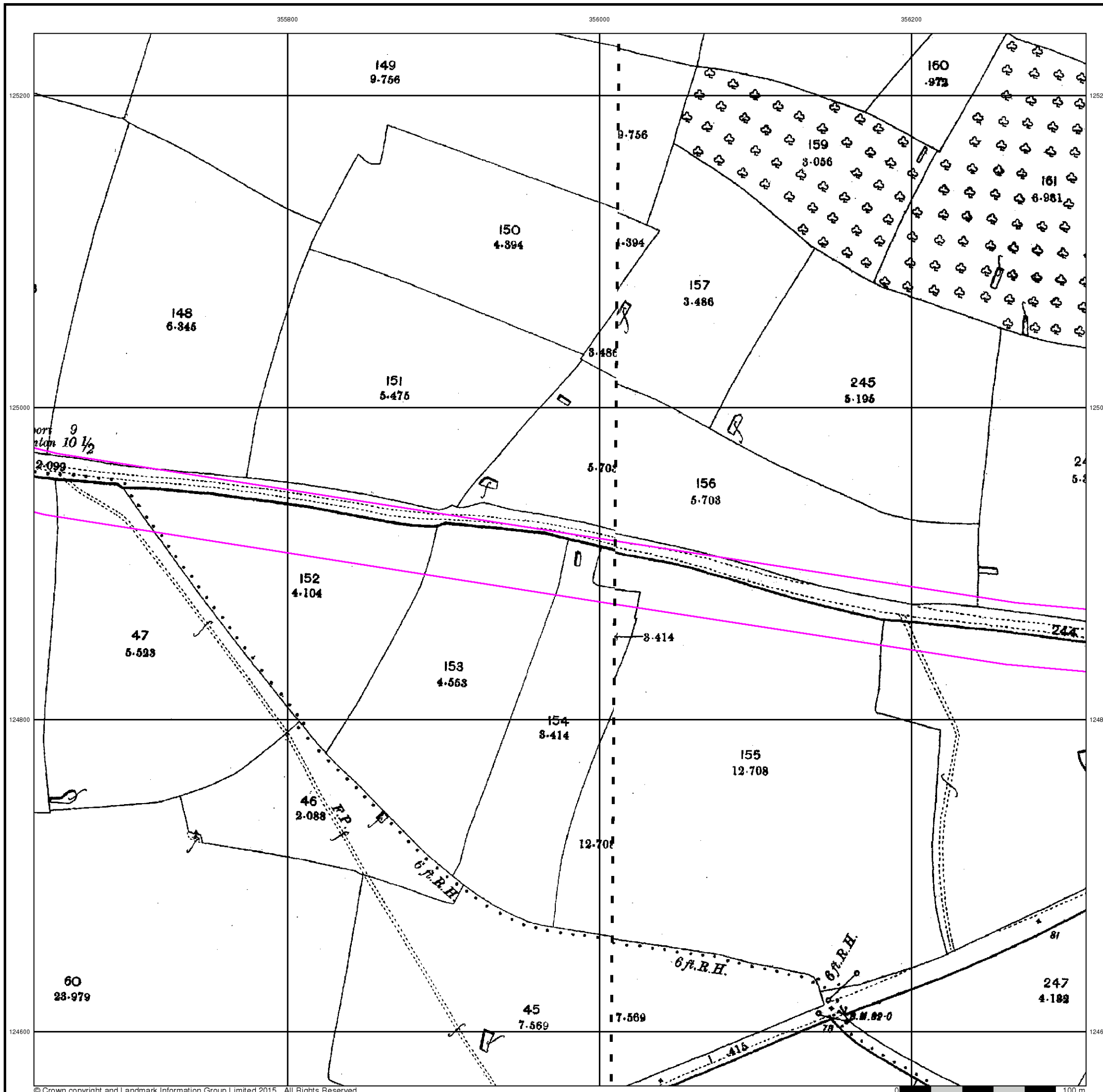


Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 355350, 124950
 Slice: A
 Site Area (Ha): 21.47
 Search Buffer (m): 100

Site Details

Site at, Sparkford, Somerset

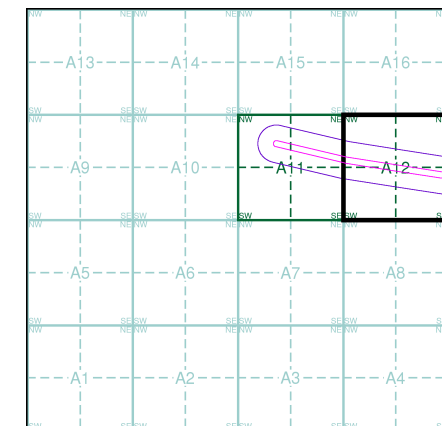


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Map Name(s) and Date(s)

ST5525 1975 12,500	ST5625 1975 12,500
ST5524 1975 12,500	ST5624 1975 12,500

Historical Map - Segment A12

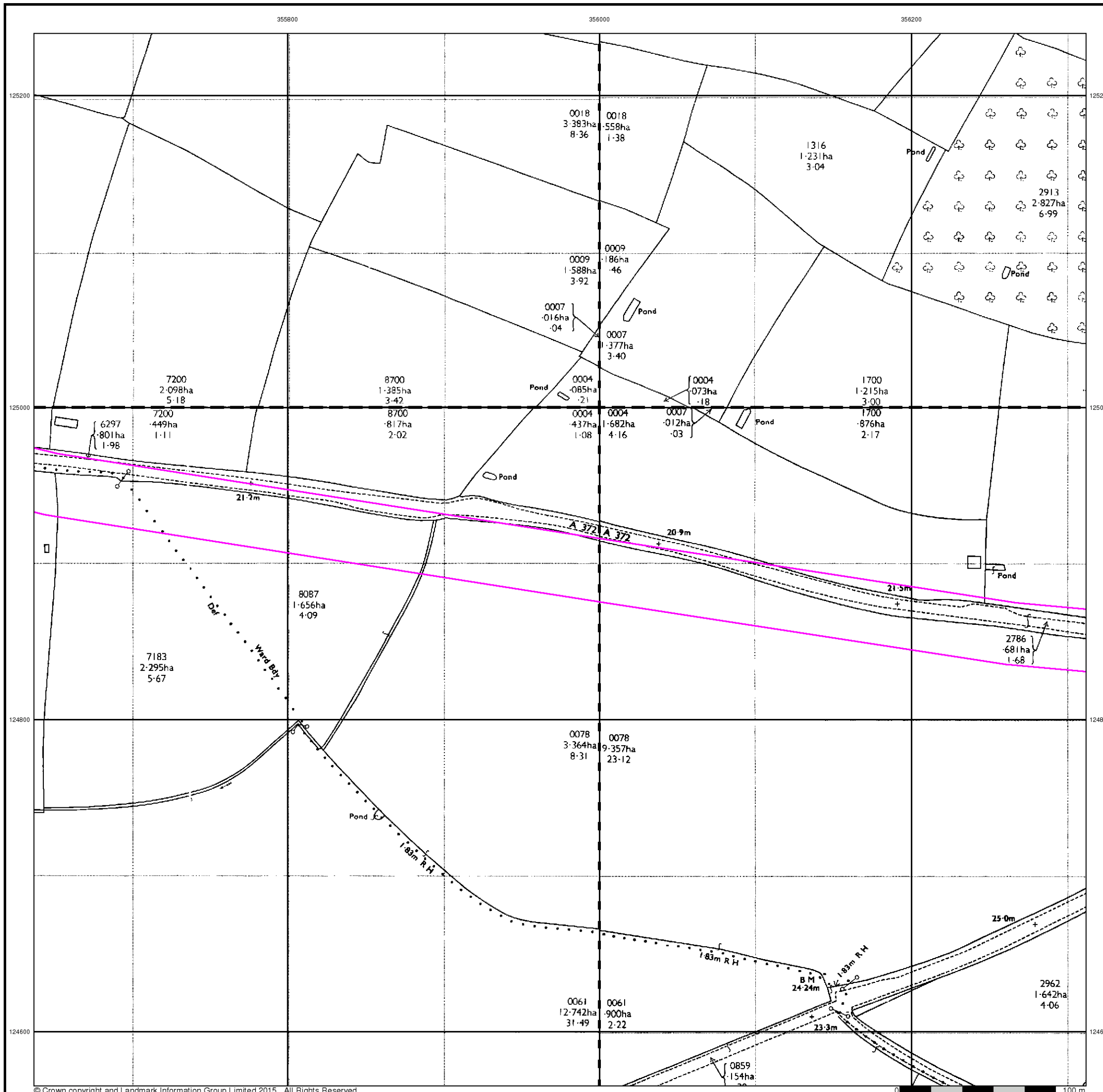


Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 355350, 124950
 Slice: A
 Site Area (Ha): 21.47
 Search Buffer (m): 100

Site Details

Site at, Sparkford, Somerset



Additional SIMs

Published 1979 - 1989

Source map scale - 1:2,500

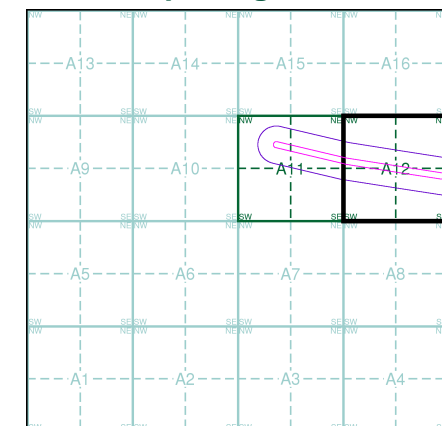
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Map Name(s) and Date(s)

ST5525
1979
1:2,500

ST5524
1989
1:2,500

Historical Map - Segment A12

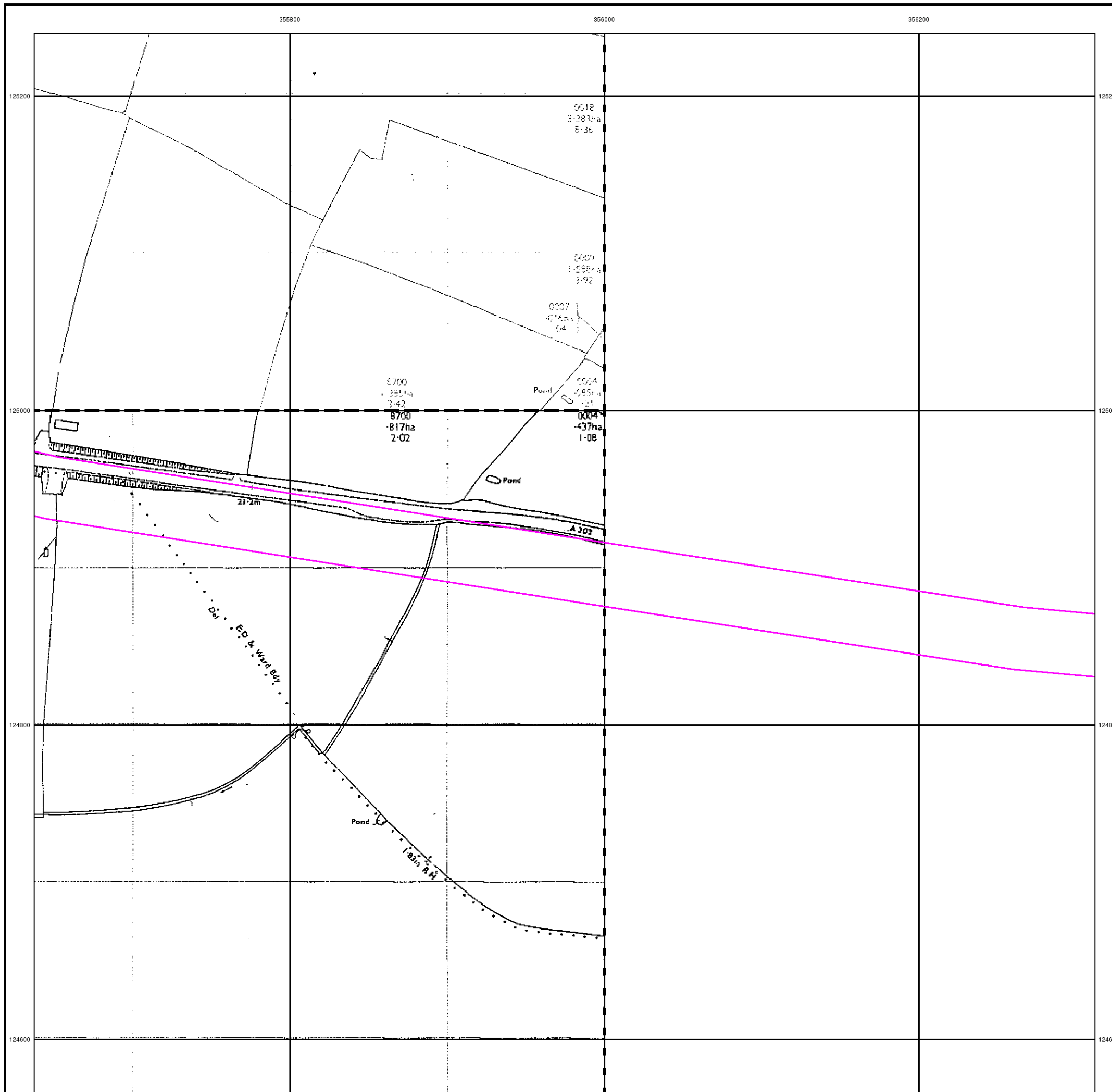


Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 355350, 124950
 Slice: A
 Site Area (Ha): 21.47
 Search Buffer (m): 100

Site Details

Site at, Sparkford, Somerset

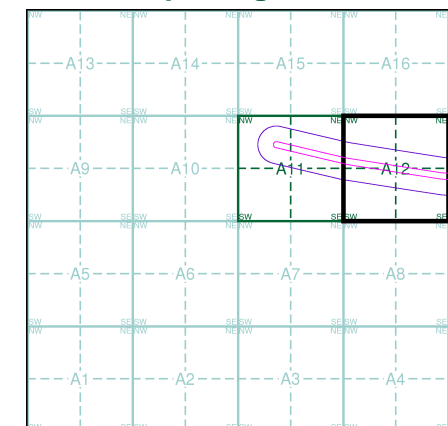


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Map Name(s) and Date(s)

ST5525 1995 1:2,500	ST5625 1995 1:2,500
ST5524 1995 1:2,500	ST5624 1995 1:2,500

Historical Map - Segment A12

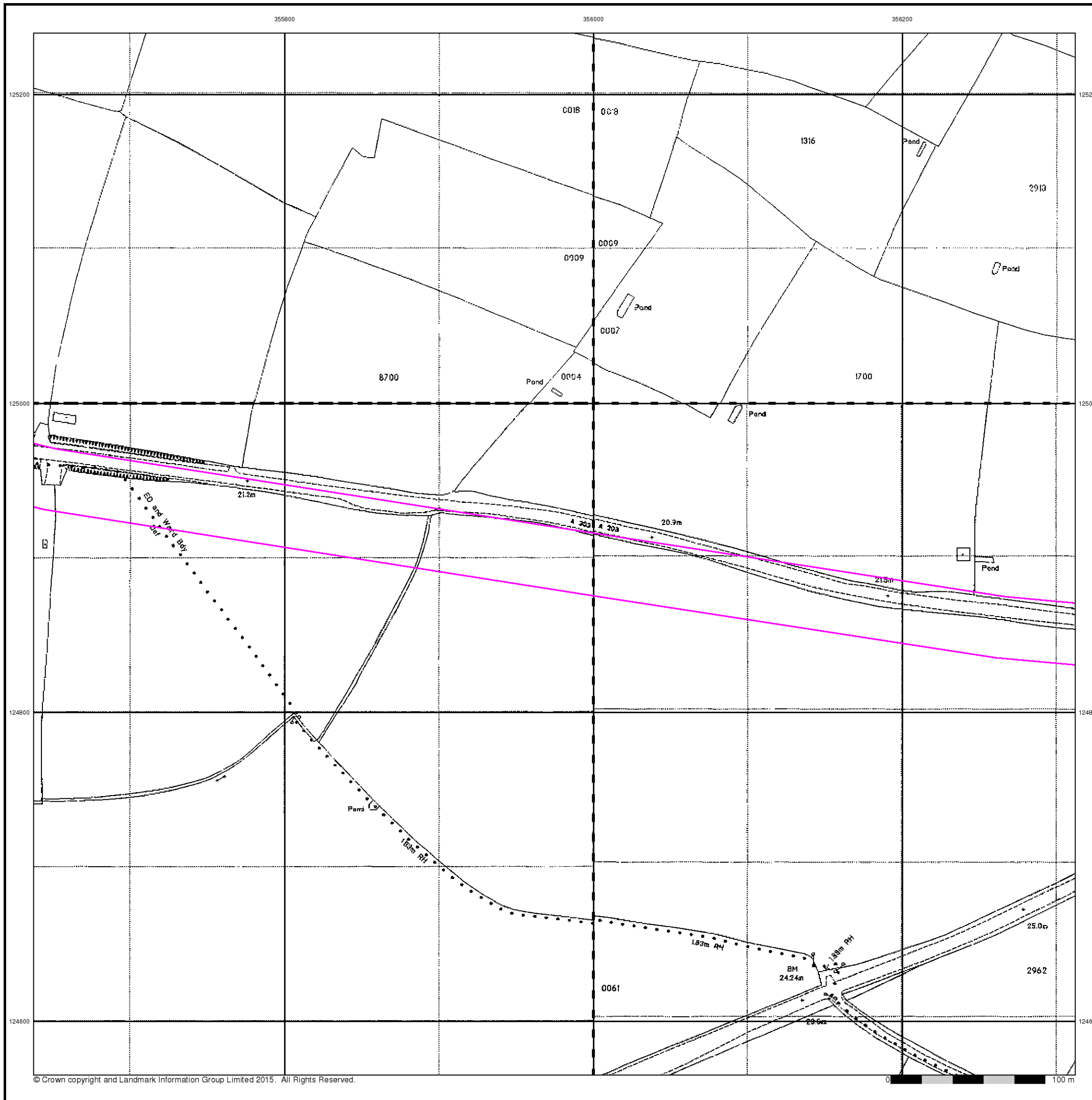


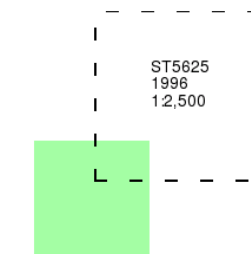
Order Details

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 Customer Ref: A303
 National Grid Reference: 355350, 124950
 Slice: A
 Site Area (Ha): 21.47
 Search Buffer (m): 100

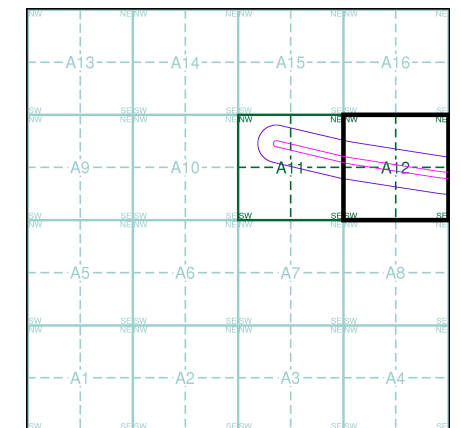
Site Details

Site at, Sparkford, Somerset





Historical Map - Segment A12

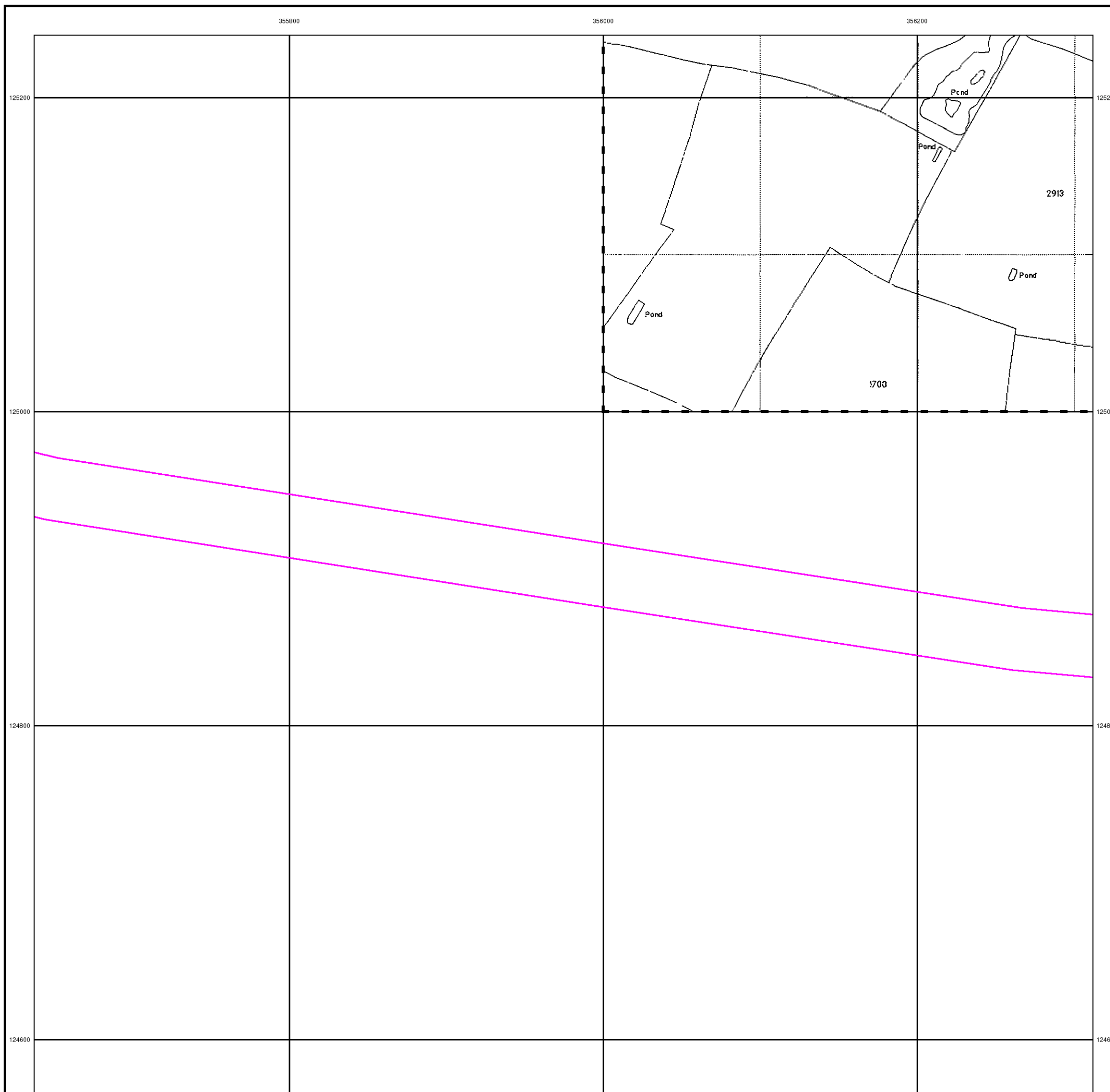


Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 355350, 124950
 Slice: A
 Site Area (Ha): 21.47
 Search Buffer (m): 100

Site Details

Site at, Sparkford, Somerset



Historical Mapping Legends

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

Quarry **Gravel Pit** **Sand Pit**
Clay Pit **Shingle** **Refuse Heap**
Sloping Masonry **Flat Rock**
Marsh **Reeds** **Osiers**
Rough Pasture **Furze** **Wood**
Mixed Wood **Brushwood** **Orchard**
Fir **Ford** **Stepping Stones**
Ferry **Waterfall** **Lock**
Trig. Station **Altitude at Trig. Station**
B.M. 325.9 **Bench Mark** **Surface Level**
Arrow denotes flow of water **Antiquities (site of)**
Cutting **Embankment**
Railway crossing Road **Level Crossing** **Road crossing Railway**
Railway crossing River or Canal **Road over single stream** **Road over River or Canal**
County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
County Borough Boundary (England)
Co. Boro. Bdy.
County Burgh Boundary (Scotland)
Co. Burgh Bdy.
BP BS Boundary Post or Stone **P.C.B** Police Call Box
B.R. Bridle Road **P** Pump
E.P Electricity Pylon **S.P** Signal Post
F.B. Foot Bridge **SL** Sluice
F.P. Foot Path **Sp.** Spring
G.P Guide Post or Board **T.C.B** Telephone Call Box
M.S Mile Stone **Tr.** Trough
M.P M.R Mooring Post or Ring **W** Well

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

Inactive Quarry, Chalk Pit or Clay Pit **Active Quarry, Chalk Pit or Clay Pit**
Rock **Boulders**
Cliff **Slopes** **Top**
Roofed Building **Glazed Roof Building**
Sloping Masonry **Archway**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Bench Mark** **Antiquity (site of)**
Cave Entrance **Triangulation Station** **Electricity Pylon**
Electricity Transmission Line
County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
London Borough Boundary
Symbol marking point where boundary mereing changes
BH Beer House **P** Pillar, Pole or Post
BP, BS Boundary Post or Stone **PO** Post Office
Cn, C Capstan, Crane **PC** Public Convenience
Chy Chimney **PH** Public House
D Fn Drinking Fountain **Pp** Pump
EI P Electricity Pillar or Post **SB, S Br** Signal Box or Bridge
FAP Fire Alarm Pillar **SP, SL** Signal Post or Light
FB Foot Bridge **Spr** Spring
GP Guide Post **Tk** Tank or Track
H Hydrant or Hydraulic **TCB** Telephone Call Box
LC Level Crossing **TCP** Telephone Call Post
MH Manhole **Tr** Trough
MP Mile Post or Mooring Post **Wr Pt, Wr T** Water Point, Water Tap
MS Mile Stone **W** Well
NTL Normal Tidal Limit **Wd Pp** Wind Pump

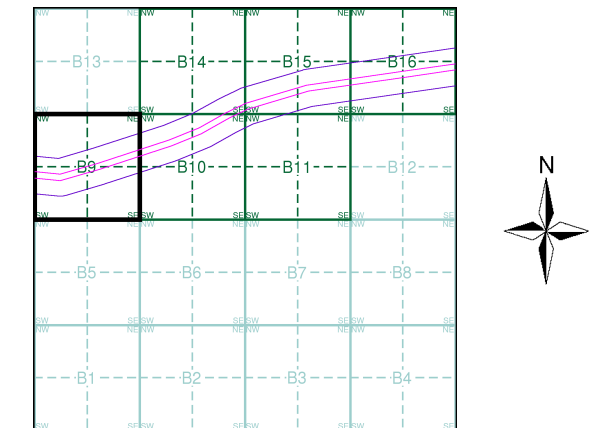
Large-Scale National Grid Data 1:2,500 and 1:1,250

Cliff **Slopes** **Top**
Rock **Rock (scattered)**
Boulders **Boulders (scattered)**
Positioned Boulder **Scree**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Triangulation Station** **Antiquity (site of)**
Electricity Transmission Line **Electricity Pylon**
B.M. 231.60m Bench Mark **Buildings with Building Seed**
Roofed Building **Glazed Roof Building**
Civil parish/community boundary
District boundary
County boundary
Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)
Bks Barracks **P** Pillar, Pole or Post
Bty Battery **PO** Post Office
Cemy Cemetery **PC** Public Convenience
Chy Chimney **Pp** Pump
Cis Cistern **Ppg Sta** Pumping Station
Dismtd Rly Dismantled Railway **PW** Place of Worship
EI Gen Sta Electricity Generating Station **Sewage Ppg Sta** Sewage Pumping Station
EI P Electricity Pole, Pillar **SB, S Br** Signal Box or Bridge
EI Sub Sta Electricity Sub Station **SP, SL** Signal Post or Light
FB Filter Bed **Spr** Spring
Fn / D Fn Fountain / Drinking Ftn. **Tk** Tank or Track
Gas Gov Gas Valve Compound **Tr** Trough
GVC Gas Governor **Wd Pp** Wind Pump
GP Guide Post **Wr Pt, Wr T** Water Point, Water Tap
MH Manhole **Wks** Works (building or area)
MP, MS Mile Post or Mile Stone **W** Well

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Somerset	1:2,500	1887	2
Somerset	1:2,500	1903	3
Ordnance Survey Plan	1:2,500	1975	4
Large-Scale National Grid Data	1:2,500	1995	5
Large-Scale National Grid Data	1:2,500	1996	6

Historical Map - Segment B9



Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 357560, 125020
 Slice: B
 Site Area (Ha): 21.47
 Search Buffer (m): 100

Site Details

Site at, Sparkford, Somerset

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

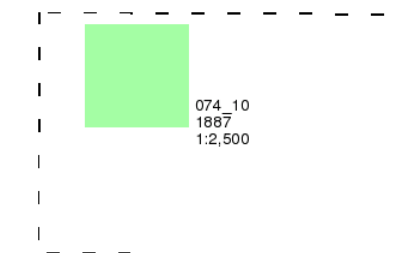
Somerset

Published 1887

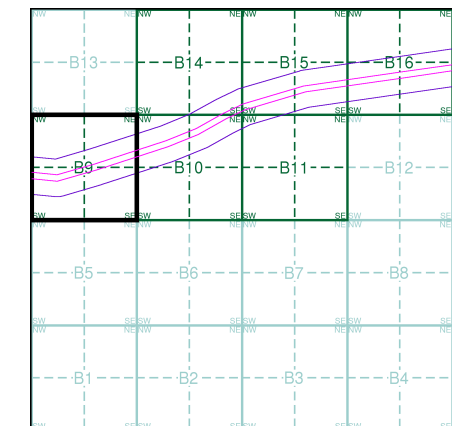
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment B9

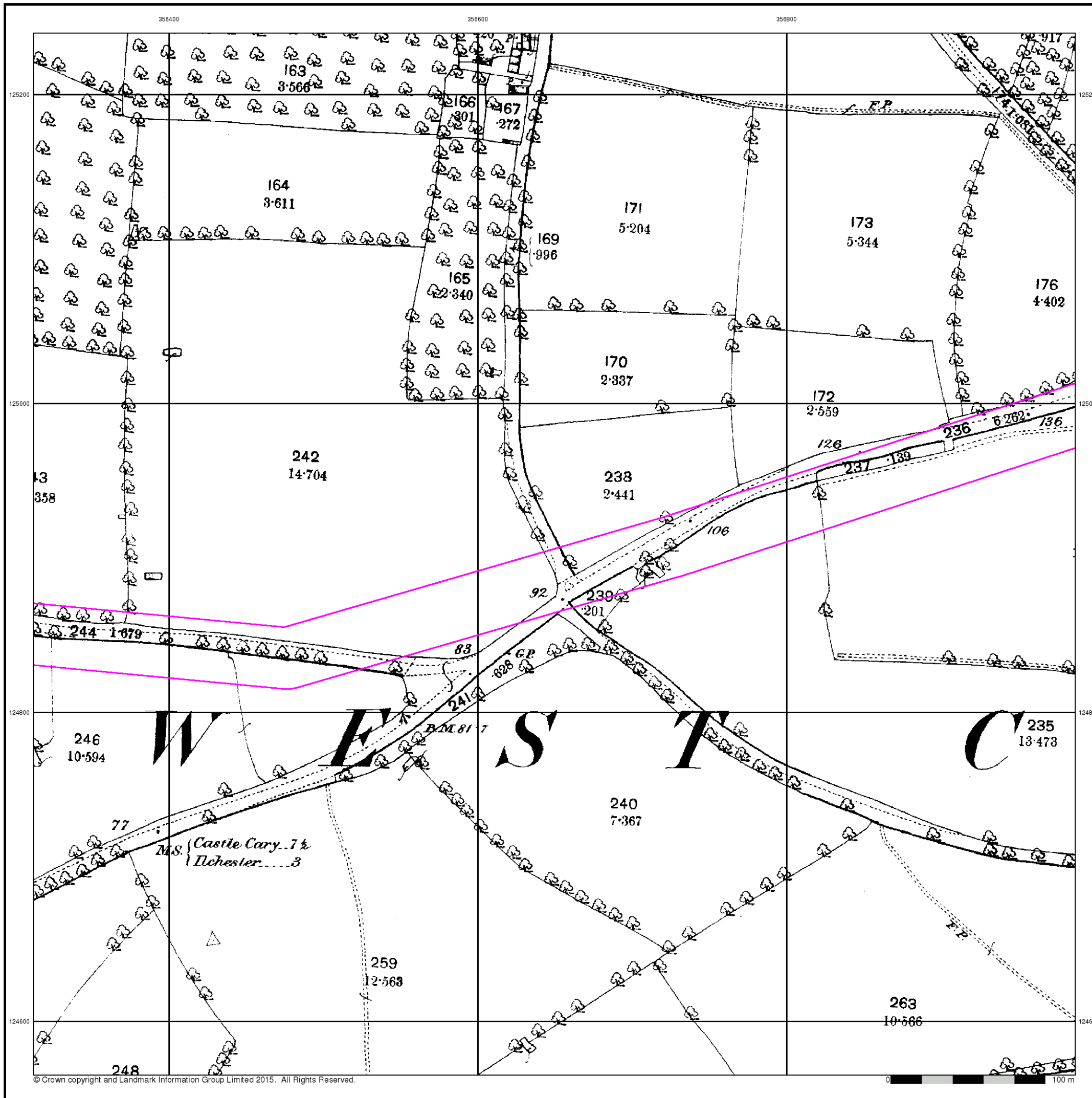


Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 357560, 125020
 Slice: B
 Site Area (Ha): 21.47
 Search Buffer (m): 100

Site Details

Site at, Sparkford, Somerset



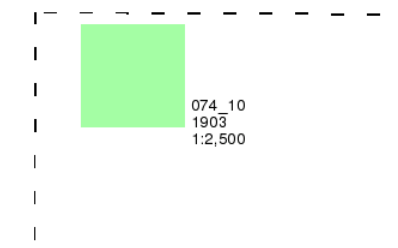
Somerset

Published 1903

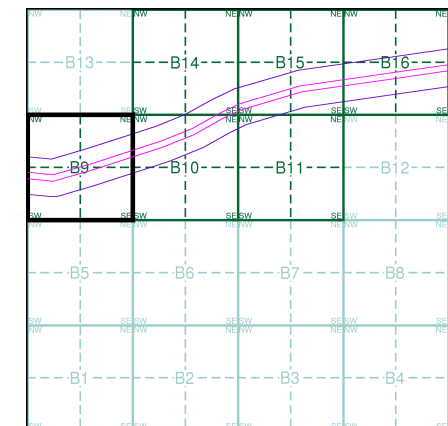
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment B9

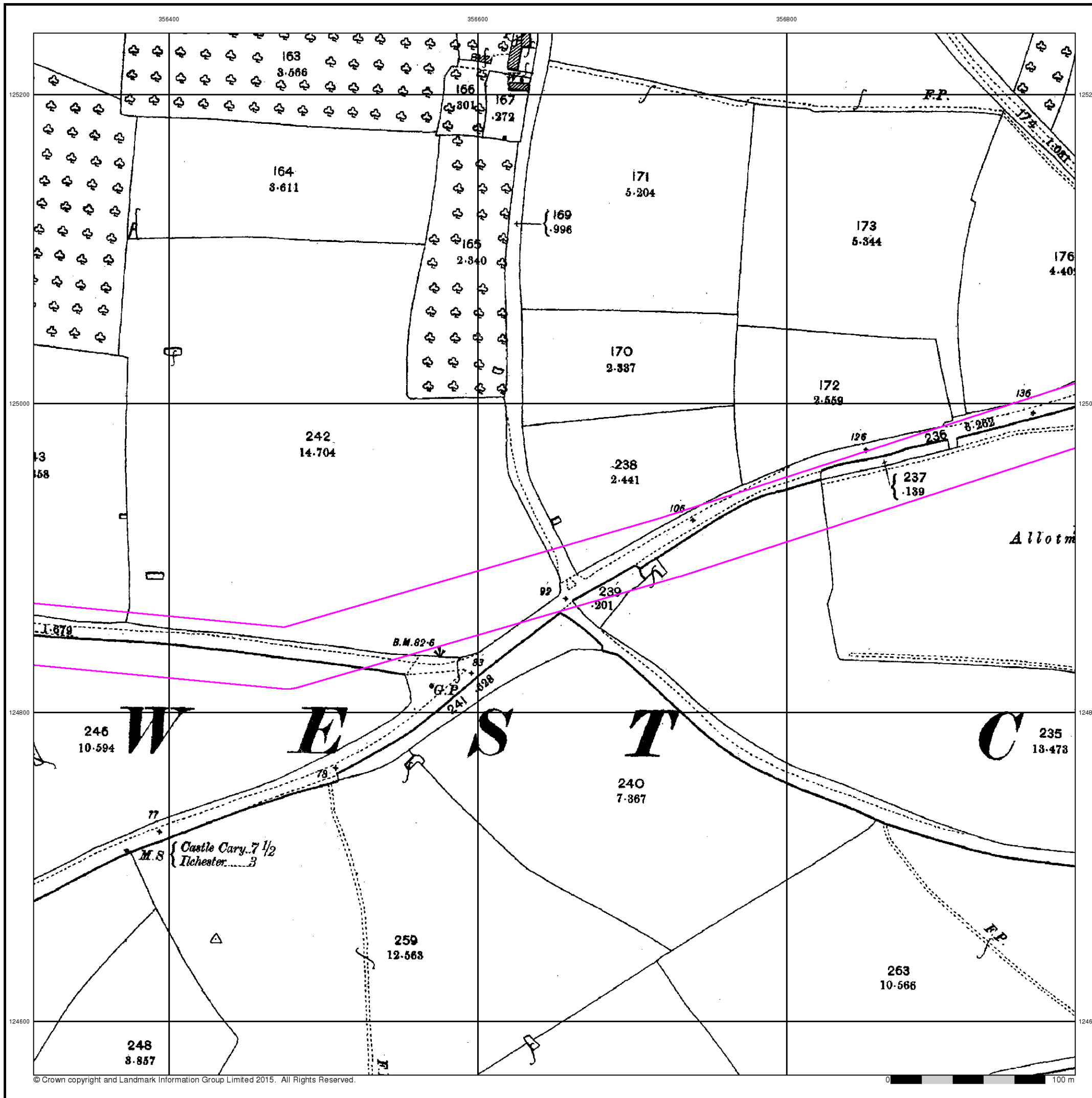


Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 357560, 125020
 Slice: B
 Site Area (Ha): 21.47
 Search Buffer (m): 100

Site Details

Site at, Sparkford, Somerset



Ordnance Survey Plan

Published 1975

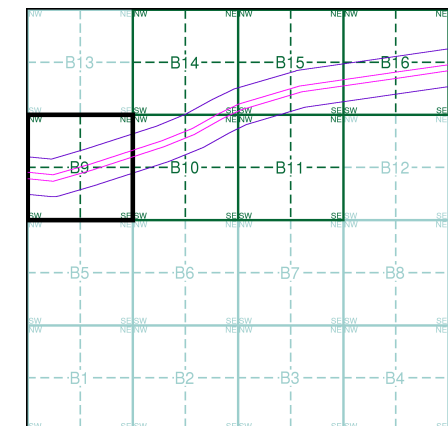
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

ST5625	1975	1:2,500
ST5624	1975	1:2,500

Historical Map - Segment B9

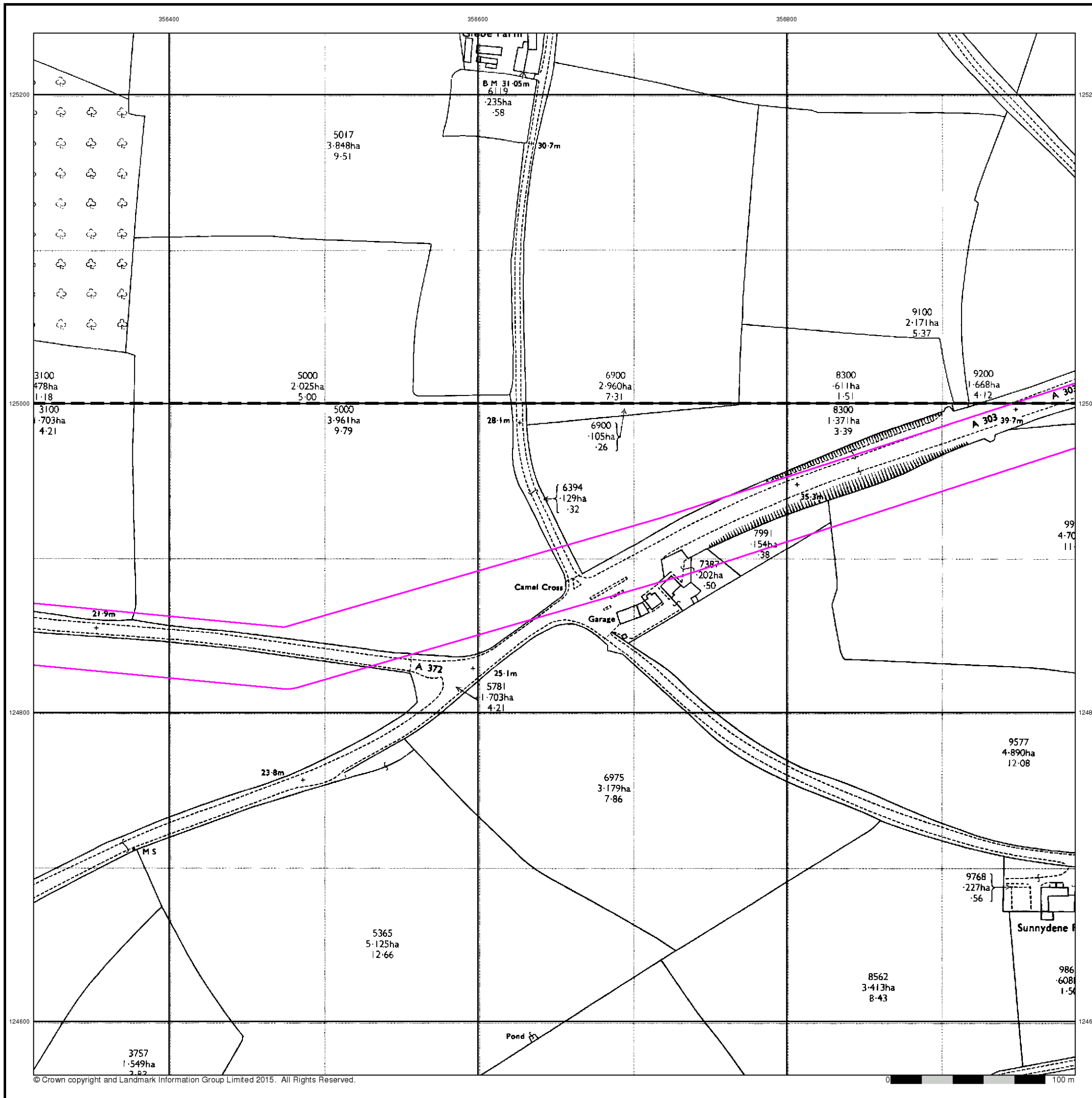


Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 357560, 125020
 Slice: B
 Site Area (Ha): 21.47
 Search Buffer (m): 100

Site Details

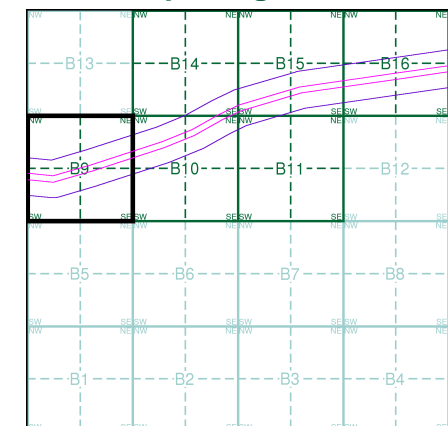
Site at, Sparkford, Somerset



Map Name(s) and Date(s)

ST5625	1995	1:2,500
ST5624	1995	1:2,500

Historical Map - Segment B9

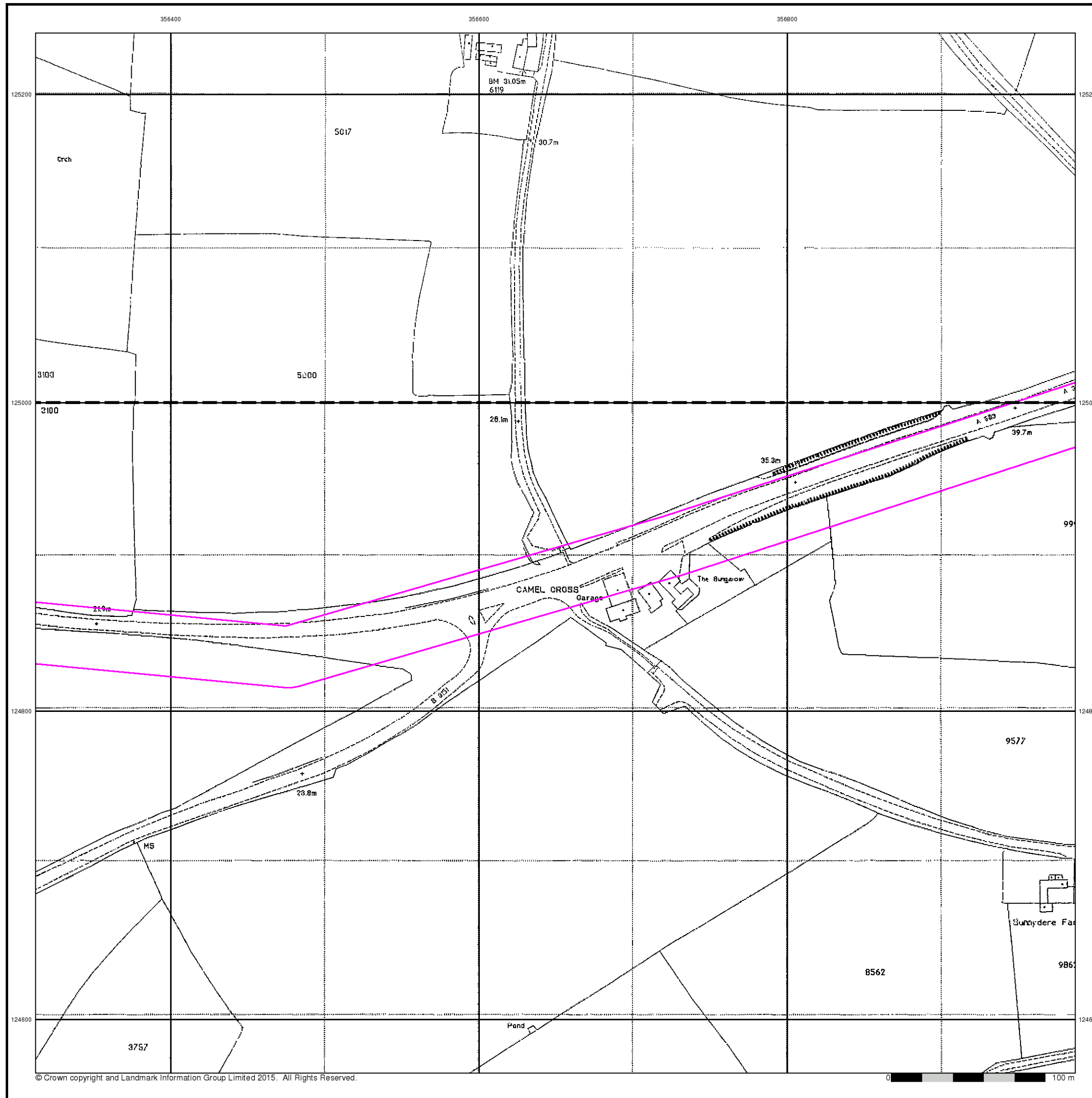


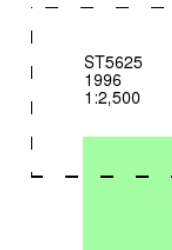
Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 357560, 125020
 Slice: B
 Site Area (Ha): 21.47
 Search Buffer (m): 100

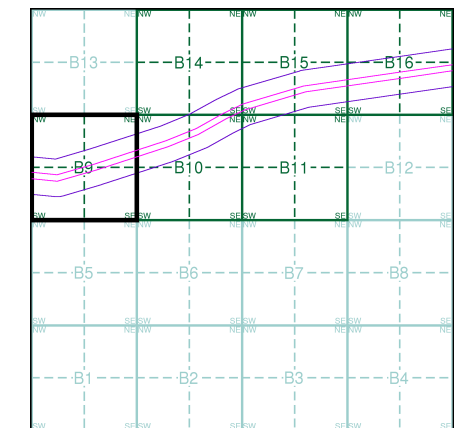
Site Details

Site at, Sparkford, Somerset





Historical Map - Segment B9

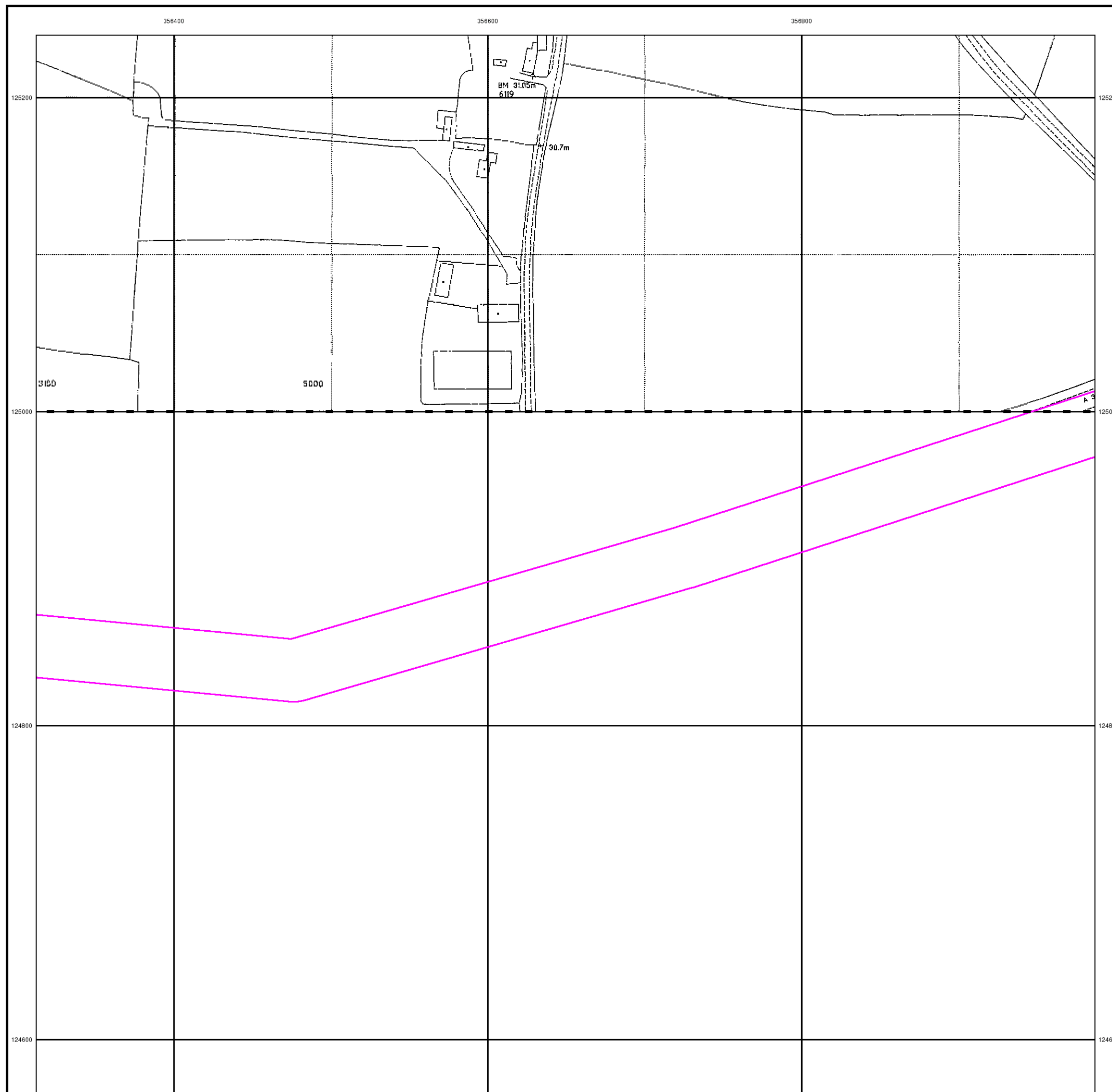


Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 357560, 125020
 Slice: B
 Site Area (Ha): 21.47
 Search Buffer (m): 100

Site Details

Site at, Sparkford, Somerset



Historical Mapping Legends

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

Quarry **Gravel Pit** **Sand Pit**
Clay Pit **Shingle** **Refuse Heap**
Sloping Masonry **Flat Rock**
Marsh **Reeds** **Osiers**
Rough Pasture **Furze** **Wood**
Mixed Wood **Brushwood** **Orchard**
Fir **Ford** **Stepping Stones**
Ferry **Waterfall** **Lock**
Trig. Station **Altitude at Trig. Station**
B.M. 325.9 **Bench Mark** **Surface Level**
Arrow denotes flow of water **Antiquities (site of)**
Cutting **Embankment**
Railway crossing Road **Level Crossing** **Road crossing Railway**
Railway crossing River or Canal **Road over single stream** **Road over River or Canal**
County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
County Borough Boundary (England)
County Burgh Boundary (Scotland)
Co. Boro. Bdy.
Co. Burgh Bdy.
BP BS Boundary Post or Stone **P.C.B** Police Call Box
B.R. Bridle Road **P** Pump
E.P Electricity Pylon **S.P** Signal Post
F.B. Foot Bridge **SL** Sluice
F.P. Foot Path **Sp.** Spring
G.P Guide Post or Board **T.C.B** Telephone Call Box
M.S Mile Stone **Tr.** Trough
M.P M.R Mooring Post or Ring **W** Well

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

Inactive Quarry, Chalk Pit or Clay Pit **Active Quarry, Chalk Pit or Clay Pit**
Rock **Boulders**
Cliff **Slopes** **Top**
Roofed Building **Glazed Roof Building**
Sloping Masonry **Archway**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Bench Mark** **Antiquity (site of)**
Cave Entrance **Triangulation Station** **Electricity Pylon**
Electricity Transmission Line
County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
London Borough Boundary
Symbol marking point where boundary mereing changes
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BP, BS Boundary Post or Stone **PO** Post Office
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Chy Chimney **PH** Public House
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FAP Fire Alarm Pillar **SP, SL** Signal Post or Light
FB Foot Bridge **Spr** Spring
GP Guide Post **Tk** Tank or Track
H Hydrant or Hydraulic **TCB** Telephone Call Box
LC Level Crossing **TCP** Telephone Call Post
MH Manhole **Tr** Trough
MP Mile Post or Mooring Post **Wr Pt, Wr T** Water Point, Water Tap
MS Mile Stone **W** Well
NTL Normal Tidal Limit **Wd Pp** Wind Pump

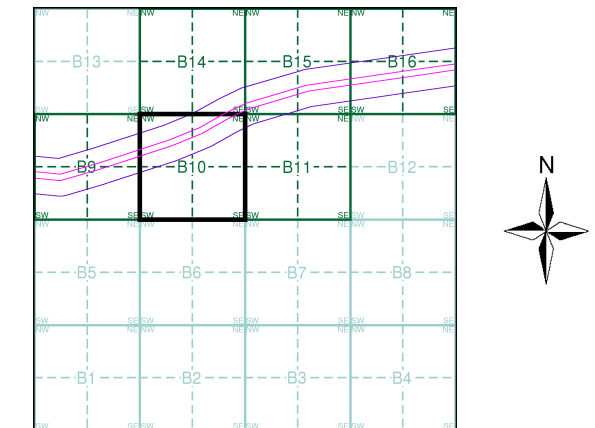
Large-Scale National Grid Data 1:2,500 and 1:1,250

Cliff **Slopes** **Top**
Rock **Rock (scattered)**
Boulders **Boulders (scattered)**
Positioned Boulder **Scree**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
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Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Triangulation Station** **Antiquity (site of)**
Electricity Transmission Line **Electricity Pylon**
B.M. 231.60m Bench Mark **Buildings with Building Seed**
Roofed Building **Glazed Roof Building**
Civil parish/community boundary
District boundary
County boundary
Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)
Bks Barracks **P** Pillar, Pole or Post
Bty Battery **PO** Post Office
Cemy Cemetery **PC** Public Convenience
Chy Chimney **Pp** Pump
Cis Cistern **Ppg Sta** Pumping Station
Dismtd Rly Dismantled Railway **PW** Place of Worship
EI Gen Sta Electricity Generating Station **Sewage Ppg Sta** Sewage Pumping Station
EI P Electricity Pole, Pillar **SB, S Br** Signal Box or Bridge
EI Sub Sta Electricity Sub Station **SP, SL** Signal Post or Light
FB Filter Bed **Spr** Spring
Fn / D Fn Fountain / Drinking Ftn. **Tk** Tank or Track
Gas Gov Gas Valve Compound **Tr** Trough
GVC Gas Governor **Wd Pp** Wind Pump
GP Guide Post **Wr Pt, Wr T** Water Point, Water Tap
MH Manhole **Wks** Works (building or area)
MP, MS Mile Post or Mile Stone **W** Well

Grontmij
 Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Somerset	1:2,500	1887	2
Somerset	1:2,500	1903	3
Ordnance Survey Plan	1:2,500	1975	4
Large-Scale National Grid Data	1:2,500	1995	5
Large-Scale National Grid Data	1:2,500	1996	6

Historical Map - Segment B10



Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 357560, 125020
 Slice: B
 Site Area (Ha): 21.47
 Search Buffer (m): 100

Site Details

Site at, Sparkford, Somerset

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

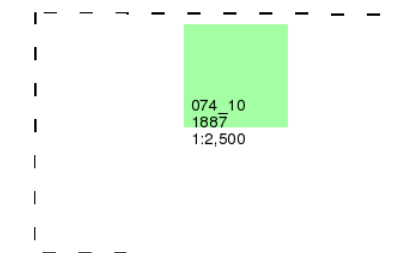
Somerset

Published 1887

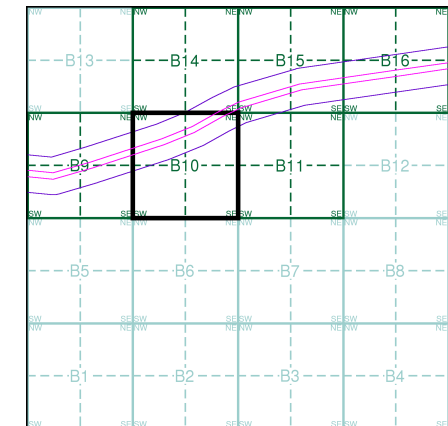
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment B10

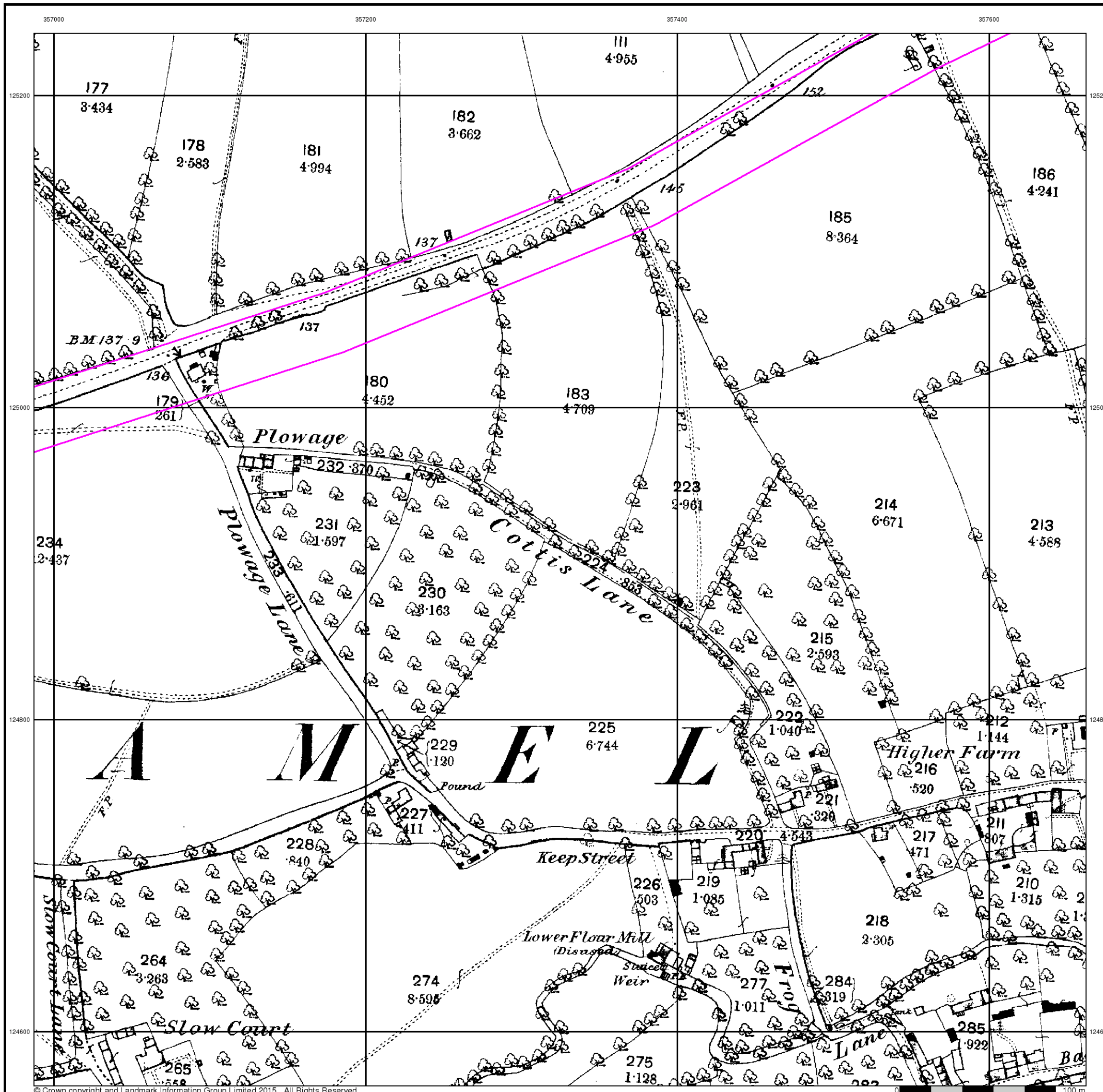


Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 357560, 125020
 Slice: B
 Site Area (Ha): 21.47
 Search Buffer (m): 100

Site Details

Site at, Sparkford, Somerset



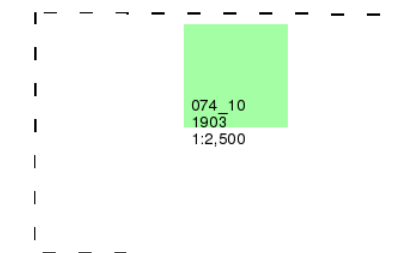
Somerset

Published 1903

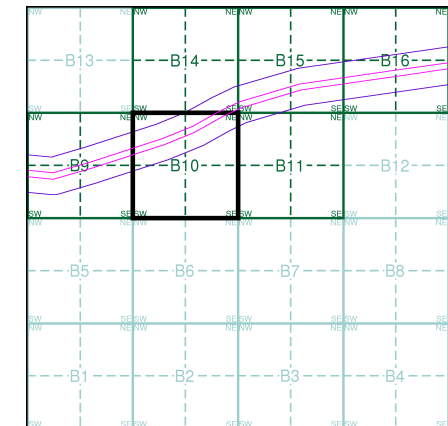
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment B10

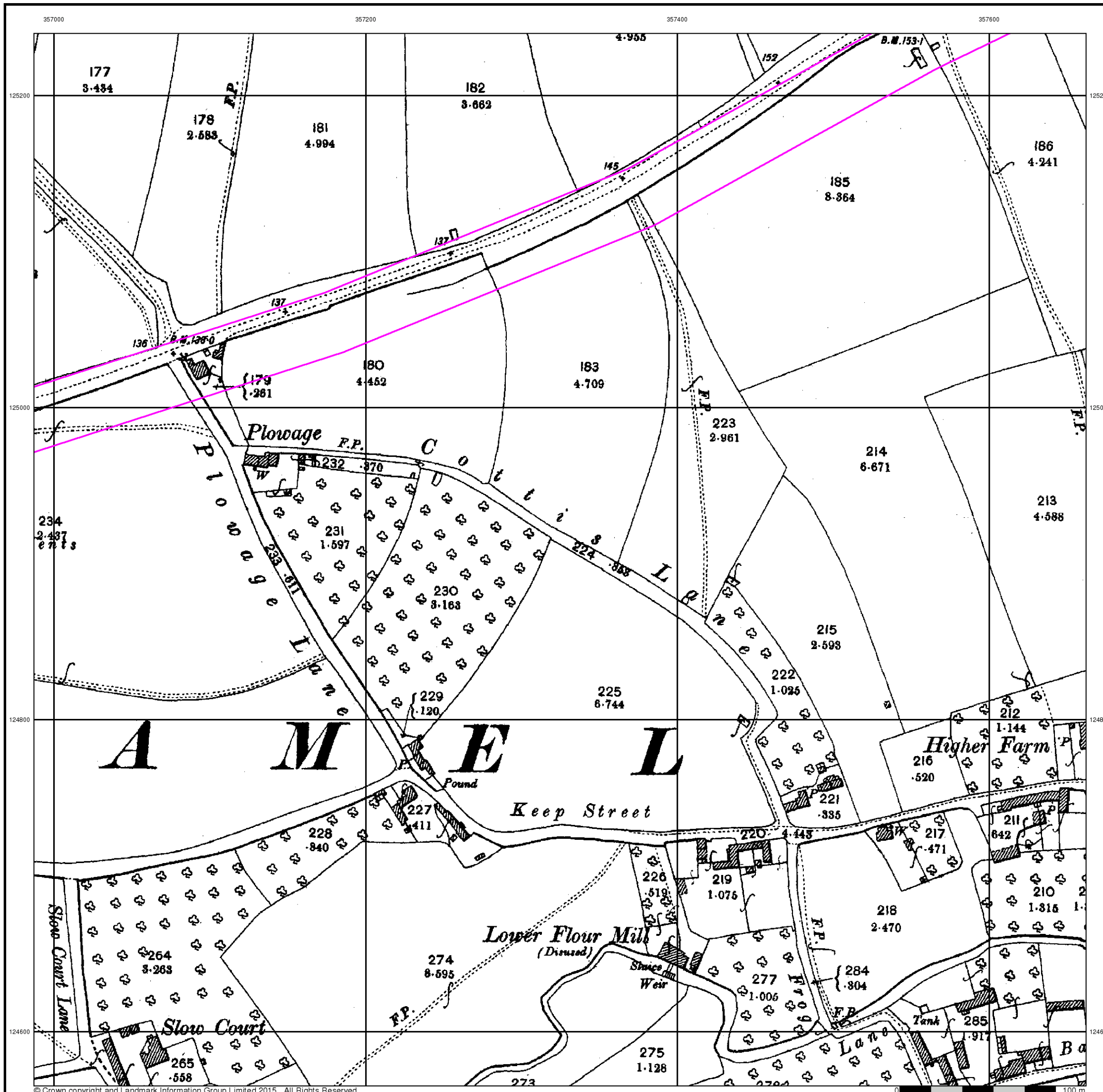


Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 357560, 125020
 Slice: B
 Site Area (Ha): 21.47
 Search Buffer (m): 100

Site Details

Site at, Sparkford, Somerset



Ordnance Survey Plan

Published 1975

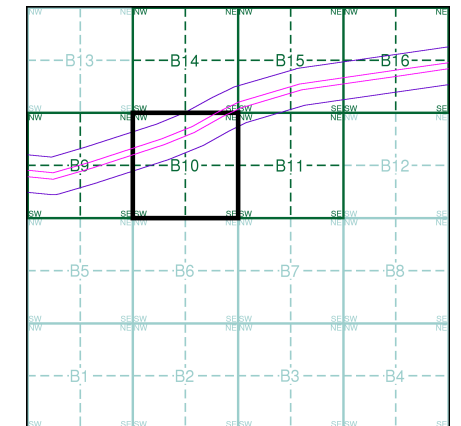
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

ST5625 1975 12,500	ST5725 1975 12,500
ST5624 1975 12,500	ST5724 1975 12,500

Historical Map - Segment B10

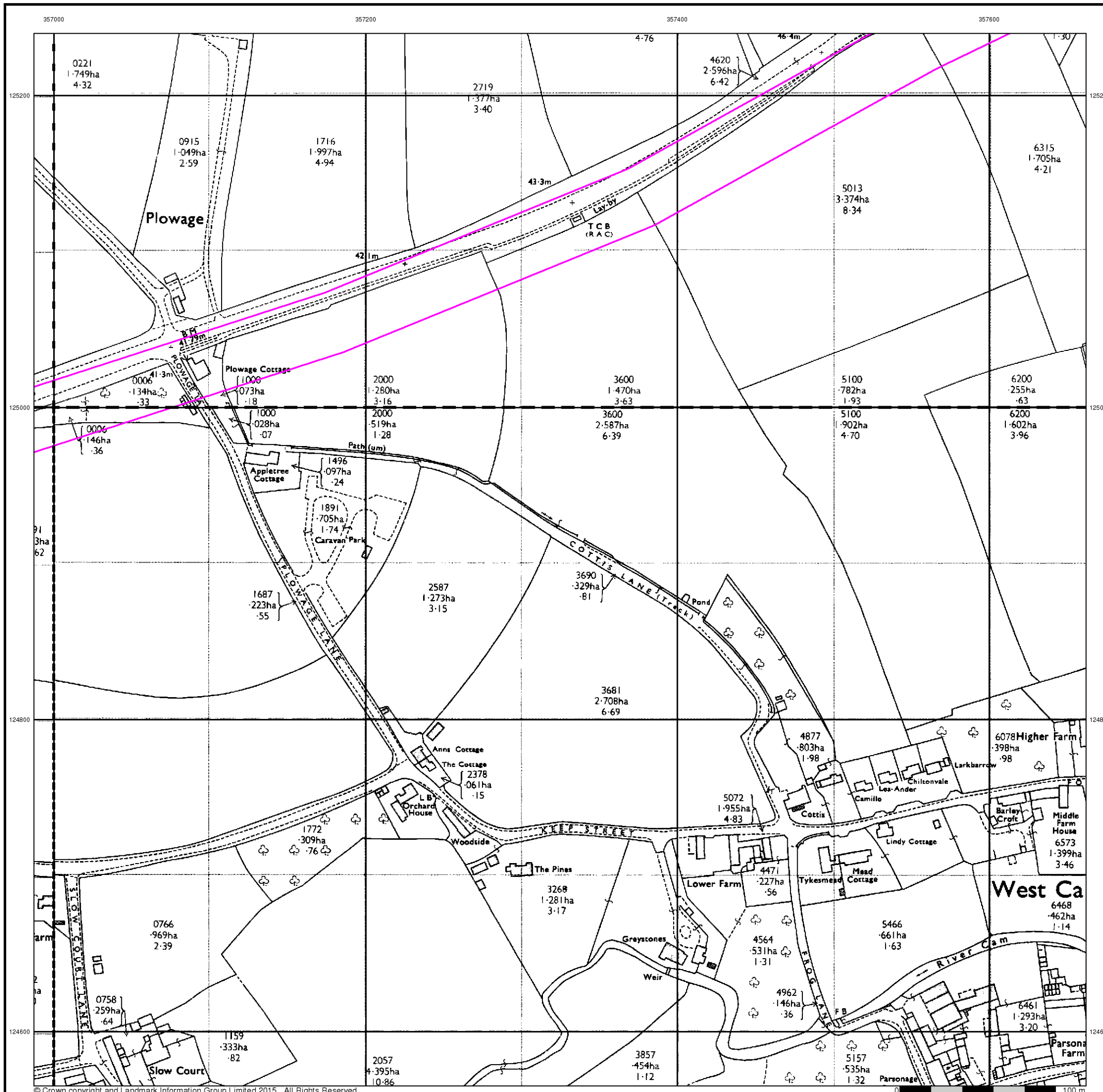


Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 357560, 125020
 Slice: B
 Site Area (Ha): 21.47
 Search Buffer (m): 100

Site Details

Site at, Sparkford, Somerset

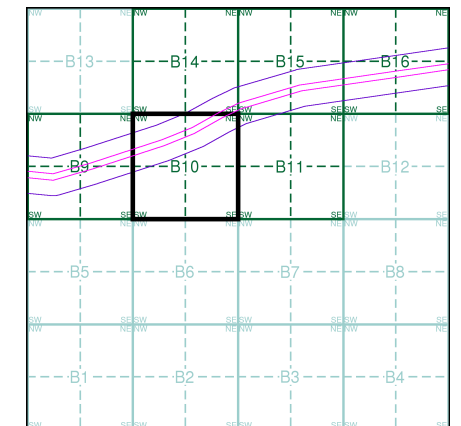


'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic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

Map Name(s) and Date(s)

ST5625 1995 12,500	ST5725 1995 12,500
ST5624 1995 12,500	ST5724 1995 12,500

Historical Map - Segment B10

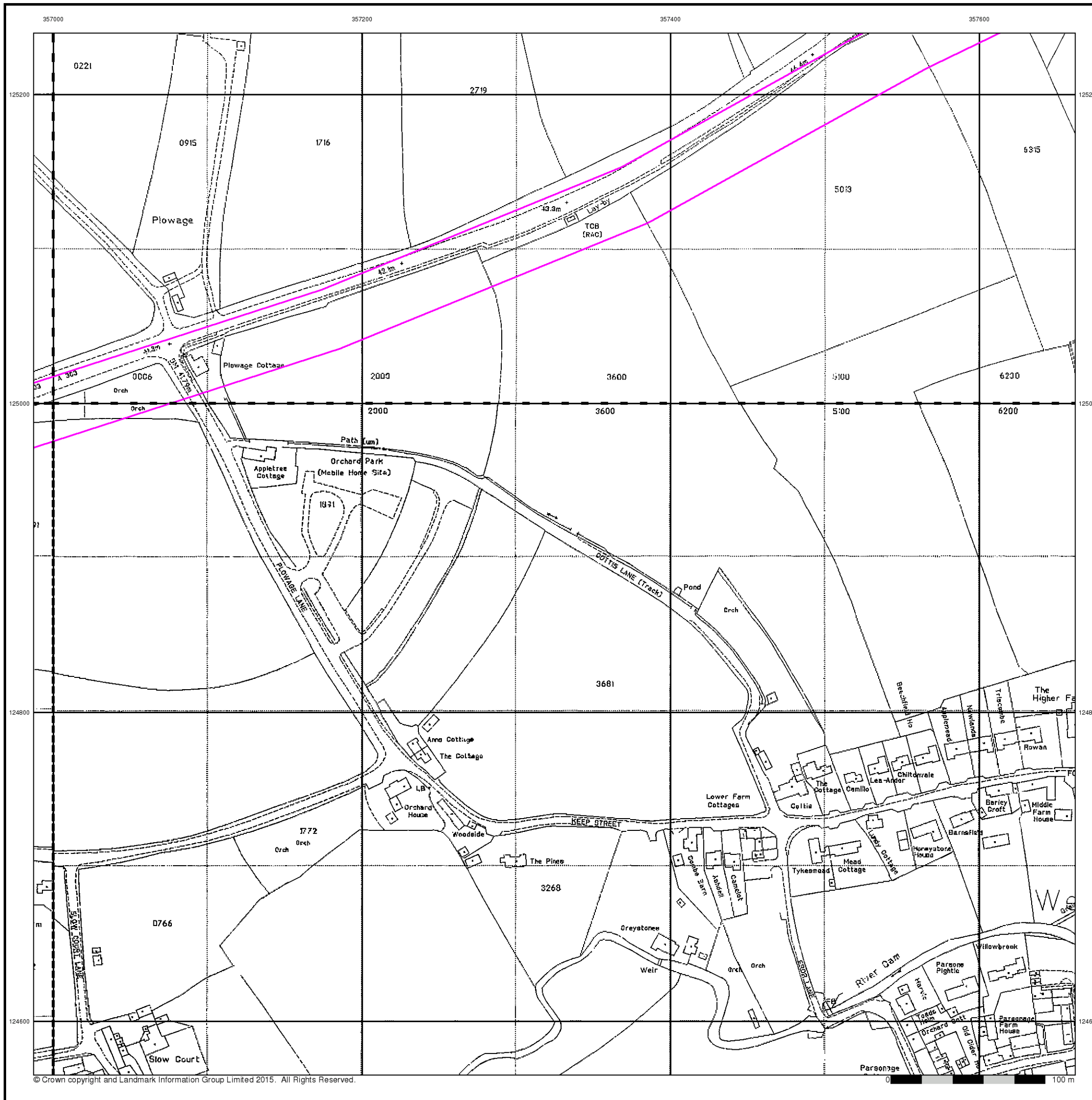


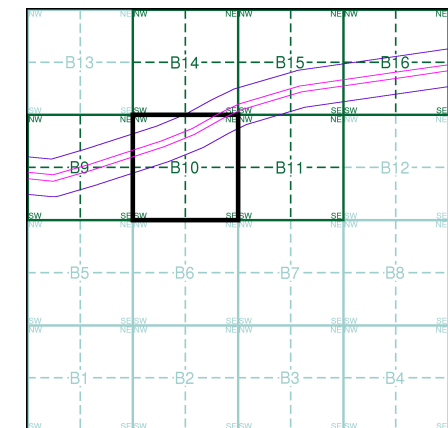
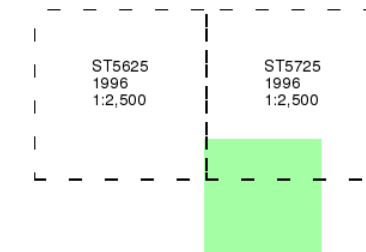
Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
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 Site Area (Ha): 21.47
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Site Details

Site at, Sparkford, Somerset



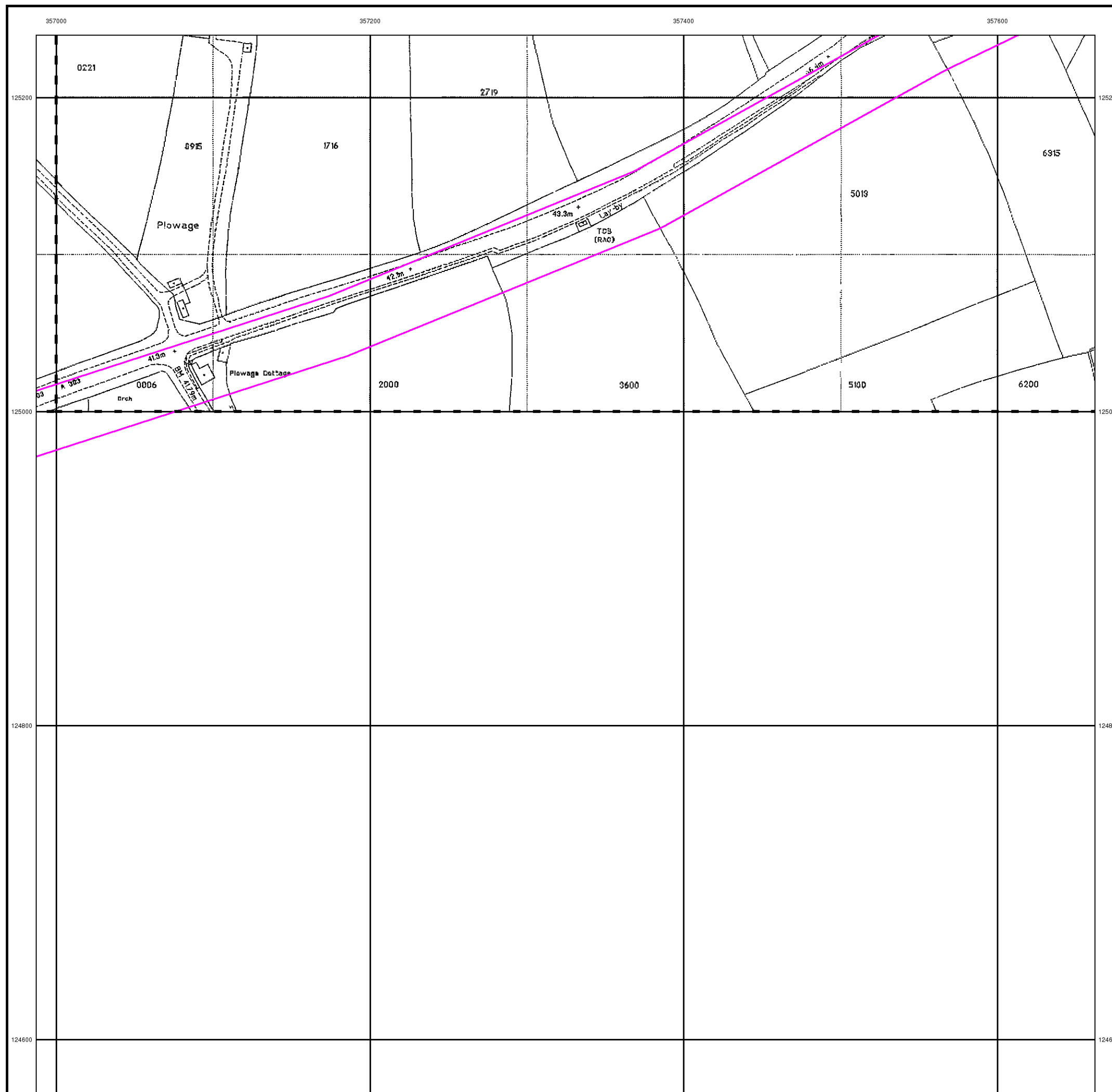


Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 357560, 125020
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 Site Area (Ha): 21.47
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Site Details

Site at, Sparkford, Somerset



Historical Mapping Legends

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

Quarry **Gravel Pit** **Sand Pit**
Clay Pit **Shingle** **Refuse Heap**
Sloping Masonry **Flat Rock**
Marsh **Reeds** **Osiers**
Rough Pasture **Furze** **Wood**
Mixed Wood **Brushwood** **Orchard**
Fir **Ford** **Stepping Stones**
Ferry **Waterfall** **Lock**
Trig. Station **Altitude at Trig. Station**
B.M. 325.9 **Bench Mark** **Surface Level**
Arrow denotes flow of water **Antiquities (site of)**
Cutting **Embankment**
Railway crossing Road **Level Crossing** **Road crossing Railway**
Railway crossing River or Canal **Road over single stream** **Road over River or Canal**
County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
County Borough Boundary (England)
County Burgh Boundary (Scotland)
Boundary Post or Stone **Police Call Box**
B.R. Bridle Road **Pump**
E.P. Electricity Pylon **S.P. Signal Post**
F.B. Foot Bridge **Sl. Sluice**
F.P. Foot Path **Sp. Spring**
G.P. Guide Post or Board **T.C.B. Telephone Call Box**
M.S. Mile Stone **Tr. Trough**
M.P. M.R. Mooring Post or Ring **W. Well**

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

Inactive Quarry, Chalk Pit or Clay Pit **Active Quarry, Chalk Pit or Clay Pit**
Rock **Boulders**
Cliff **Slopes** **Top**
Roofed Building **Glazed Roof Building**
Sloping Masonry **Archway**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Bench Mark** **Antiquity (site of)**
Cave Entrance **Triangulation Station** **Electricity Pylon**
Electricity Transmission Line
County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
London Borough Boundary
Symbol marking point where boundary mereing changes
Beer House **Pillar, Pole or Post**
Boundary Post or Stone **Post Office**
Capstan, Crane **Public Convenience**
Chimney **Public House**
Drinking Fountain **Pump**
Electricity Pillar or Post **Signal Box or Bridge**
Fire Alarm Pillar **Signal Post or Light**
Foot Bridge **Spring**
Guide Post **Tank or Track**
Hydrant or Hydraulic **Telephone Call Box**
Level Crossing **Telephone Call Post**
Manhole **Trough**
Mile Post or Mooring Post **Water Point, Water Tap**
Mile Stone **Well**
Normal Tidal Limit **Wind Pump**

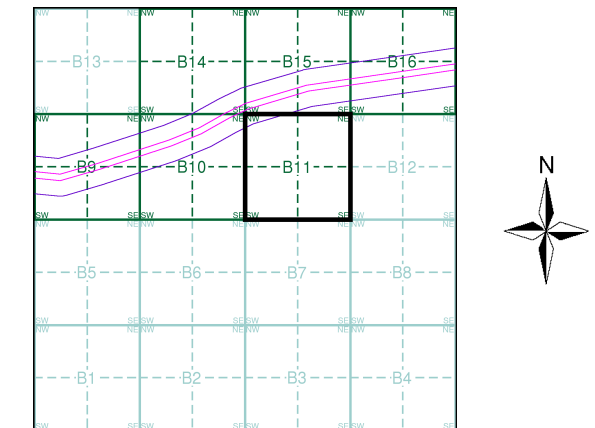
Large-Scale National Grid Data 1:2,500 and 1:1,250

Cliff **Slopes** **Top**
Rock **Rock (scattered)**
Boulders **Boulders (scattered)**
Positioned Boulder **Scree**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
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Roofed Building **Glazed Roof Building**
Civil parish/community boundary
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Barracks **Pillar, Pole or Post**
Battery **Post Office**
Cemetery **Public Convenience**
Chimney **Pump**
Cistern **Pumping Station**
Dismtd Rly **Place of Worship**
Electricity Generating Station **Sewage Ppg Sta** **Sewage Pumping Station**
Electricity Pole, Pillar **Signal Box or Bridge**
Electricity Sub Station **Signal Post or Light**
Filter Bed **Spring**
Fountain / Drinking Ftn. **Tank or Track**
Gas Valve Compound **Trough**
Gas Governor **Wind Pump**
Guide Post **Water Point, Water Tap**
Manhole **Works (building or area)**
Mile Post or Mile Stone **Well**

Grontmij
Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Somerset	1:2,500	1887	2
Somerset	1:2,500	1903	3
Ordnance Survey Plan	1:2,500	1975	4
Large-Scale National Grid Data	1:2,500	1995	5
Large-Scale National Grid Data	1:2,500	1996	6

Historical Map - Segment B11



Order Details

Order Number: 79295009_1_1
Customer Ref: A303
National Grid Reference: 357560, 125020
Slice: B
Site Area (Ha): 21.47
Search Buffer (m): 100

Site Details

Site at, Sparkford, Somerset

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

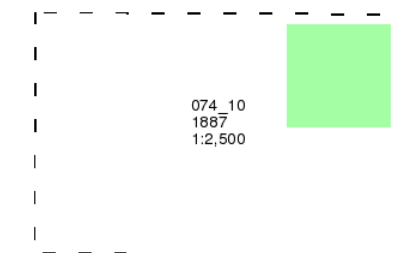
Somerset

Published 1887

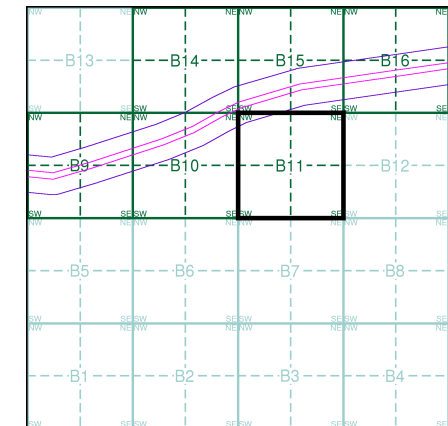
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment B11

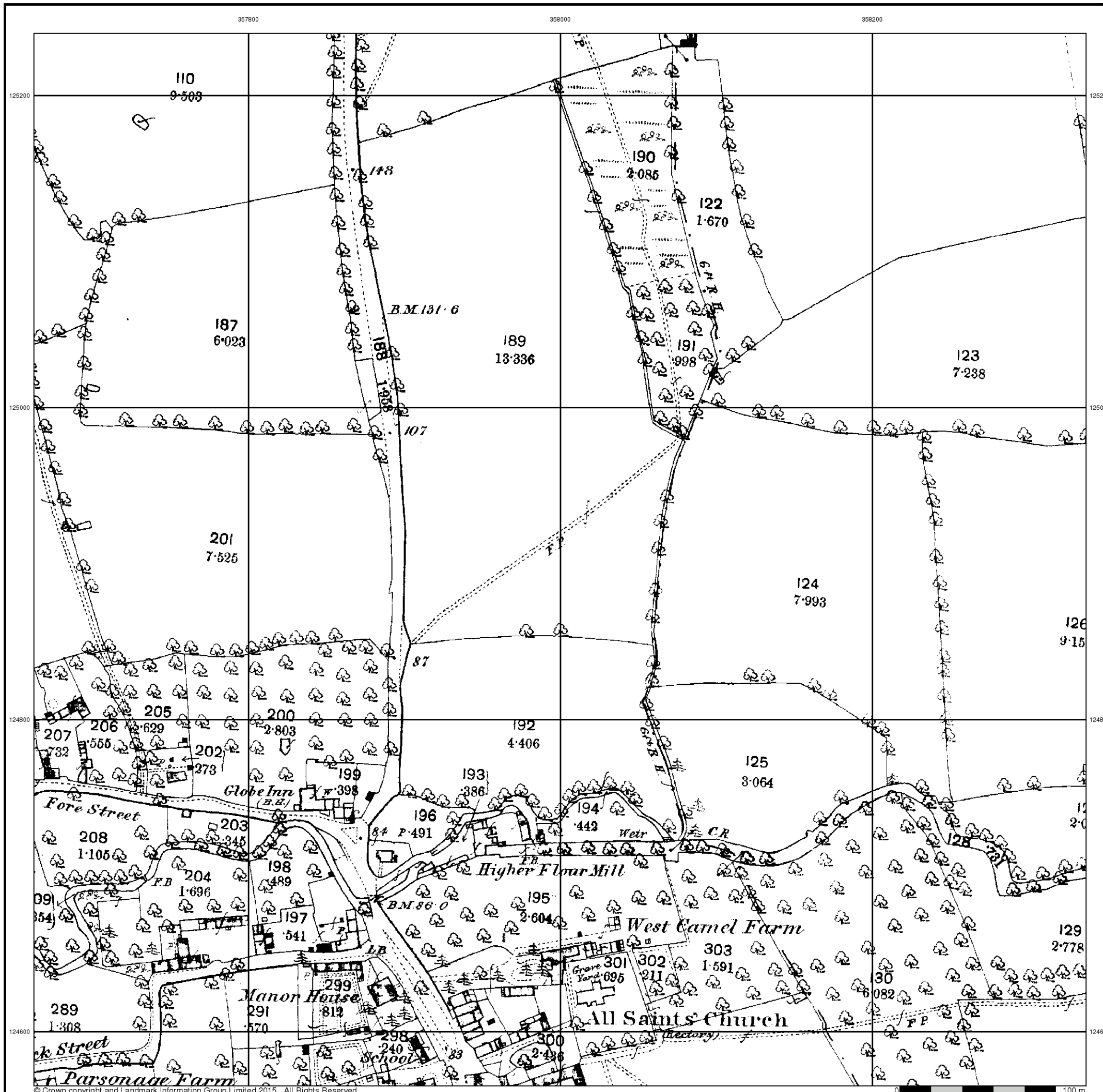


Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 357560, 125020
 Slice: B
 Site Area (Ha): 21.47
 Search Buffer (m): 100

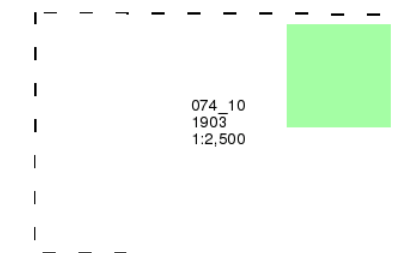
Site Details

Site at, Sparkford, Somerset

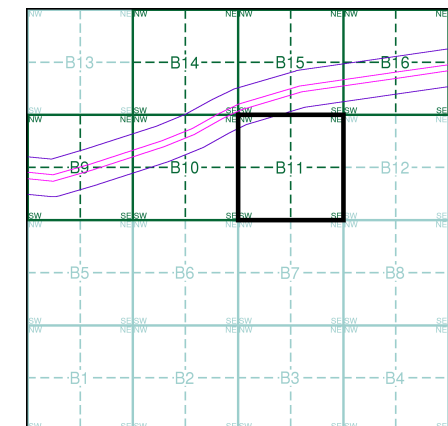


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain.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

Map Name(s) and Date(s)



Historical Map - Segment B11



Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 357560, 125020
 Slice: B
 Site Area (Ha): 21.47
 Search Buffer (m): 100

Site Details

Site at, Sparkford, Somerset

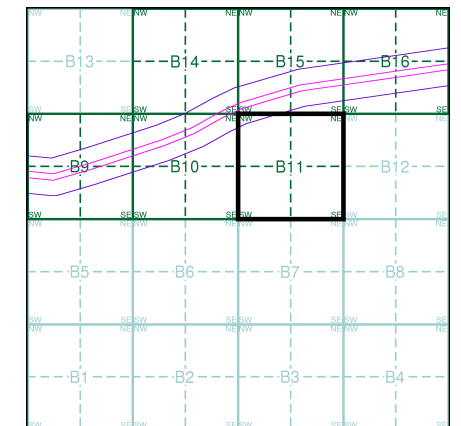


'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic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

Map Name(s) and Date(s)

ST5725	ST5825
1995	1995
12,500	12,500
ST5724	ST5824
1995	1995
12,500	12,500

Historical Map - Segment B11



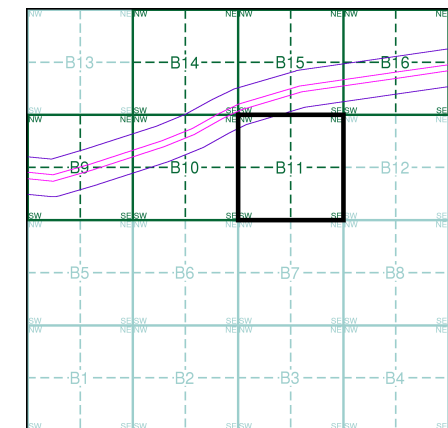
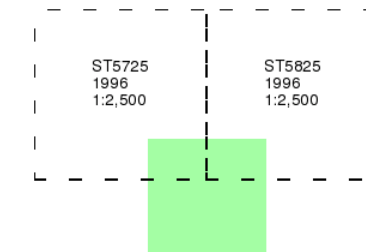
Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 357560, 125020
 Slice: B
 Site Area (Ha): 21.47
 Search Buffer (m): 100

Site Details

Site at, Sparkford, Somerset



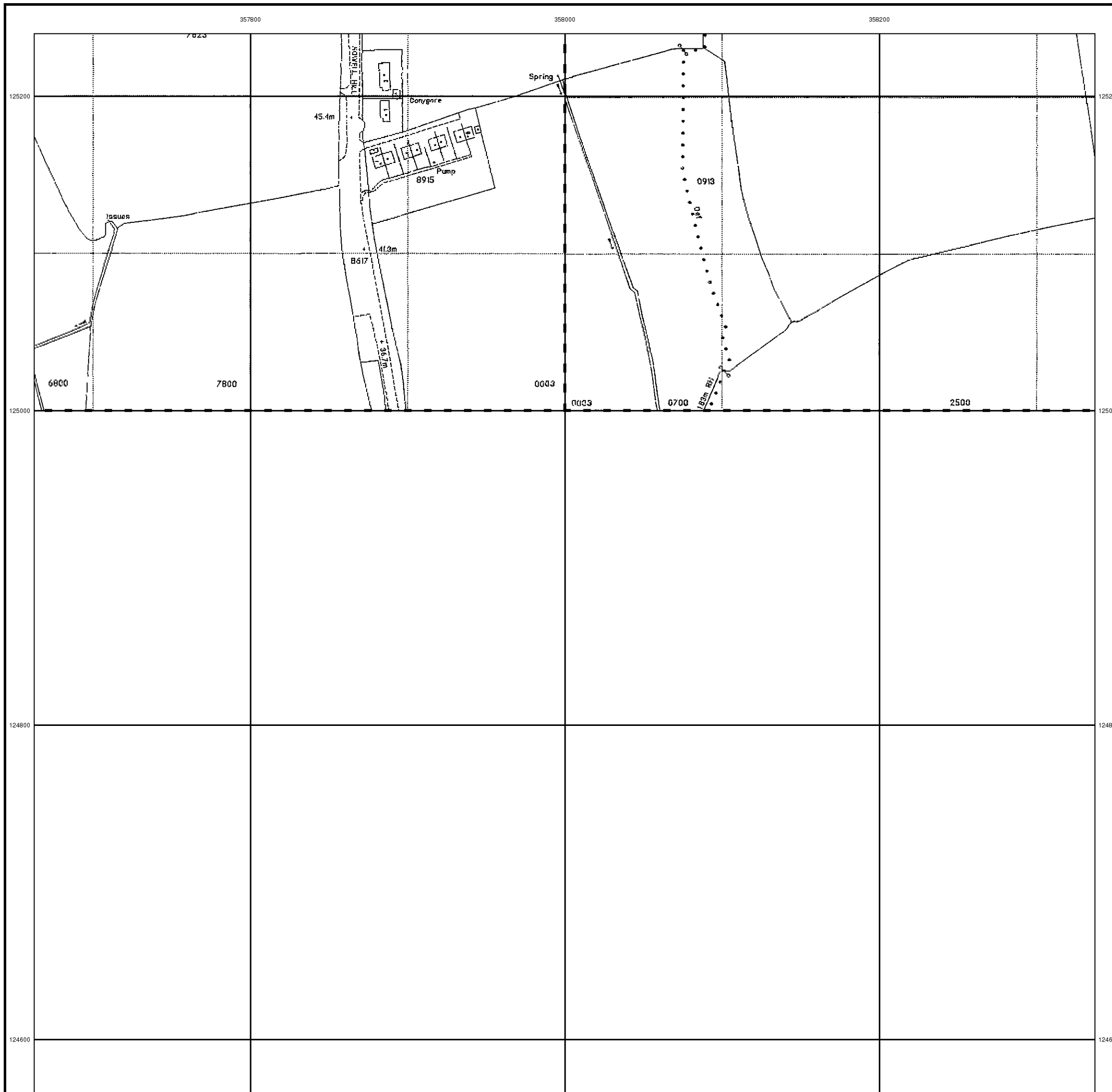


Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 357560, 125020
 Slice: B
 Site Area (Ha): 21.47
 Search Buffer (m): 100

Site Details

Site at, Sparkford, Somerset



Historical Mapping Legends

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

Quarry **Gravel Pit** **Sand Pit**
Clay Pit **Shingle** **Refuse Heap**
Sloping Masonry **Flat Rock**
Marsh **Reeds** **Osiers**
Rough Pasture **Furze** **Wood**
Mixed Wood **Brushwood** **Orchard**
Fir **Ford** **Stepping Stones**
Ferry **Waterfall** **Lock**
Trig. Station **Altitude at Trig. Station**
B.M. 325.9 **Bench Mark** **Surface Level**
Arrow denotes flow of water **Antiquities (site of)**
Cutting **Embankment**
Railway crossing Road **Level Crossing** **Road crossing Railway**
Railway crossing River or Canal **Road over single stream** **Road over River or Canal**
County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
County Borough Boundary (England)
County Burgh Boundary (Scotland)
Co. Boro. Bdy.
Co. Burgh Bdy.
BP BS Boundary Post or Stone **P.C.B** Police Call Box
B.R. Bridle Road **P** Pump
E.P Electricity Pylon **S.P** Signal Post
F.B. Foot Bridge **SL** Sluice
F.P. Foot Path **Sp.** Spring
G.P Guide Post or Board **T.C.B** Telephone Call Box
M.S Mile Stone **Tr.** Trough
M.P M.R Mooring Post or Ring **W** Well

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

Inactive Quarry, Chalk Pit or Clay Pit **Active Quarry, Chalk Pit or Clay Pit**
Rock **Boulders**
Cliff **Slopes** **Top**
Roofed Building **Glazed Roof Building**
Sloping Masonry **Archway**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Bench Mark** **Antiquity (site of)**
Cave Entrance **Triangulation Station** **Electricity Pylon**
Electricity Transmission Line
County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
London Borough Boundary
Symbol marking point where boundary mereing changes
BH Beer House **P** Pillar, Pole or Post
BP, BS Boundary Post or Stone **PO** Post Office
Cn, C Capstan, Crane **PC** Public Convenience
Chy Chimney **PH** Public House
D Fn Drinking Fountain **Pp** Pump
EI P Electricity Pillar or Post **SB, S Br** Signal Box or Bridge
FAP Fire Alarm Pillar **SP, SL** Signal Post or Light
FB Foot Bridge **Spr** Spring
GP Guide Post **Tk** Tank or Track
H Hydrant or Hydraulic **TCB** Telephone Call Box
LC Level Crossing **TCP** Telephone Call Post
MH Manhole **Tr** Trough
MP Mile Post or Mooring Post **Wr Pt, Wr T** Water Point, Water Tap
MS Mile Stone **W** Well
NTL Normal Tidal Limit **Wd Pp** Wind Pump

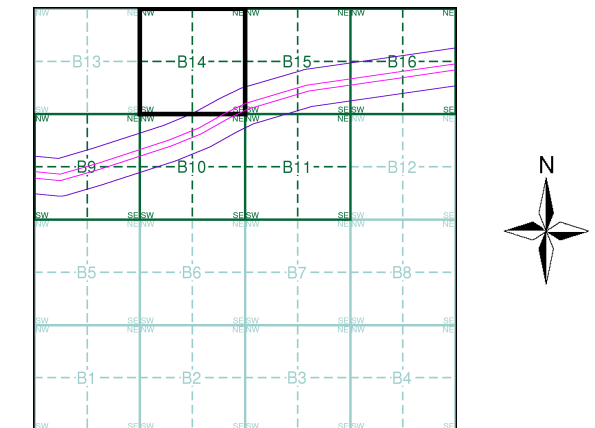
Large-Scale National Grid Data 1:2,500 and 1:1,250

Cliff **Slopes** **Top**
Rock **Rock (scattered)**
Boulders **Boulders (scattered)**
Positioned Boulder **Scree**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Triangulation Station** **Antiquity (site of)**
Electricity Transmission Line **Electricity Pylon**
B.M. 231.60m Bench Mark **Buildings with Building Seed**
Roofed Building **Glazed Roof Building**
Civil parish/community boundary
District boundary
County boundary
Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)
Bks Barracks **P** Pillar, Pole or Post
Bty Battery **PO** Post Office
Cemy Cemetery **PC** Public Convenience
Chy Chimney **Pp** Pump
Cis Cistern **Ppg Sta** Pumping Station
Dismtd Rly Dismantled Railway **PW** Place of Worship
EI Gen Sta Electricity Generating Station **Sewage Ppg Sta** Sewage Pumping Station
EI P Electricity Pole, Pillar **SB, S Br** Signal Box or Bridge
EI Sub Sta Electricity Sub Station **SP, SL** Signal Post or Light
FB Filter Bed **Spr** Spring
Fn / D Fn Fountain / Drinking Ftn. **Tk** Tank or Track
Gas Gov Gas Valve Compound **Tr** Trough
GVC Gas Governor **Wd Pp** Wind Pump
GP Guide Post **Wr Pt, Wr T** Water Point, Water Tap
MH Manhole **Wks** Works (building or area)
MP, MS Mile Post or Mile Stone **W** Well

Grontmij
 Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Somerset	1:2,500	1887	2
Somerset	1:2,500	1903	3
Ordnance Survey Plan	1:2,500	1975	4
Large-Scale National Grid Data	1:2,500	1995	5
Large-Scale National Grid Data	1:2,500	1996	6

Historical Map - Segment B14



Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 357560, 125020
 Slice: B
 Site Area (Ha): 21.47
 Search Buffer (m): 100

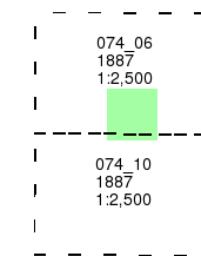
Site Details

Site at, Sparkford, Somerset

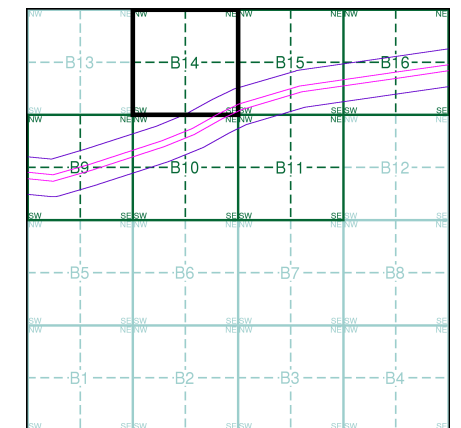
Landmark Information Group
 Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk

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

Map Name(s) and Date(s)



Historical Map - Segment B14

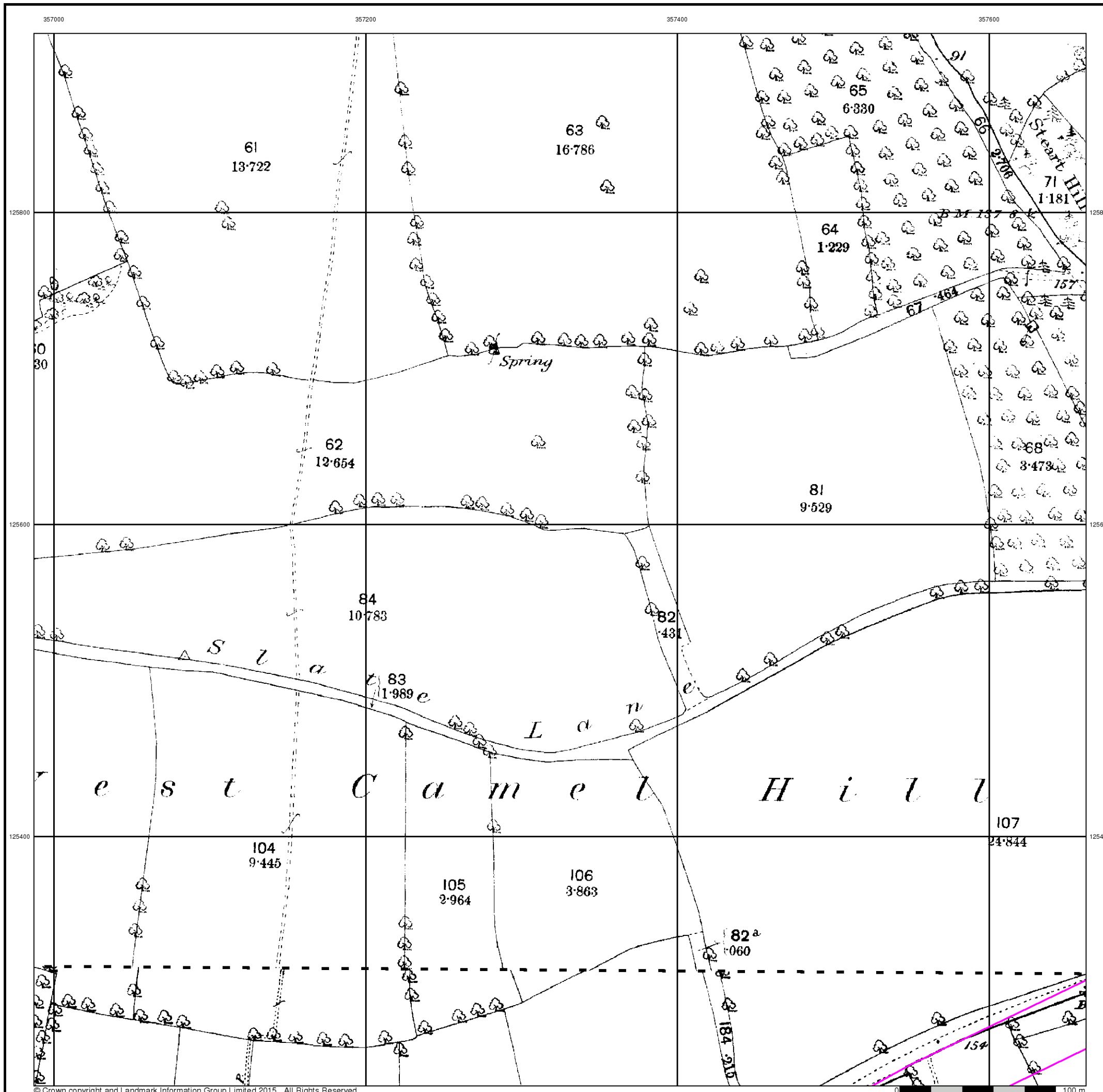


Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 357560, 125020
 Slice: B
 Site Area (Ha): 21.47
 Search Buffer (m): 100

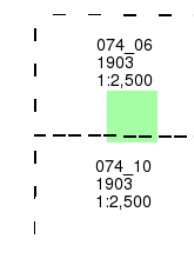
Site Details

Site at, Sparkford, Somerset

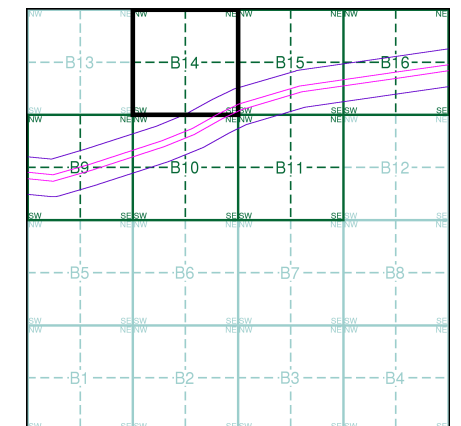


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain.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

Map Name(s) and Date(s)



Historical Map - Segment B14

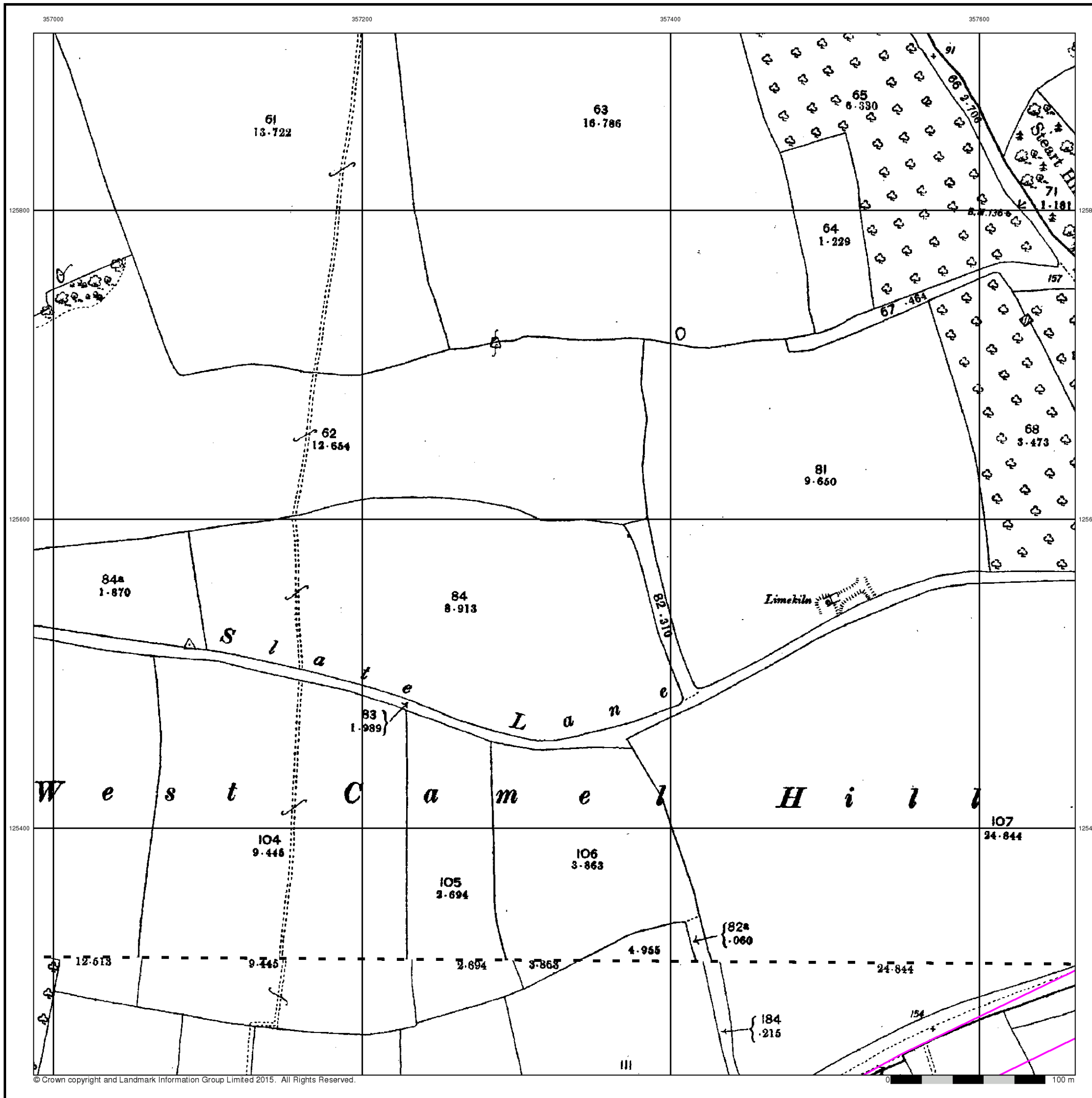


Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 357560, 125020
 Slice: B
 Site Area (Ha): 21.47
 Search Buffer (m): 100

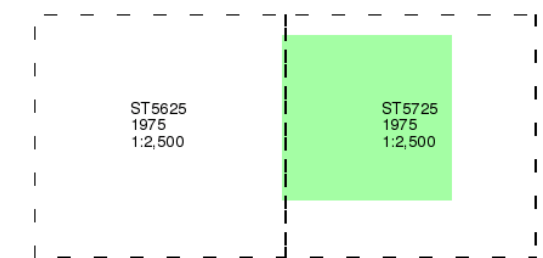
Site Details

Site at, Sparkford, Somerset

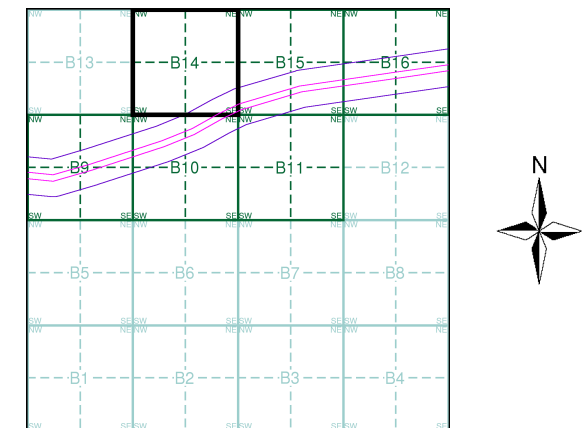


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain.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

Map Name(s) and Date(s)



Historical Map - Segment B14



Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 357560, 125020
 Slice: B
 Site Area (Ha): 21.47
 Search Buffer (m): 100

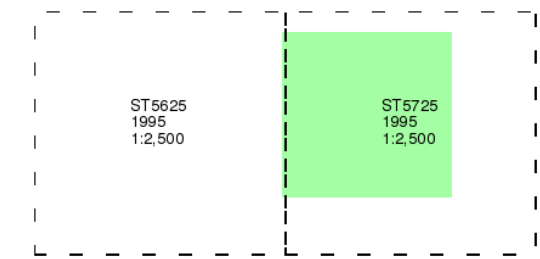
Site Details

Site at, Sparkford, Somerset

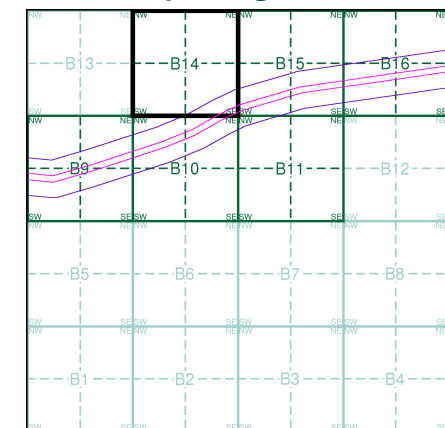


'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic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

Map Name(s) and Date(s)



Historical Map - Segment B14

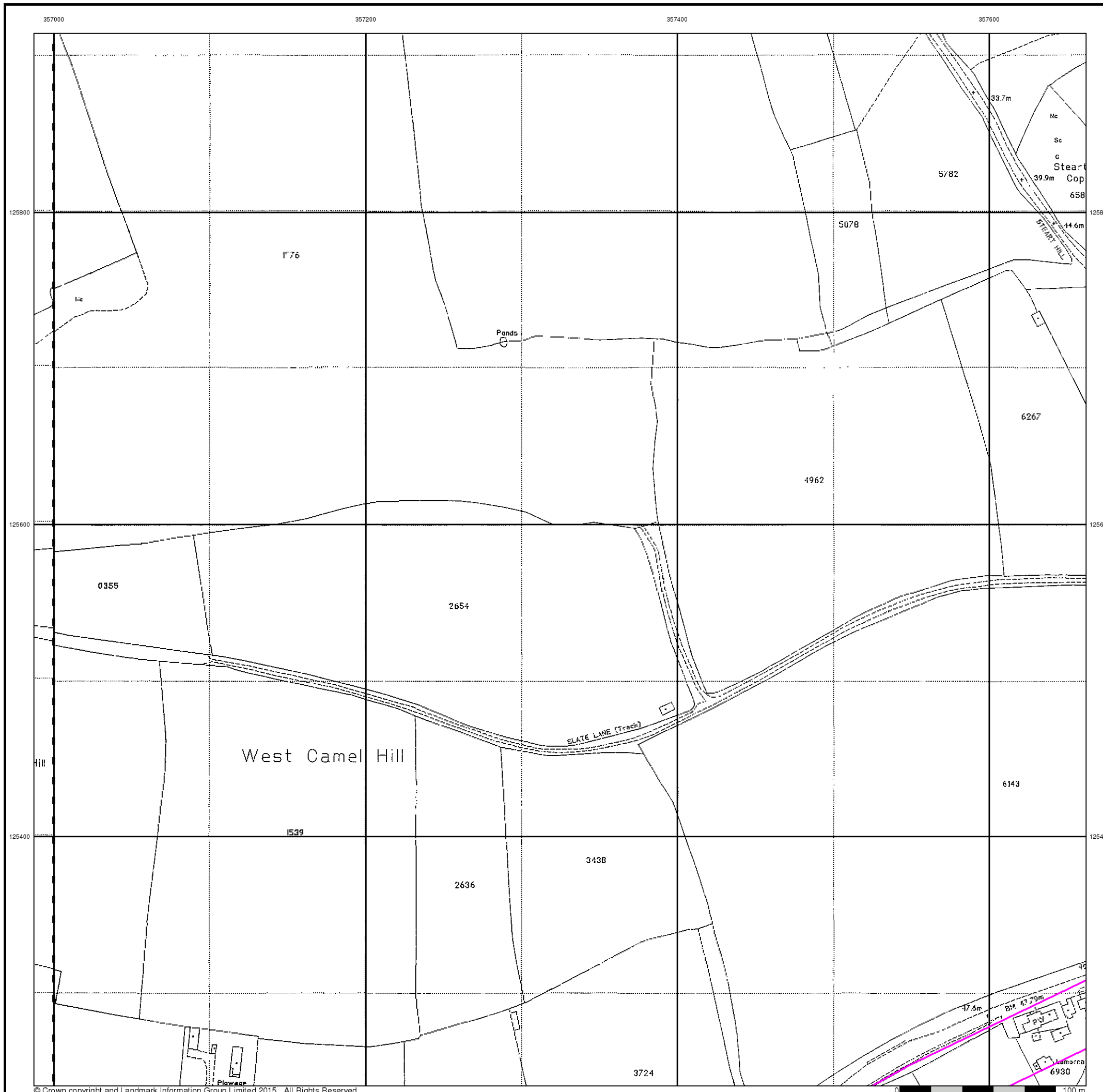


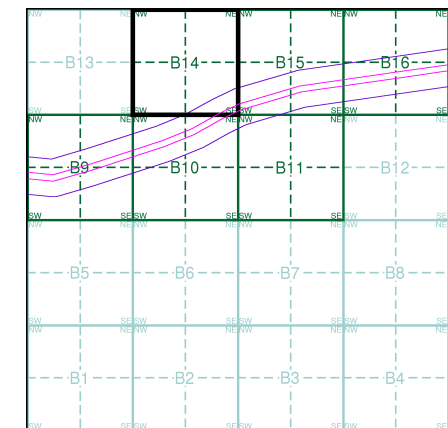
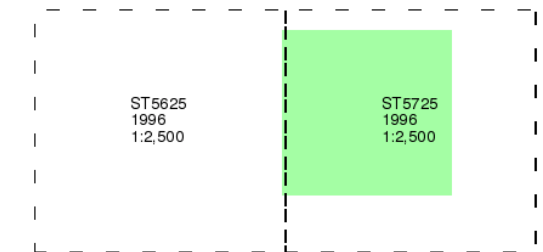
Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 357560, 125020
 Slice: B
 Site Area (Ha): 21.47
 Search Buffer (m): 100

Site Details

Site at, Sparkford, Somerset



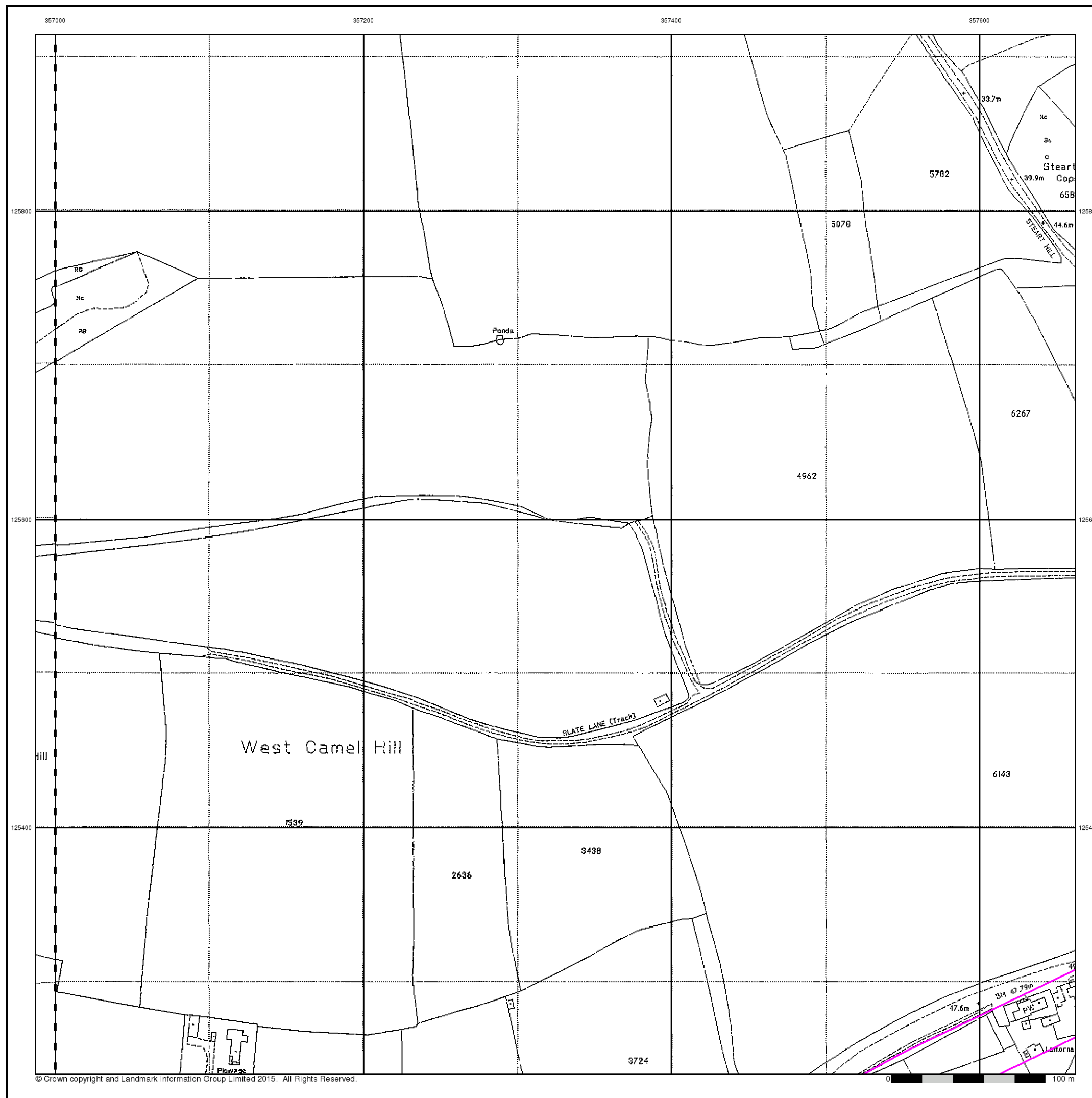


Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 357560, 125020
 Slice: B
 Site Area (Ha): 21.47
 Search Buffer (m): 100

Site Details

Site at, Sparkford, Somerset



Historical Mapping Legends

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

Quarry **Gravel Pit** **Sand Pit**
Clay Pit **Shingle** **Refuse Heap**
Sloping Masonry **Flat Rock**
Marsh **Reeds** **Osiers**
Rough Pasture **Furze** **Wood**
Mixed Wood **Brushwood** **Orchard**
Fir **Ford** **Stepping Stones**
Ferry **Waterfall** **Lock**
Trig. Station **Altitude at Trig. Station**
B.M. 325.9 **Bench Mark** **Surface Level**
Arrow denotes flow of water **Antiquities (site of)**
Cutting **Embankment**
Railway crossing Road **Level Crossing** **Road crossing Railway**
Railway crossing River or Canal **Road over single stream** **Road over River or Canal**
County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
County Borough Boundary (England)
County Burgh Boundary (Scotland)
Boundary Post or Stone **Police Call Box**
B.R. Bridle Road **Pump**
E.P. Electricity Pylon **S.P. Signal Post**
F.B. Foot Bridge **Sl. Sluice**
F.P. Foot Path **Sp. Spring**
G.P. Guide Post or Board **T.C.B. Telephone Call Box**
M.S. Mile Stone **Tr. Trough**
M.P. M.R. Mooring Post or Ring **W. Well**

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

Inactive Quarry, Chalk Pit or Clay Pit **Active Quarry, Chalk Pit or Clay Pit**
Rock **Boulders**
Cliff **Slopes** **Top**
Roofed Building **Glazed Roof Building**
Sloping Masonry **Archway**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Bench Mark** **Antiquity (site of)**
Cave Entrance **Triangulation Station** **Electricity Pylon**
Electricity Transmission Line
County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
London Borough Boundary
Symbol marking point where boundary mereing changes
BH Beer House **P Pillar, Pole or Post**
BP, BS Boundary Post or Stone **PO Post Office**
Cn, C Capstan, Crane **PC Public Convenience**
Chy Chimney **PH Public House**
D Fn Drinking Fountain **Pp Pump**
EI P Electricity Pillar or Post **SB, S Br Signal Box or Bridge**
FAP Fire Alarm Pillar **SP, SL Signal Post or Light**
FB Foot Bridge **Spr Spring**
GP Guide Post **Tk Tank or Track**
H Hydrant or Hydraulic **TCB Telephone Call Box**
LC Level Crossing **TCP Telephone Call Post**
MH Manhole **Tr Trough**
MP Mile Post or Mooring Post **Wr Pt, Wr T Water Point, Water Tap**
MS Mile Stone **W Well**
NTL Normal Tidal Limit **Wd Pp Wind Pump**

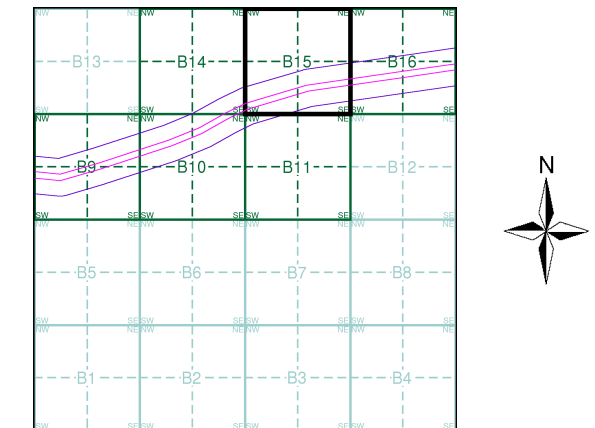
Large-Scale National Grid Data 1:2,500 and 1:1,250

Cliff **Slopes** **Top**
Rock **Rock (scattered)**
Boulders **Boulders (scattered)**
Positioned Boulder **Scree**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Triangulation Station** **Antiquity (site of)**
Electricity Transmission Line **Electricity Pylon**
B.M. 231.60m Bench Mark **Buildings with Building Seed**
Roofed Building **Glazed Roof Building**
Civil parish/community boundary
District boundary
County boundary
Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)
Bks Barracks **P Pillar, Pole or Post**
Bty Battery **PO Post Office**
Cemy Cemetery **PC Public Convenience**
Chy Chimney **Pp Pump**
Cis Cistern **Ppg Sta Pumping Station**
Dismtd Rly Dismantled Railway **PW Place of Worship**
EI Gen Sta Electricity Generating Station **Sewage Ppg Sta Sewage Pumping Station**
EI P Electricity Pole, Pillar **SB, S Br Signal Box or Bridge**
EI Sub Sta Electricity Sub Station **SP, SL Signal Post or Light**
FB Filter Bed **Spr Spring**
Fn / D Fn Fountain / Drinking Ftn. **Tk Tank or Track**
Gas Gov Gas Valve Compound **Tr Trough**
GVC Gas Governor **Wd Pp Wind Pump**
GP Guide Post **Wr Pt, Wr T Water Point, Water Tap**
MH Manhole **Wks Works (building or area)**
MP, MS Mile Post or Mile Stone **W Well**

Grontmij
Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Somerset	1:2,500	1887	2
Somerset	1:2,500	1903	3
Ordnance Survey Plan	1:2,500	1975	4
Large-Scale National Grid Data	1:2,500	1995	5
Large-Scale National Grid Data	1:2,500	1996	6

Historical Map - Segment B15



Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 357560, 125020
 Slice: B
 Site Area (Ha): 21.47
 Search Buffer (m): 100

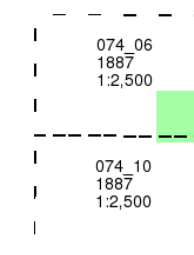
Site Details

Site at, Sparkford, Somerset

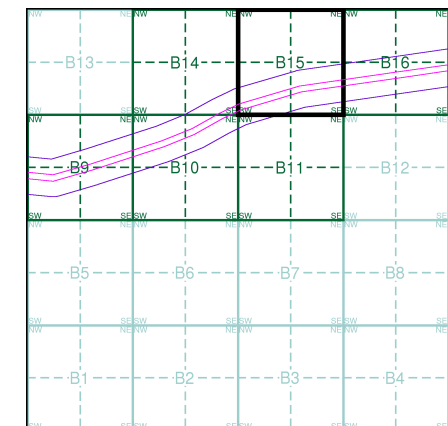
Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk

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Map Name(s) and Date(s)



Historical Map - Segment B15

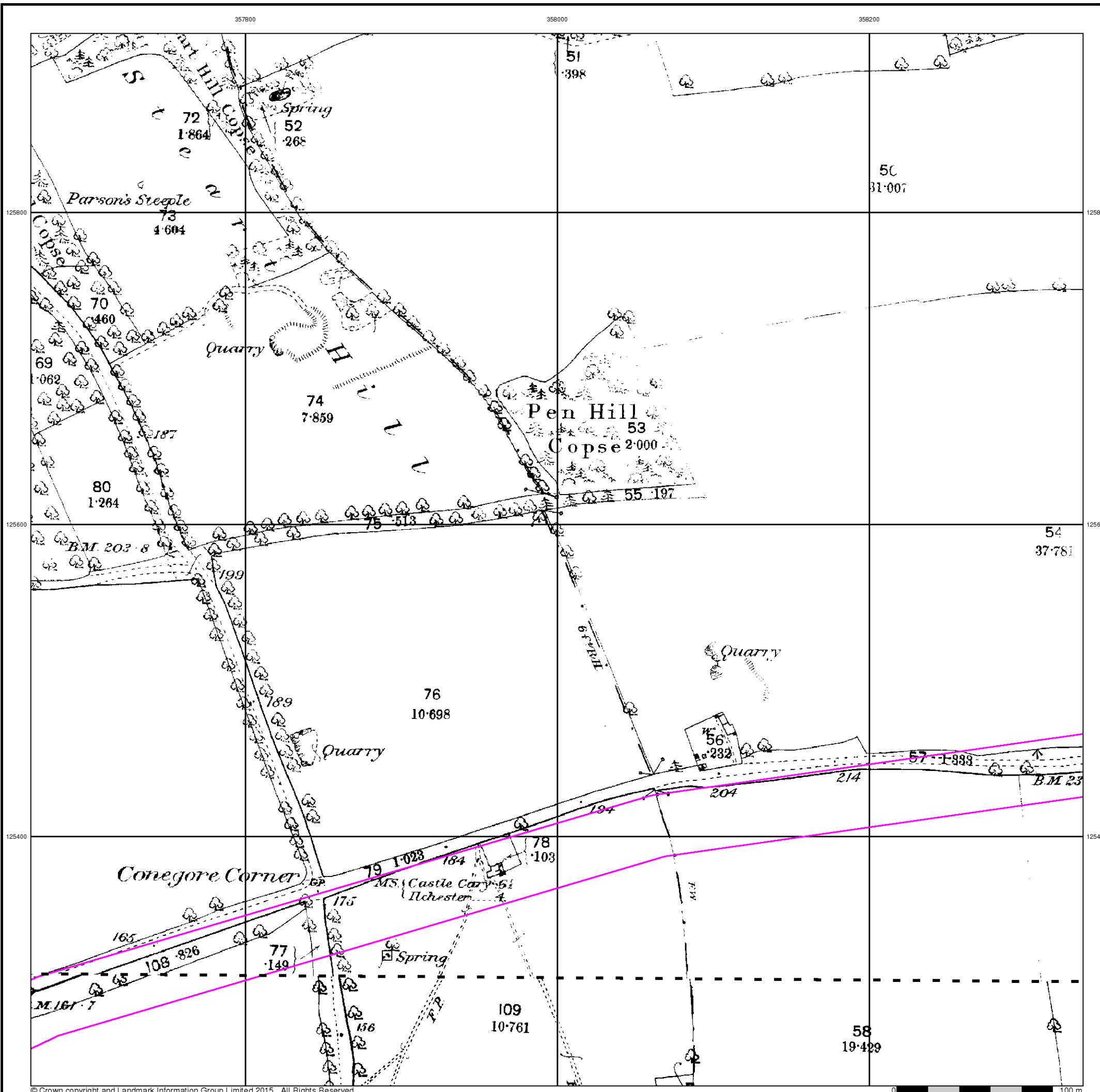


Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 357560, 125020
 Slice: B
 Site Area (Ha): 21.47
 Search Buffer (m): 100

Site Details

Site at, Sparkford, Somerset



Somerset

Published 1903

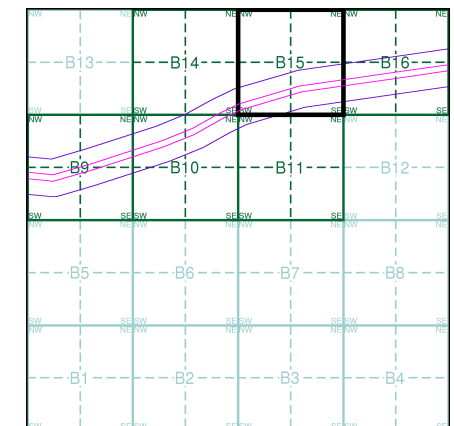
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

074_06	1903	1:2,500
074_10	1903	1:2,500

Historical Map - Segment B15

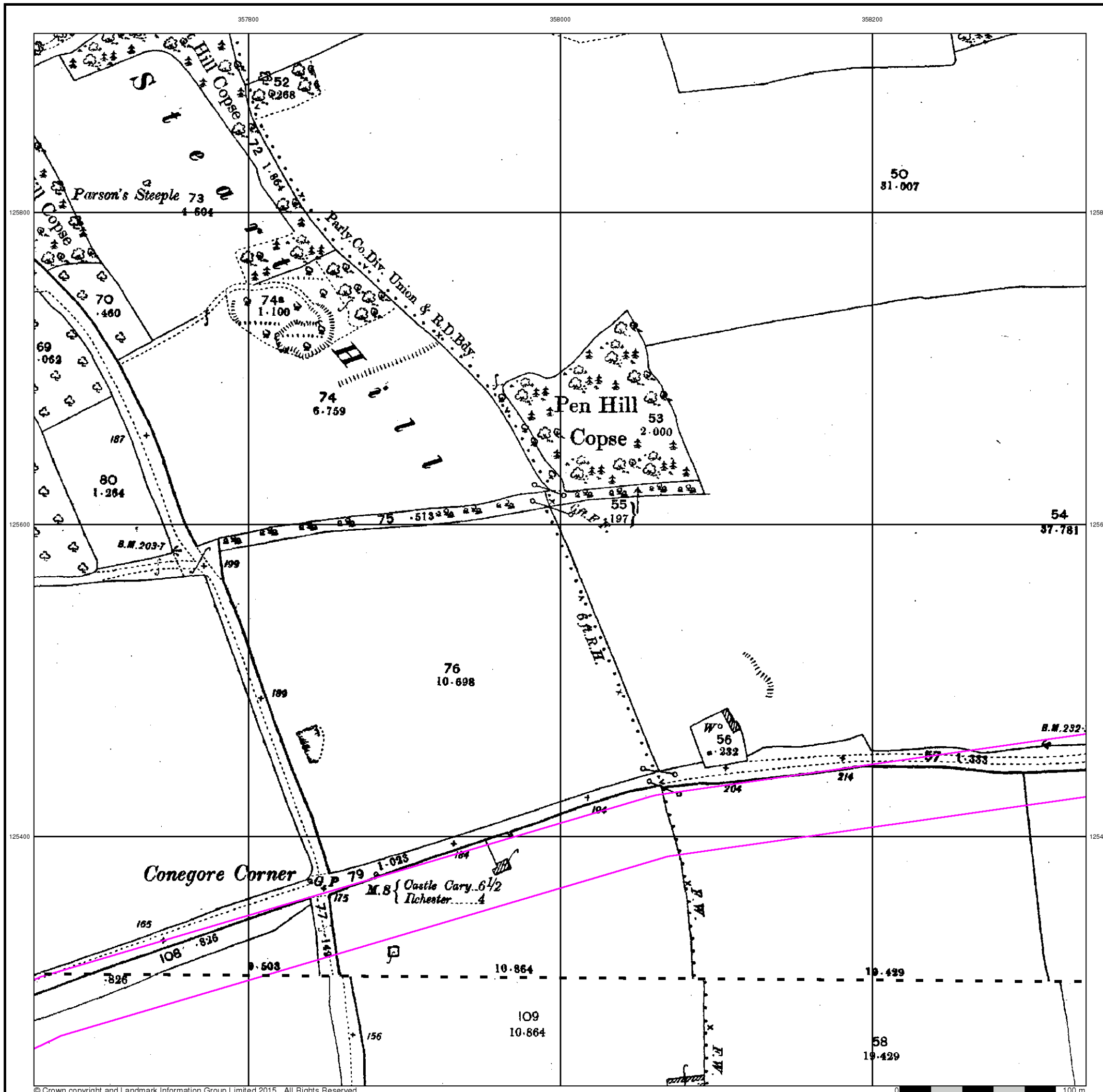


Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 357560, 125020
 Slice: B
 Site Area (Ha): 21.47
 Search Buffer (m): 100

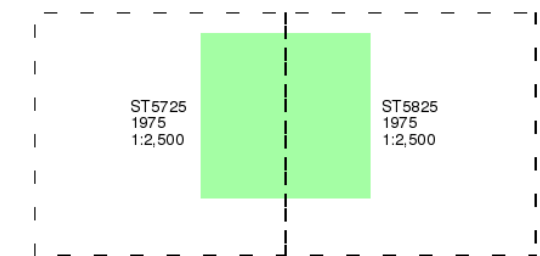
Site Details

Site at, Sparkford, Somerset

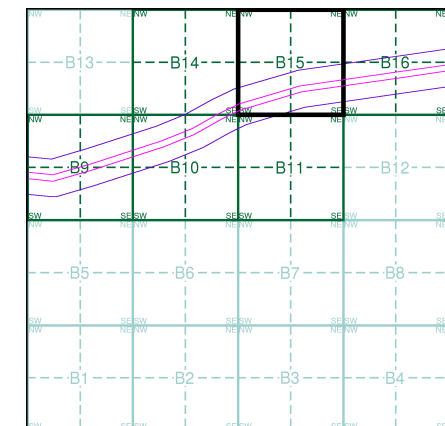


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain.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

Map Name(s) and Date(s)



Historical Map - Segment B15

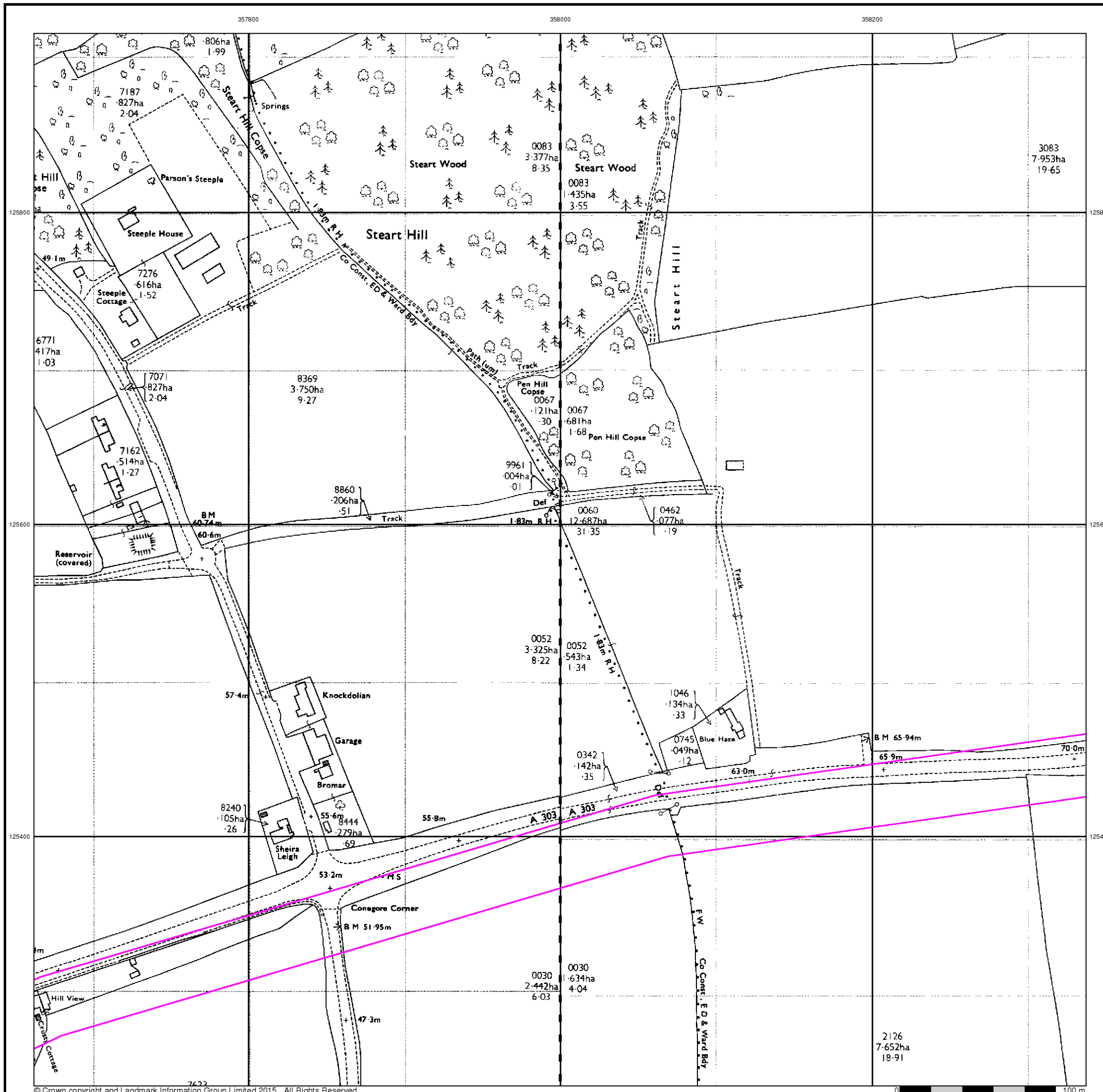


Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 357560, 125020
 Slice: B
 Site Area (Ha): 21.47
 Search Buffer (m): 100

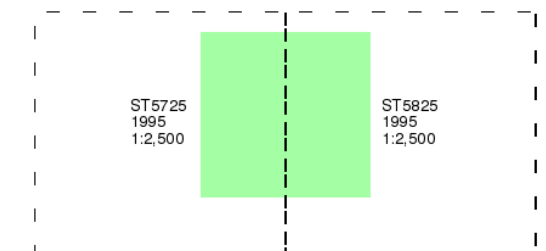
Site Details

Site at, Sparkford, Somerset

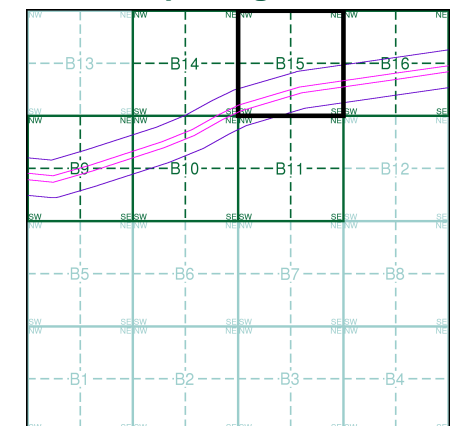


'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic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

Map Name(s) and Date(s)



Historical Map - Segment B15



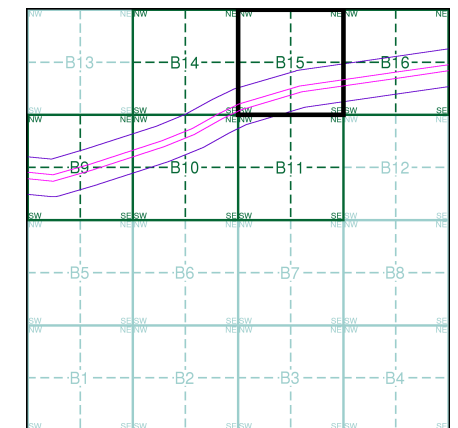
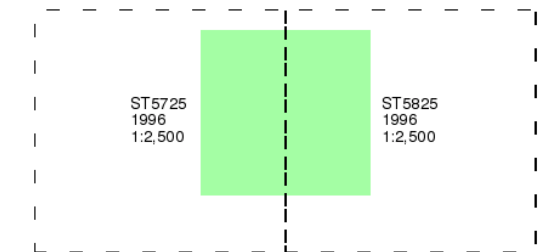
Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 357560, 125020
 Slice: B
 Site Area (Ha): 21.47
 Search Buffer (m): 100

Site Details

Site at, Sparkford, Somerset



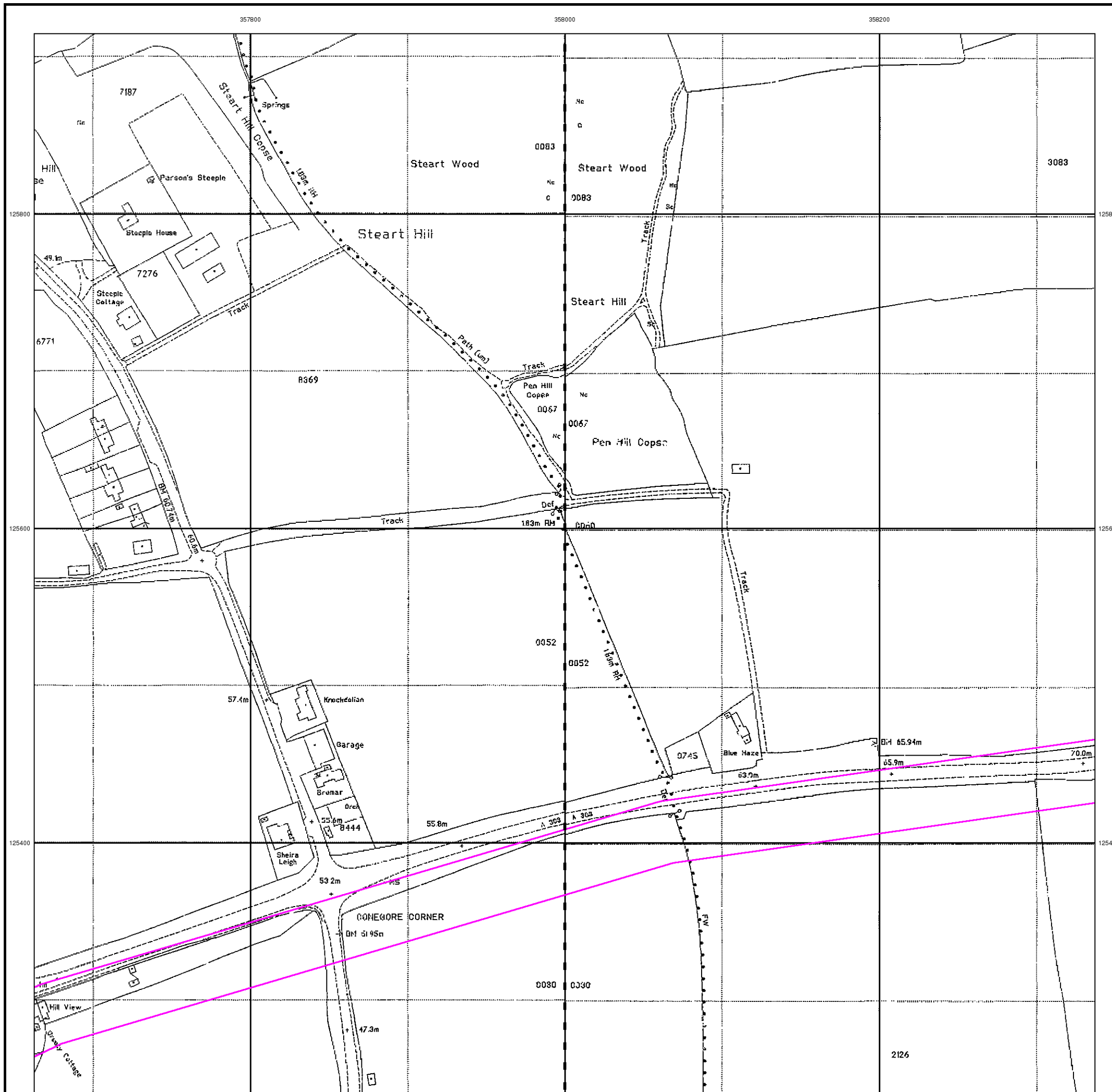


Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 357560, 125020
 Slice: B
 Site Area (Ha): 21.47
 Search Buffer (m): 100

Site Details

Site at, Sparkford, Somerset



Historical Mapping Legends

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

	Quarry		Gravel Pit		Sand Pit
	Clay Pit		Shingle		Refuse Heap
	Sloping Masonry		Flat Rock		
	Marsh		Reeds		Osiers
	Rough Pasture		Furze		Wood
	Mixed Wood		Brushwood		Orchard
	Fir		Ford		Stepping Stones
	Ferry		Waterfall		Lock
	Trig. Station		Altitude at Trig. Station		
	B.M. 325.9		Bench Mark		Surface Level
	Arrow denotes flow of water		Antiquities (site of)		
	Cutting		Embankment		
	Railway crossing Road		Level Crossing		Road crossing Railway
	Railway crossing River or Canal		Road over single stream		Road over River or Canal
	County Boundary (Geographical)				
	County & Civil Parish Boundary				
	Administrative County & Civil Parish Boundary				
	County Borough Boundary (England)				
	County Burgh Boundary (Scotland)				
	Boundary Post or Stone		Police Call Box		
	Bridle Road		Pump		
	Electricity Pylon		Signal Post		
	Foot Bridge		Sluice		
	Foot Path		Spring		
	Guide Post or Board		Telephone Call Box		
	Mile Stone		Trough		
	Mooring Post or Ring		Well		

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

	Inactive Quarry, Chalk Pit or Clay Pit		Active Quarry, Chalk Pit or Clay Pit
	Rock		Boulders
	Cliff		Slopes
	Roofed Building		Glazed Roof Building
	Sloping Masonry		Archway
	Non-Coniferous Tree (surveyed)		Coniferous Tree (surveyed)
	Non-Coniferous Trees (not surveyed)		Coniferous Trees (not surveyed)
	Orchard Tree		Scrub
	Coppice, Osier		Reeds
	Rough Grassland		Heath
	Direction of water flow		Bench Mark
	Cave Entrance		Triangulation Station
	Electricity Transmission Line		Antiquity (site of)
	County Boundary (Geographical)		Electricity Pylon
	County & Civil Parish Boundary		
	Civil Parish Boundary		
	Admin. County or County Bor. Boundary		
	London Borough Boundary		
	Symbol marking point where boundary mereing changes		
	Beer House		Pillar, Pole or Post
	Boundary Post or Stone		Post Office
	Capstan, Crane		Public Convenience
	Chimney		Public House
	Drinking Fountain		Pump
	Electricity Pillar or Post		Signal Box or Bridge
	Fire Alarm Pillar		Signal Post or Light
	Foot Bridge		Spring
	Guide Post		Tank or Track
	Hydrant or Hydraulic		Telephone Call Box
	Level Crossing		Telephone Call Post
	Manhole		Trough
	Mile Post or Mooring Post		Water Point, Water Tap
	Mile Stone		Well
	Normal Tidal Limit		Wind Pump

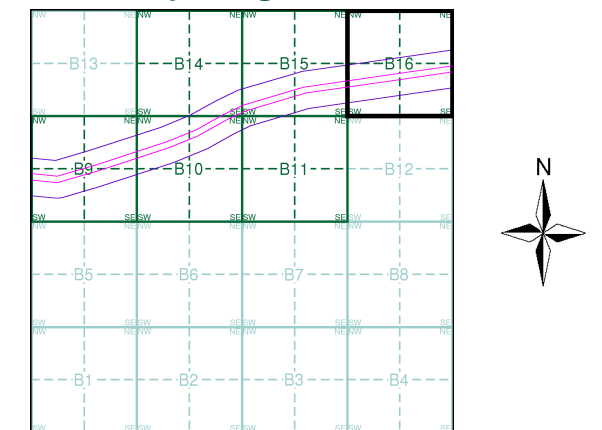
Large-Scale National Grid Data 1:2,500 and 1:1,250

	Cliff		Rock		Rock (scattered)
	Boulders		Positioned Boulder		Scree
	Non-Coniferous Tree (surveyed)		Coniferous Tree (surveyed)		
	Non-Coniferous Trees (not surveyed)		Coniferous Trees (not surveyed)		
	Orchard Tree		Scrub		Bracken
	Coppice, Osier		Reeds		Marsh, Saltings
	Rough Grassland		Heath		Culvert
	Direction of water flow		Triangulation Station		Antiquity (site of)
	Electricity Transmission Line		Electricity Pylon		
	Bench Mark		Buildings with Building Seed		
	Roofed Building		Glazed Roof Building		
	Civil parish/community boundary				
	District boundary				
	County boundary				
	Boundary post/stone				
	Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)				
	Barracks		Pillar, Pole or Post		
	Battery		Post Office		
	Cemetery		Public Convenience		
	Chimney		Pump		
	Cistern		Pumping Station		
	Dismtd Rly		Place of Worship		
	Electricity Generating Station		Sewage Pumping Station		
	Electricity Pole, Pillar		Signal Box or Bridge		
	Electricity Sub Station		Signal Post or Light		
	Filter Bed		Spring		
	Fountain / Drinking Ftn.		Tank or Track		
	Gas Valve Compound		Trough		
	Gas Governor		Wind Pump		
	Guide Post		Water Point, Water Tap		
	Manhole		Works (building or area)		
	Mile Post or Mile Stone		Well		

Grontmij
Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Somerset	1:2,500	1887	2
Somerset	1:2,500	1903	3
Ordnance Survey Plan	1:2,500	1975	4
Additional SIMs	1:2,500	1990	5
Large-Scale National Grid Data	1:2,500	1995	6
Large-Scale National Grid Data	1:2,500	1996	7

Historical Map - Segment B16



Order Details

Order Number: 79295009_1_1
Customer Ref: A303
National Grid Reference: 357560, 125020
Slice: B
Site Area (Ha): 21.47
Search Buffer (m): 100

Site Details

Site at, Sparkford, Somerset

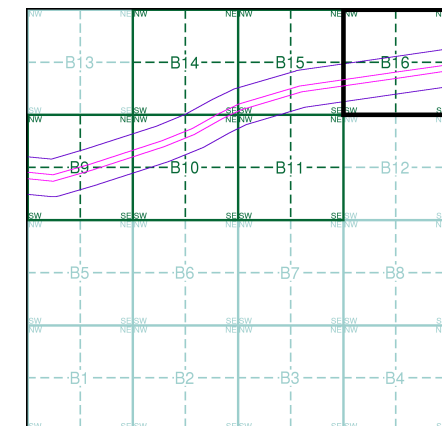
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk

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

Map Name(s) and Date(s)

074_06 1887 1:2,500	074_07 1887 1:2,500
074_10 1887 1:2,500	074_11 1887 1:2,500

Historical Map - Segment B16

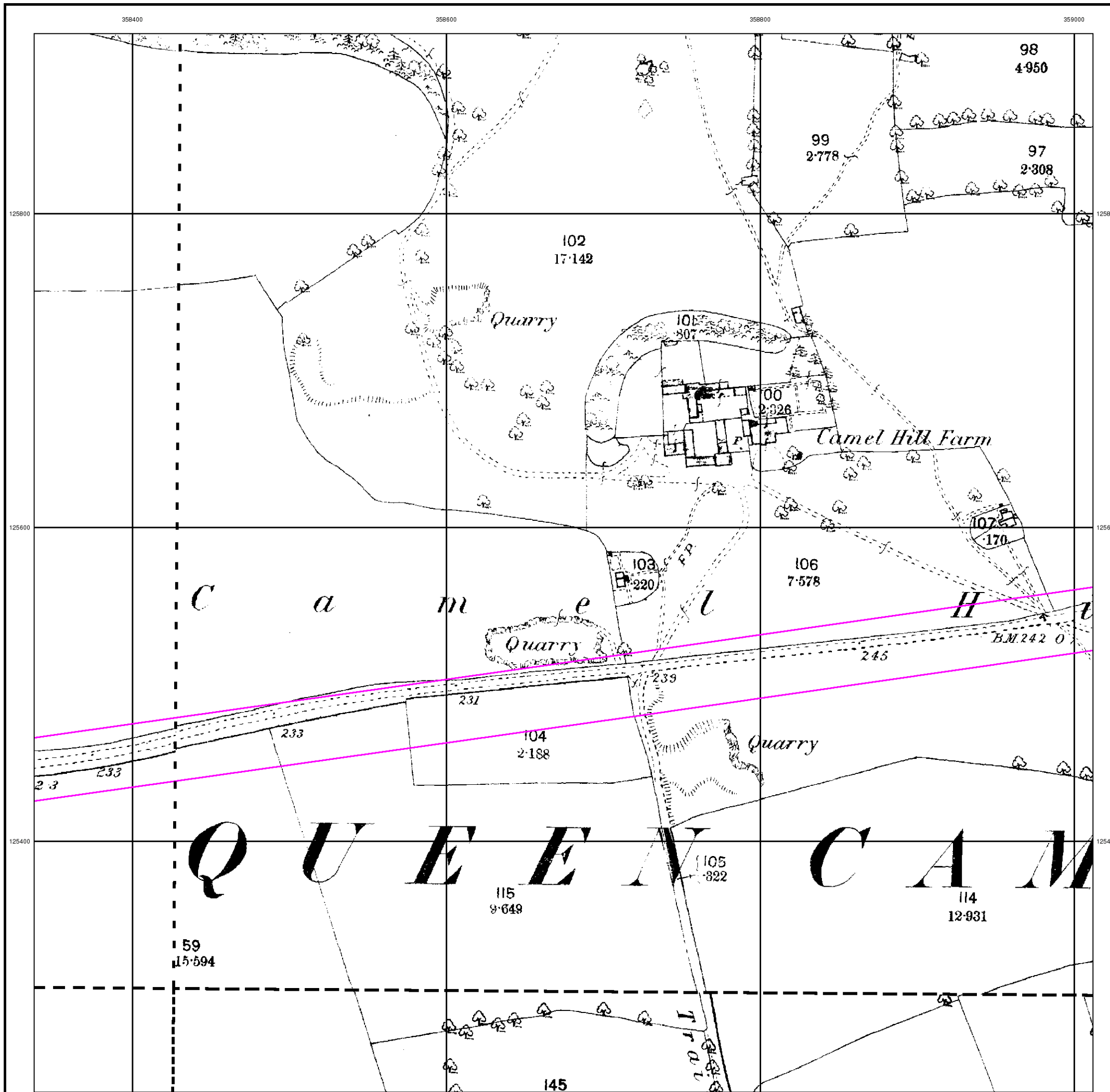


Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 357560, 125020
 Slice: B
 Site Area (Ha): 21.47
 Search Buffer (m): 100

Site Details

Site at, Sparkford, Somerset

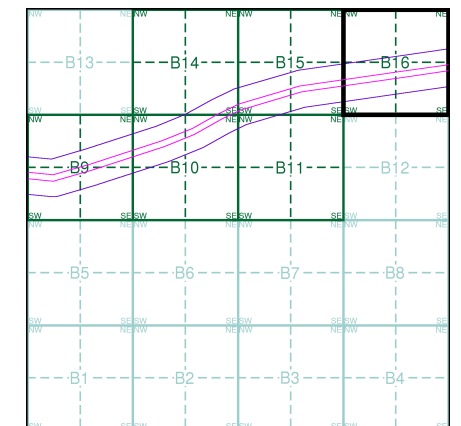


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain.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

Map Name(s) and Date(s)

074_06 1903 1:2,500	074_07 1903 1:2,500
074_10 1903 1:2,500	074_11 1903 1:2,500

Historical Map - Segment B16



Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 357560, 125020
 Slice: B
 Site Area (Ha): 21.47
 Search Buffer (m): 100

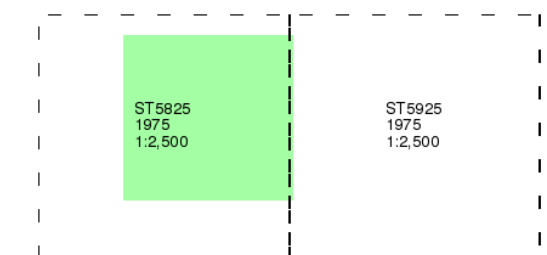
Site Details

Site at, Sparkford, Somerset

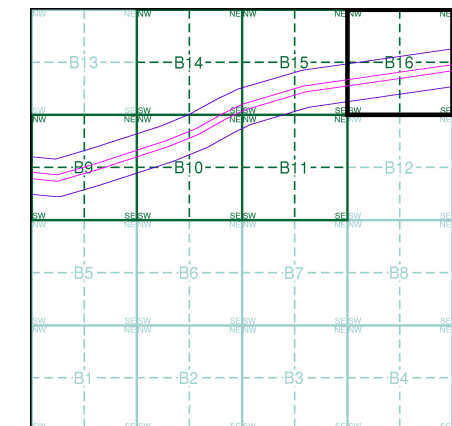


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain.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

Map Name(s) and Date(s)



Historical Map - Segment B16

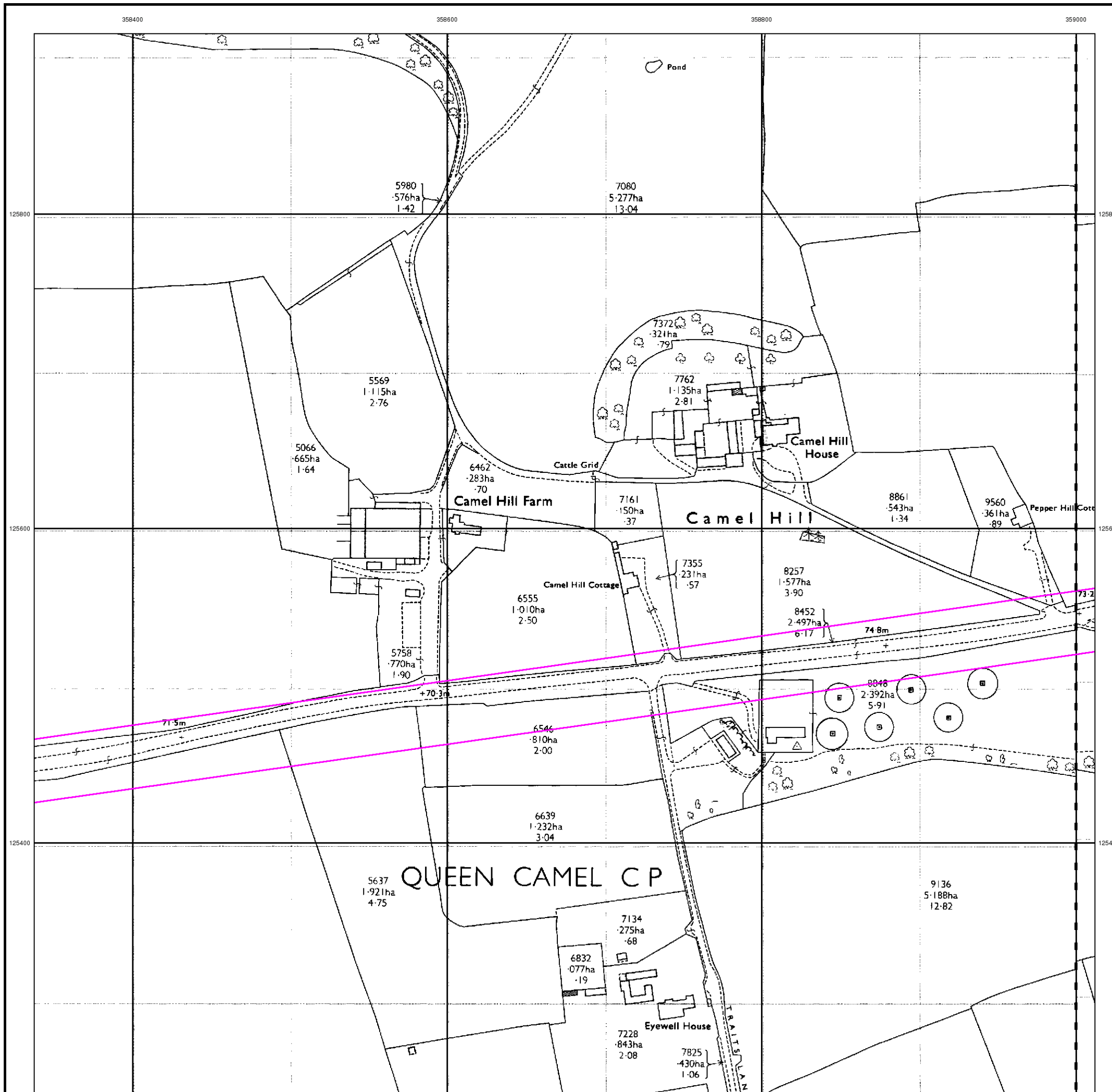


Order Details

Order Number: 79295009_1_1
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 National Grid Reference: 357560, 125020
 Slice: B
 Site Area (Ha): 21.47
 Search Buffer (m): 100

Site Details

Site at, Sparkford, Somerset



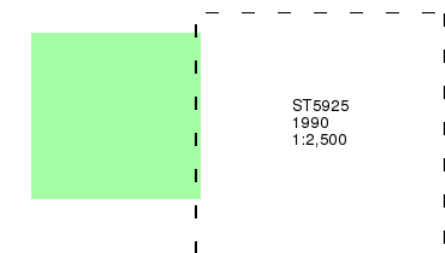
Additional SIMs

Published 1990

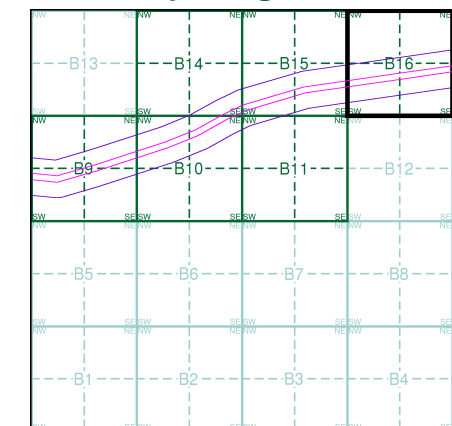
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment B16

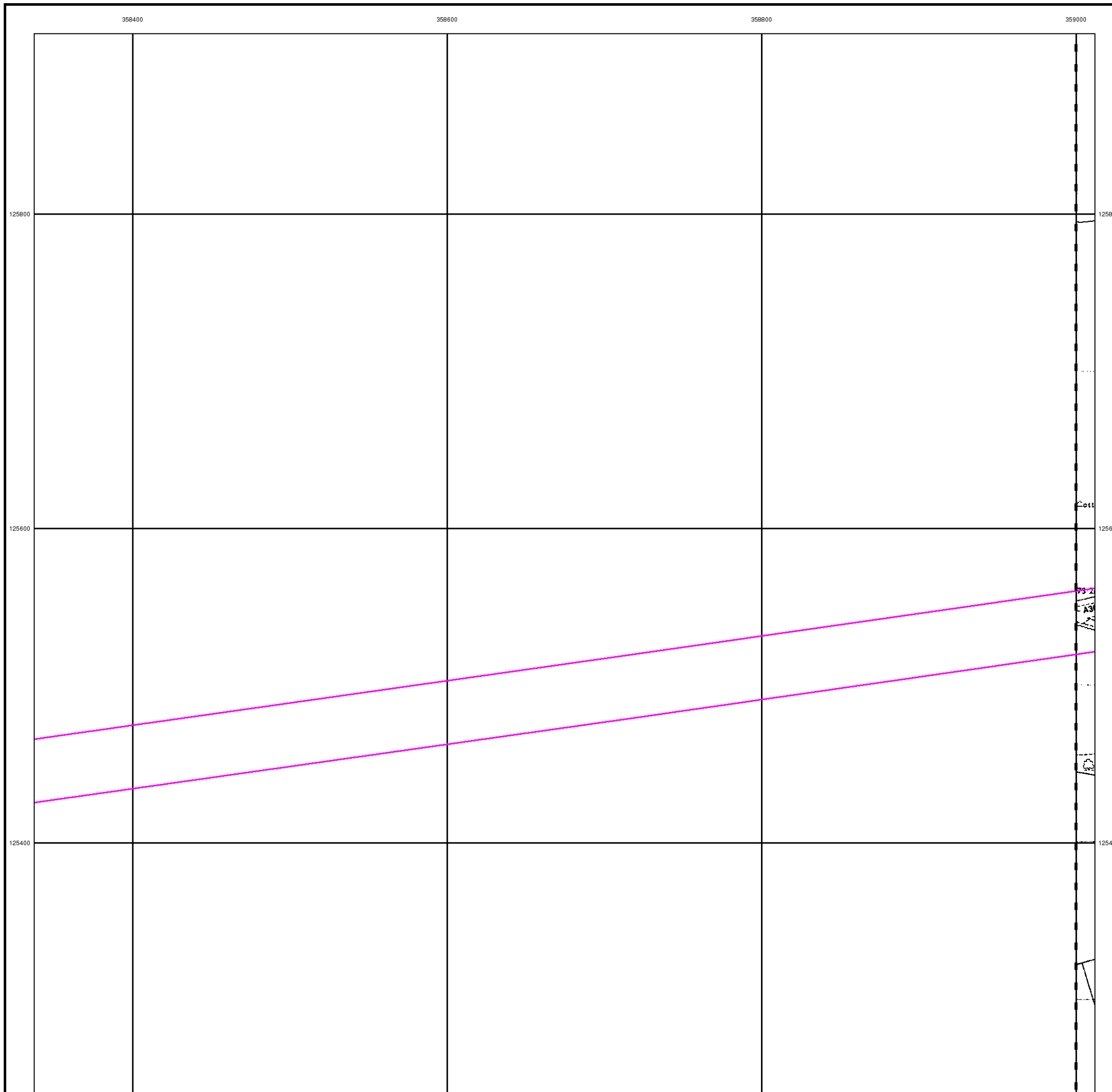


Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 357560, 125020
 Slice: B
 Site Area (Ha): 21.47
 Search Buffer (m): 100

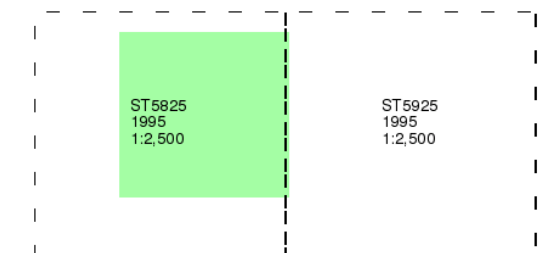
Site Details

Site at, Sparkford, Somerset

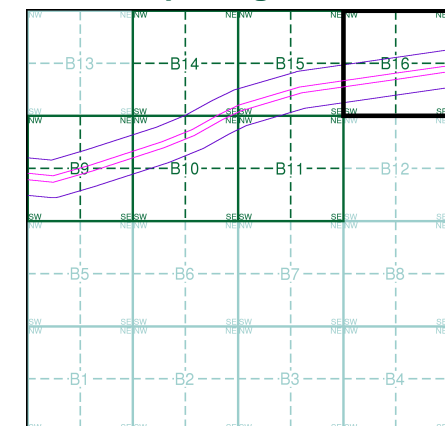


'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic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

Map Name(s) and Date(s)



Historical Map - Segment B16

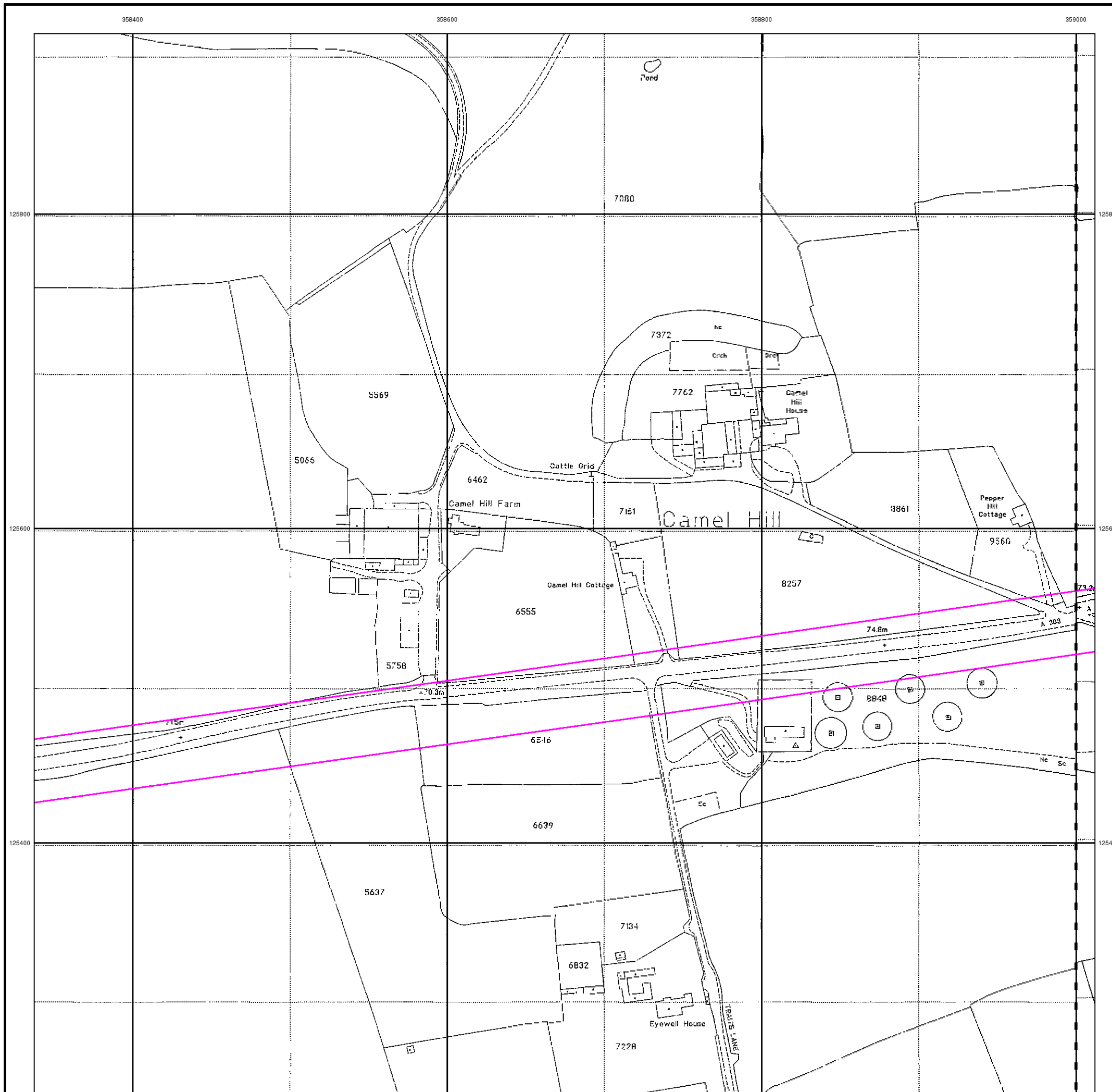


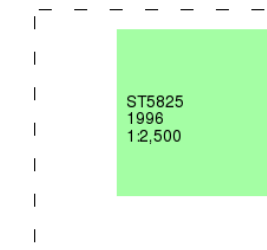
Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 357560, 125020
 Slice: B
 Site Area (Ha): 21.47
 Search Buffer (m): 100

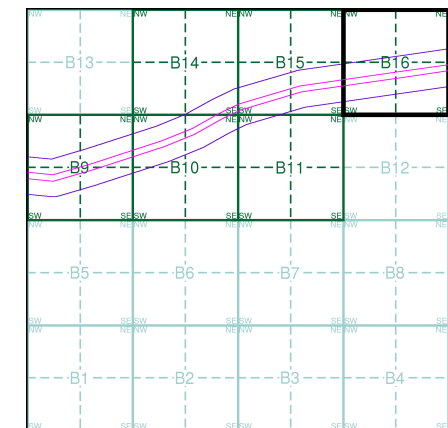
Site Details

Site at, Sparkford, Somerset





Historical Map - Segment B16

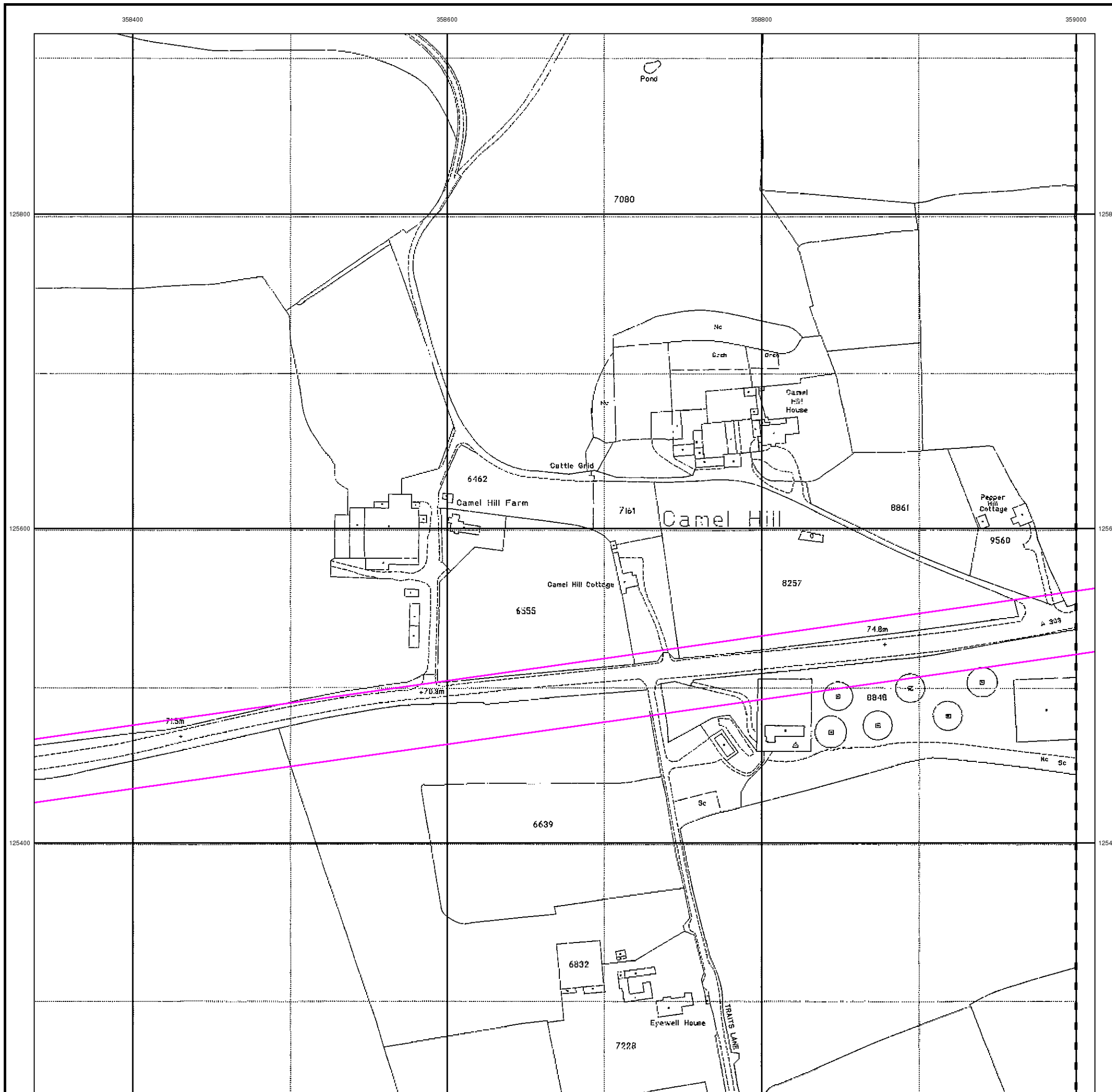


Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 357560, 125020
 Slice: B
 Site Area (Ha): 21.47
 Search Buffer (m): 100

Site Details

Site at, Sparkford, Somerset



Historical Mapping Legends

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

Quarry **Gravel Pit** **Sand Pit**
Clay Pit **Shingle** **Refuse Heap**
Sloping Masonry **Flat Rock**
Marsh **Reeds** **Osiers**
Rough Pasture **Furze** **Wood**
Mixed Wood **Brushwood** **Orchard**
Fir **Ford** **Stepping Stones**
Ferry **Waterfall** **Lock**
Trig. Station **Altitude at Trig. Station**
B.M. 325.9 **Bench Mark** **Surface Level**
Arrow denotes flow of water **Antiquities (site of)**
Cutting **Embankment**
Railway crossing Road **Level Crossing** **Road crossing Railway**
Railway crossing River or Canal **Road over single stream** **Road over River or Canal**
County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
County Borough Boundary (England)
County Burgh Boundary (Scotland)
Co. Boro. Bdy.
Co. Burgh Bdy.
Boundary Post or Stone **Police Call Box**
B.R. **Bridle Road** **P** **Pump**
E.P. **Electricity Pylon** **S.P.** **Signal Post**
F.B. **Foot Bridge** **Sl.** **Sluice**
F.P. **Foot Path** **Sp.** **Spring**
G.P. **Guide Post or Board** **T.C.B.** **Telephone Call Box**
M.S. **Mile Stone** **Tr.** **Trough**
M.P. M.R. **Mooring Post or Ring** **W** **Well**

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

Inactive Quarry, Chalk Pit or Clay Pit **Active Quarry, Chalk Pit or Clay Pit**
Rock **Boulders**
Cliff **Slopes** **Top**
Roofed Building **Glazed Roof Building**
Sloping Masonry **Archway**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Bench Mark** **Antiquity (site of)**
Cave Entrance **Triangulation Station** **Electricity Pylon**
Electricity Transmission Line
County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
London Borough Boundary
Symbol marking point where boundary mereing changes
Beer House **Pillar, Pole or Post**
Boundary Post or Stone **Post Office**
Capstan, Crane **Public Convenience**
Chimney **Public House**
Drinking Fountain **Pump**
Electricity Pillar or Post **Signal Box or Bridge**
Fire Alarm Pillar **Signal Post or Light**
Foot Bridge **Spring**
Guide Post **Tank or Track**
Hydrant or Hydraulic **Telephone Call Box**
Level Crossing **Telephone Call Post**
Manhole **Trough**
Mile Post or Mooring Post **Water Point, Water Tap**
Mile Stone **Well**
Normal Tidal Limit **Wind Pump**

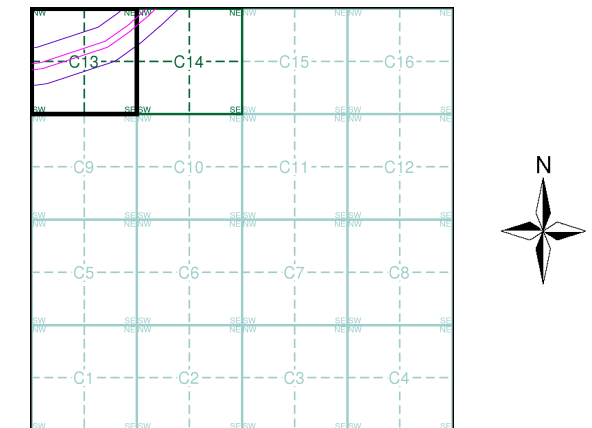
Large-Scale National Grid Data 1:2,500 and 1:1,250

Cliff **Slopes** **Top**
Rock **Rock (scattered)**
Boulders **Boulders (scattered)**
Positioned Boulder **Scree**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Triangulation Station** **Antiquity (site of)**
Electricity Transmission Line **Electricity Pylon**
Bench Mark **Buildings with Building Seed**
Roofed Building **Glazed Roof Building**
Civil parish/community boundary
District boundary
County boundary
Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)
Barracks **Pillar, Pole or Post**
Battery **Post Office**
Cemetery **Public Convenience**
Chimney **Pump**
Cistern **Pumping Station**
Dismtd Rly **Place of Worship**
Electricity Generating Station **Sewage Ppg Sta** **Sewage Pumping Station**
Electricity Pole, Pillar **Signal Box or Bridge**
Electricity Sub Station **Signal Post or Light**
Filter Bed **Spring**
Fountain / Drinking Ftn. **Tank or Track**
Gas Valve Compound **Trough**
Gas Governor **Wind Pump**
Guide Post **Water Point, Water Tap**
Manhole **Works (building or area)**
Mile Post or Mile Stone **Well**

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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Somerset	1:2,500	1887	2
Somerset	1:2,500	1903	3
Ordnance Survey Plan	1:2,500	1975	4
Additional SIMs	1:2,500	1990	5
Large-Scale National Grid Data	1:2,500	1995	6

Historical Map - Segment C13



Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 359800, 125350
 Slice: C
 Site Area (Ha): 21.47
 Search Buffer (m): 100

Site Details

Site at, Sparkford, Somerset

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

Somerset

Published 1887

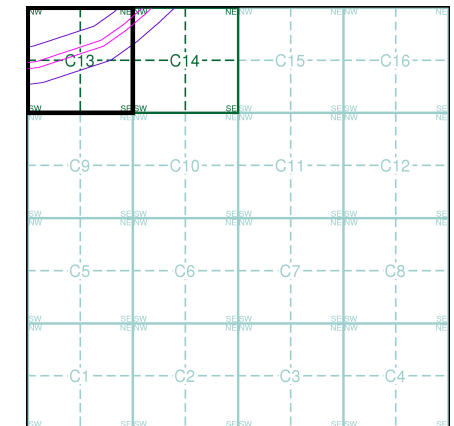
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

074_07	1887	1:2,500
074_11	1887	1:2,500

Historical Map - Segment C13

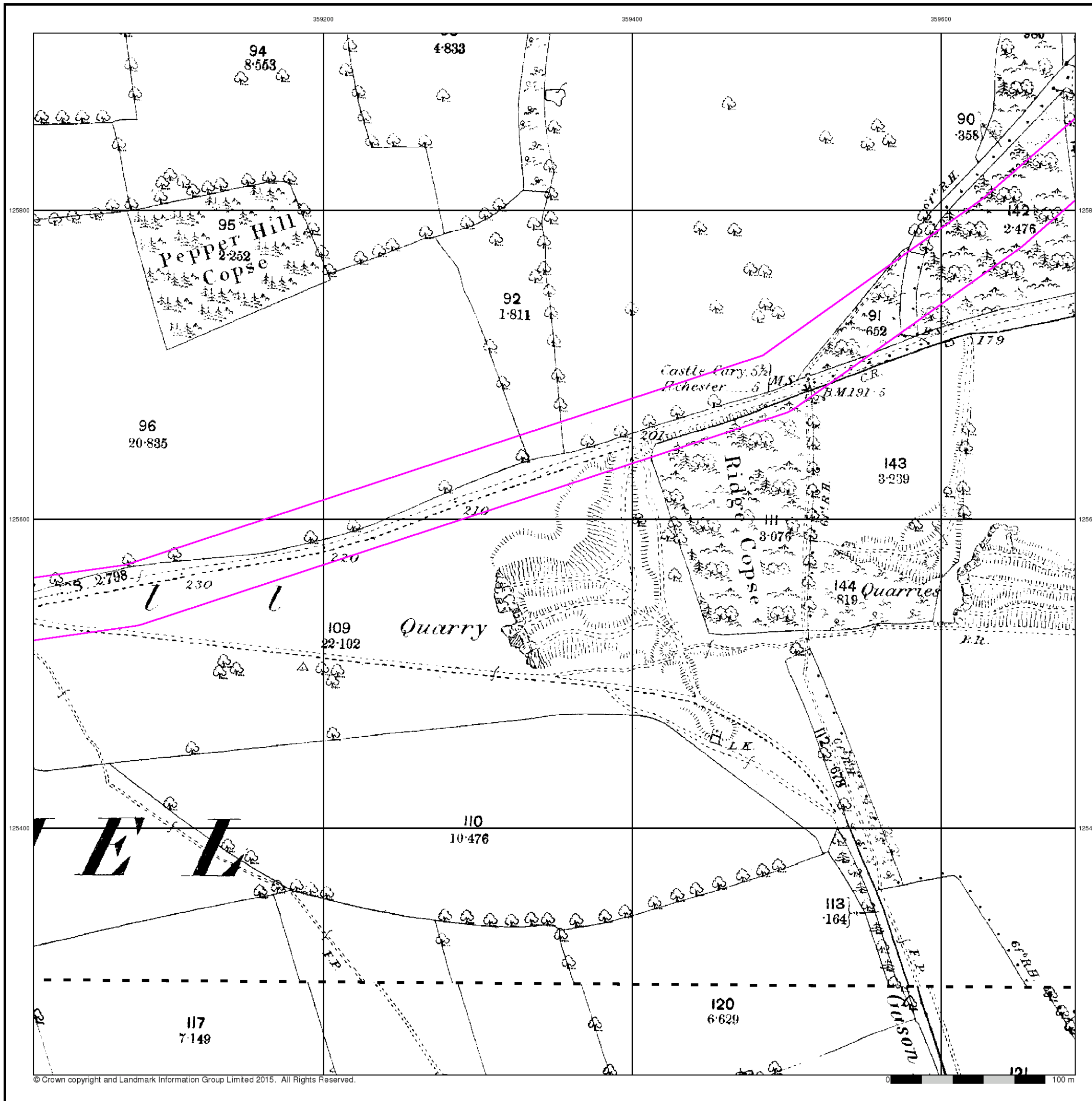


Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 359800, 125350
 Slice: C
 Site Area (Ha): 21.47
 Search Buffer (m): 100

Site Details

Site at, Sparkford, Somerset



Somerset

Published 1903

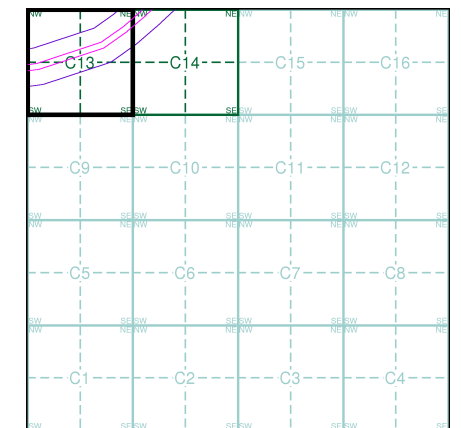
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

074_07	1903	1:2,500
074_11	1903	1:2,500

Historical Map - Segment C13

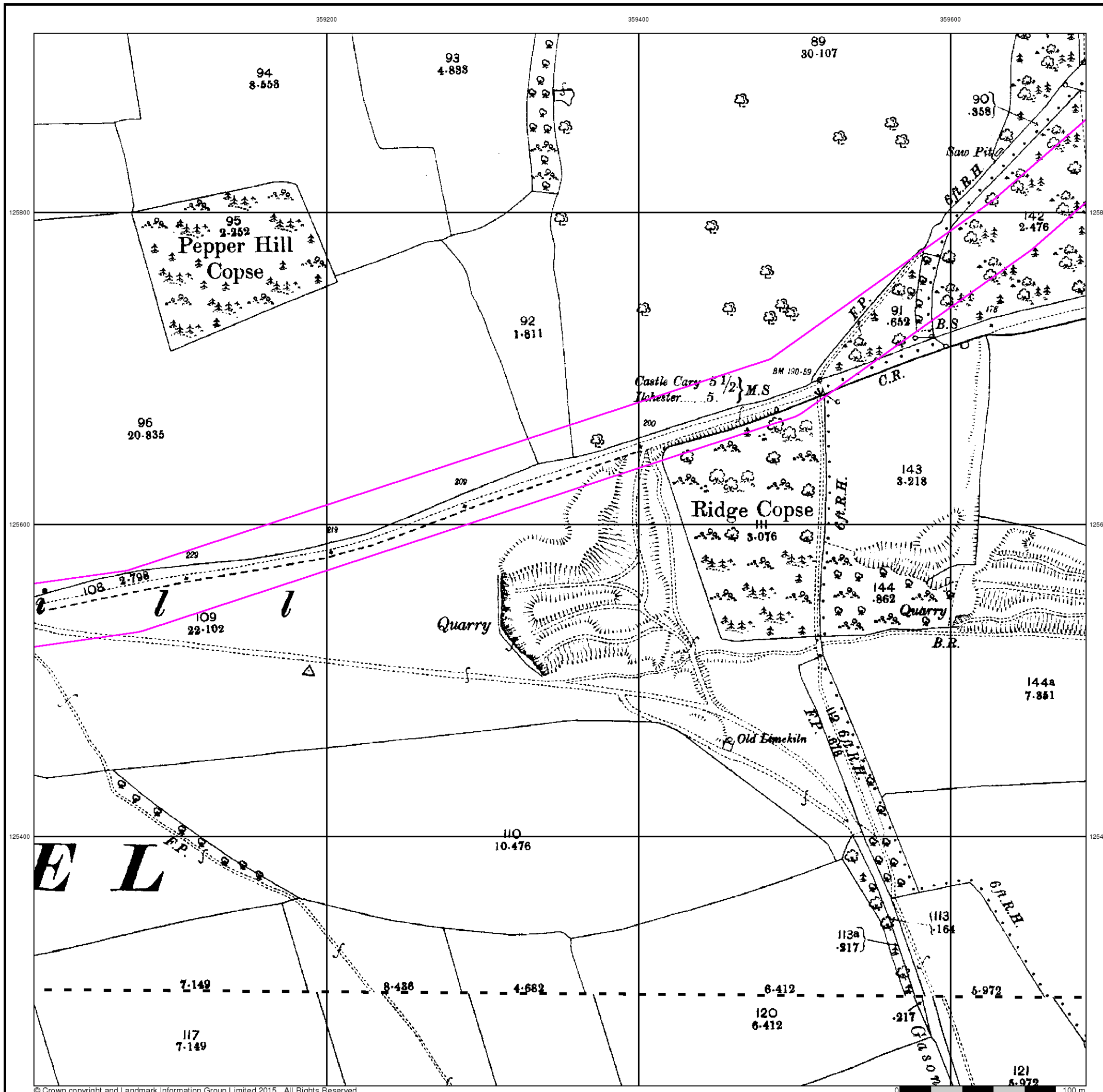


Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 359800, 125350
 Slice: C
 Site Area (Ha): 21.47
 Search Buffer (m): 100

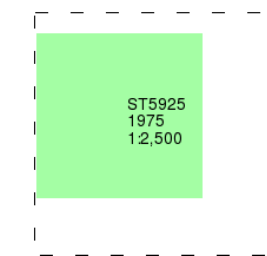
Site Details

Site at, Sparkford, Somerset

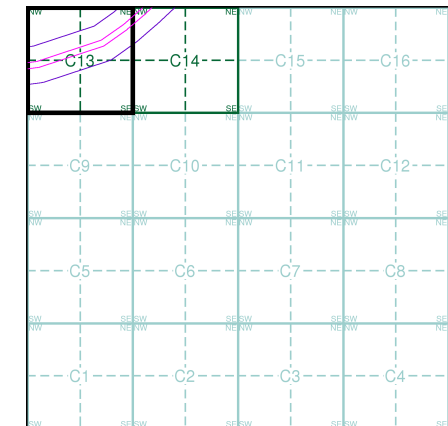


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain.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

Map Name(s) and Date(s)



Historical Map - Segment C13

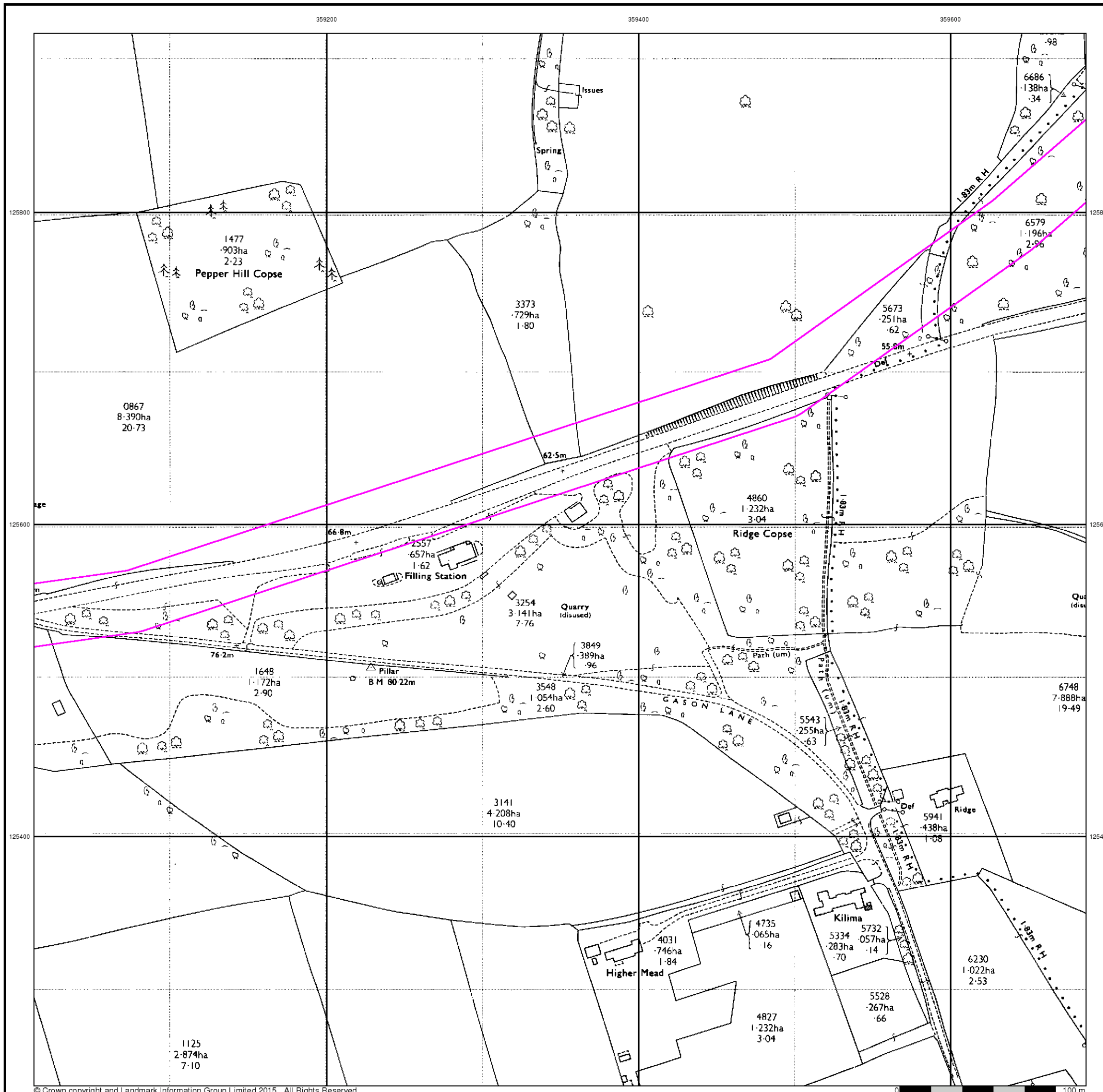


Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 359800, 125350
 Slice: C
 Site Area (Ha): 21.47
 Search Buffer (m): 100

Site Details

Site at, Sparkford, Somerset



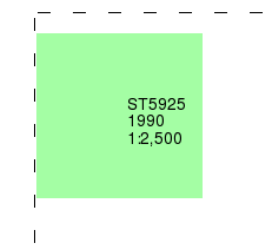
Additional SIMs

Published 1990

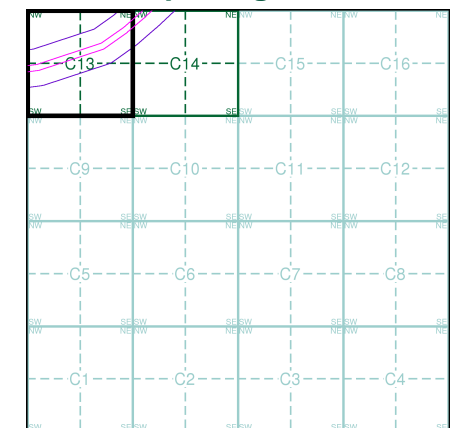
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment C13

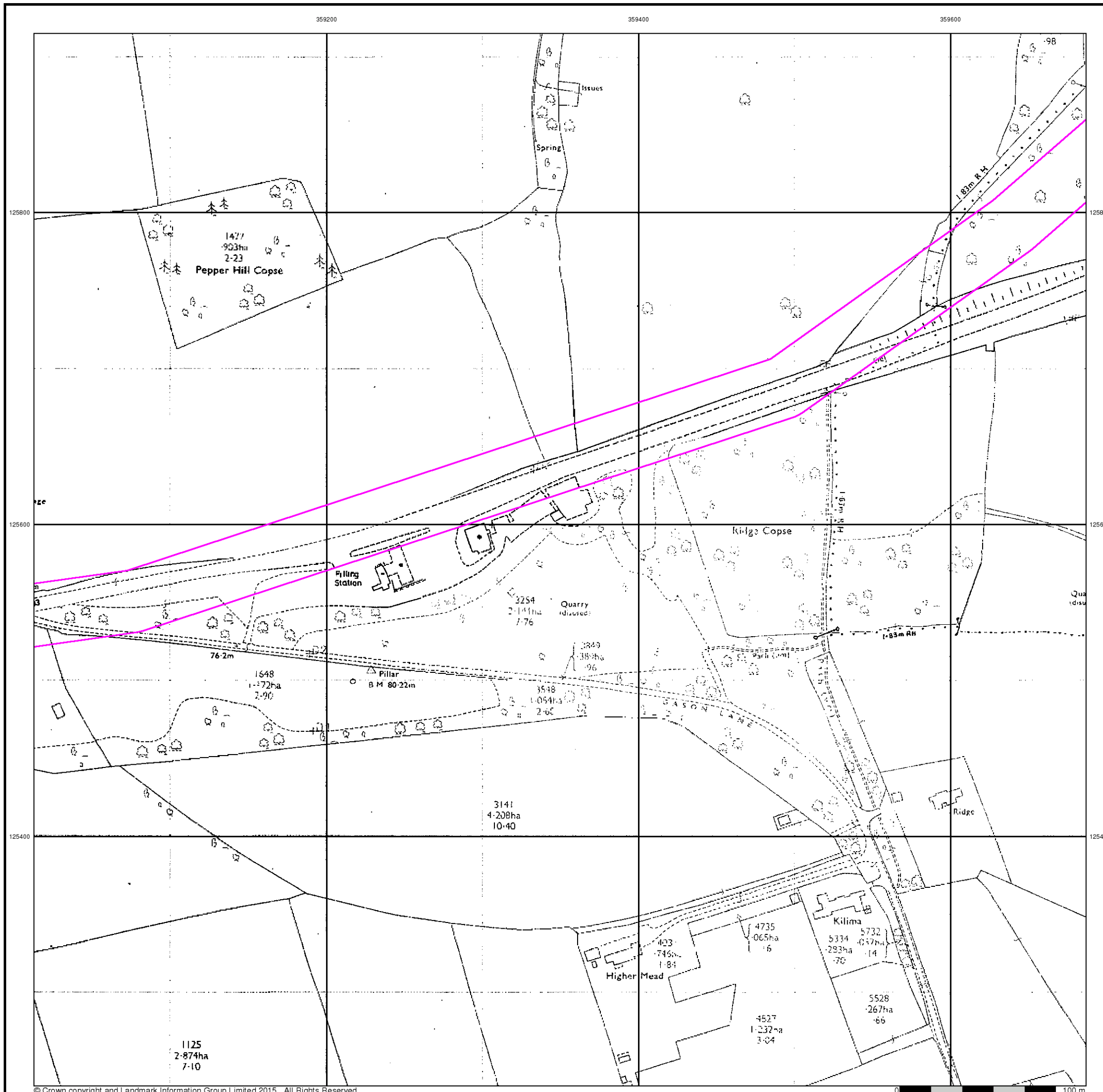


Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 359800, 125350
 Slice: C
 Site Area (Ha): 21.47
 Search Buffer (m): 100

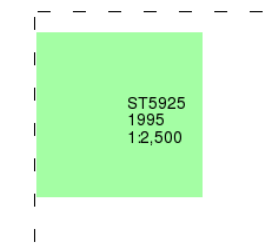
Site Details

Site at, Sparkford, Somerset

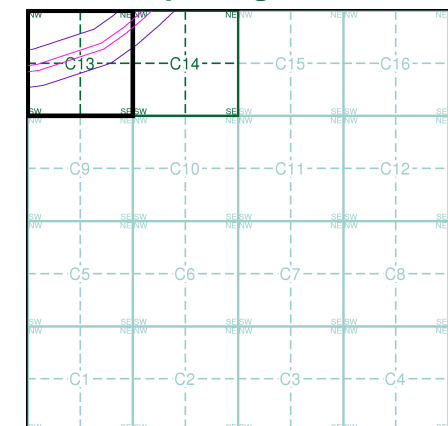


'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic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

Map Name(s) and Date(s)



Historical Map - Segment C13

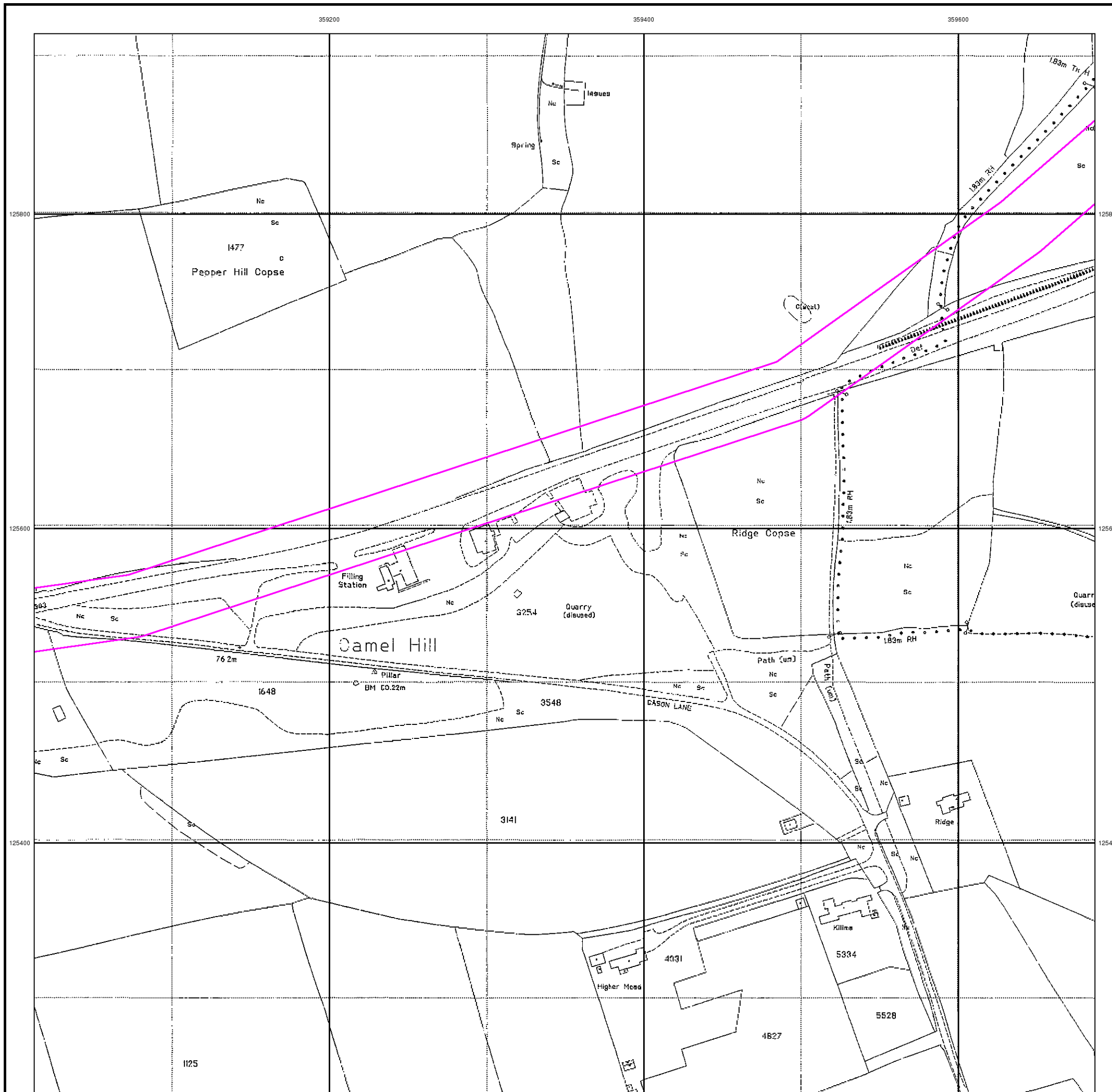


Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 359800, 125350
 Slice: C
 Site Area (Ha): 21.47
 Search Buffer (m): 100

Site Details

Site at, Sparkford, Somerset



Historical Mapping Legends

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

Quarry **Gravel Pit** **Sand Pit**
Clay Pit **Shingle** **Refuse Heap**
Sloping Masonry **Flat Rock**
Marsh **Reeds** **Osiers**
Rough Pasture **Furze** **Wood**
Mixed Wood **Brushwood** **Orchard**
Fir **Ford** **Stepping Stones**
Ferry **Waterfall** **Lock**
Trig. Station **Altitude at Trig. Station**
B.M. 325.9 **Bench Mark** **Surface Level**
Arrow denotes flow of water **Antiquities (site of)**
Cutting **Embankment**
Railway crossing Road **Level Crossing** **Road crossing Railway**
Railway crossing River or Canal **Road over single stream** **Road over River or Canal**
County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
County Borough Boundary (England)
County Burgh Boundary (Scotland)
Co. Boro. Bdy.
Co. Burgh Bdy.
BP BS Boundary Post or Stone **P.C.B** Police Call Box
B.R. Bridle Road **P** Pump
E.P Electricity Pylon **S.P** Signal Post
F.B. Foot Bridge **SL** Sluice
F.P. Foot Path **Sp.** Spring
G.P Guide Post or Board **T.C.B** Telephone Call Box
M.S Mile Stone **Tr.** Trough
M.P M.R Mooring Post or Ring **W** Well

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

Inactive Quarry, Chalk Pit or Clay Pit **Active Quarry, Chalk Pit or Clay Pit**
Rock **Boulders**
Cliff **Slopes** **Top**
Roofed Building **Glazed Roof Building**
Sloping Masonry **Archway**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Bench Mark** **Antiquity (site of)**
Cave Entrance **Triangulation Station** **Electricity Pylon**
Electricity Transmission Line
County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
London Borough Boundary
Symbol marking point where boundary mereing changes
BH Beer House **P** Pillar, Pole or Post
BP, BS Boundary Post or Stone **PO** Post Office
Cn, C Capstan, Crane **PC** Public Convenience
Chy Chimney **PH** Public House
D Fn Drinking Fountain **Pp** Pump
EI P Electricity Pillar or Post **SB, S Br** Signal Box or Bridge
FAP Fire Alarm Pillar **SP, SL** Signal Post or Light
FB Foot Bridge **Spr** Spring
GP Guide Post **Tk** Tank or Track
H Hydrant or Hydraulic **TCB** Telephone Call Box
LC Level Crossing **TCP** Telephone Call Post
MH Manhole **Tr** Trough
MP Mile Post or Mooring Post **Wr Pt, Wr T** Water Point, Water Tap
MS Mile Stone **W** Well
NTL Normal Tidal Limit **Wd Pp** Wind Pump

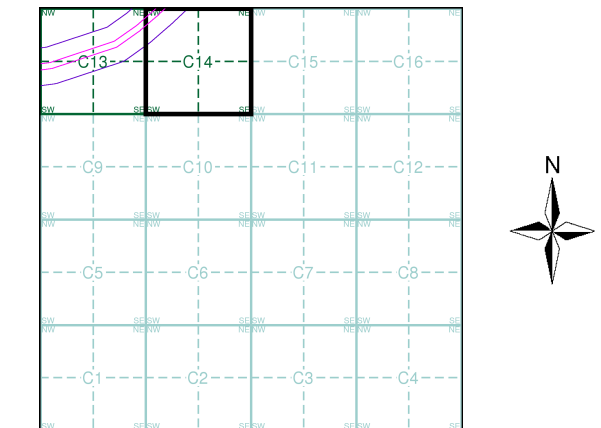
Large-Scale National Grid Data 1:2,500 and 1:1,250

Cliff **Slopes** **Top**
Rock **Rock (scattered)**
Boulders **Boulders (scattered)**
Positioned Boulder **Scree**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Triangulation Station** **Antiquity (site of)**
Electricity Transmission Line **Electricity Pylon**
B.M. 231.60m Bench Mark **Buildings with Building Seed**
Roofed Building **Glazed Roof Building**
Civil parish/community boundary
District boundary
County boundary
Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)
Bks Barracks **P** Pillar, Pole or Post
Bty Battery **PO** Post Office
Cemy Cemetery **PC** Public Convenience
Chy Chimney **Pp** Pump
Cis Cistern **Ppg Sta** Pumping Station
Dismtd Rly Dismantled Railway **PW** Place of Worship
EI Gen Sta Electricity Generating Station **Sewage Ppg Sta** Sewage Pumping Station
EI P Electricity Pole, Pillar **SB, S Br** Signal Box or Bridge
EI Sub Sta Electricity Sub Station **SP, SL** Signal Post or Light
FB Filter Bed **Spr** Spring
Fn / D Fn Fountain / Drinking Ftn. **Tk** Tank or Track
Gas Gov Gas Valve Compound **Tr** Trough
GVC Gas Governor **Wd Pp** Wind Pump
GP Guide Post **Wr Pt, Wr T** Water Point, Water Tap
MH Manhole **Wks** Works (building or area)
MP, MS Mile Post or Mile Stone **W** Well

Grontmij
 Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Somerset	1:2,500	1887	2
Somerset	1:2,500	1903	3
Ordnance Survey Plan	1:2,500	1975	4
Additional SIMs	1:2,500	1990	5
Large-Scale National Grid Data	1:2,500	1995	6
Large-Scale National Grid Data	1:2,500	1996	7

Historical Map - Segment C14



Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 359800, 125350
 Slice: C
 Site Area (Ha): 21.47
 Search Buffer (m): 100

Site Details

Site at, Sparkford, Somerset

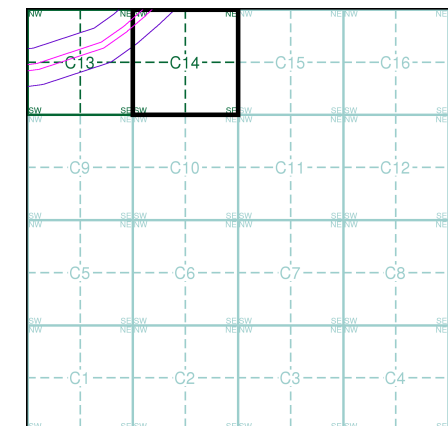
Landmark Information Group
 Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk

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

Map Name(s) and Date(s)

074_07	1887	1:2,500
074_11	1887	1:2,500

Historical Map - Segment C14

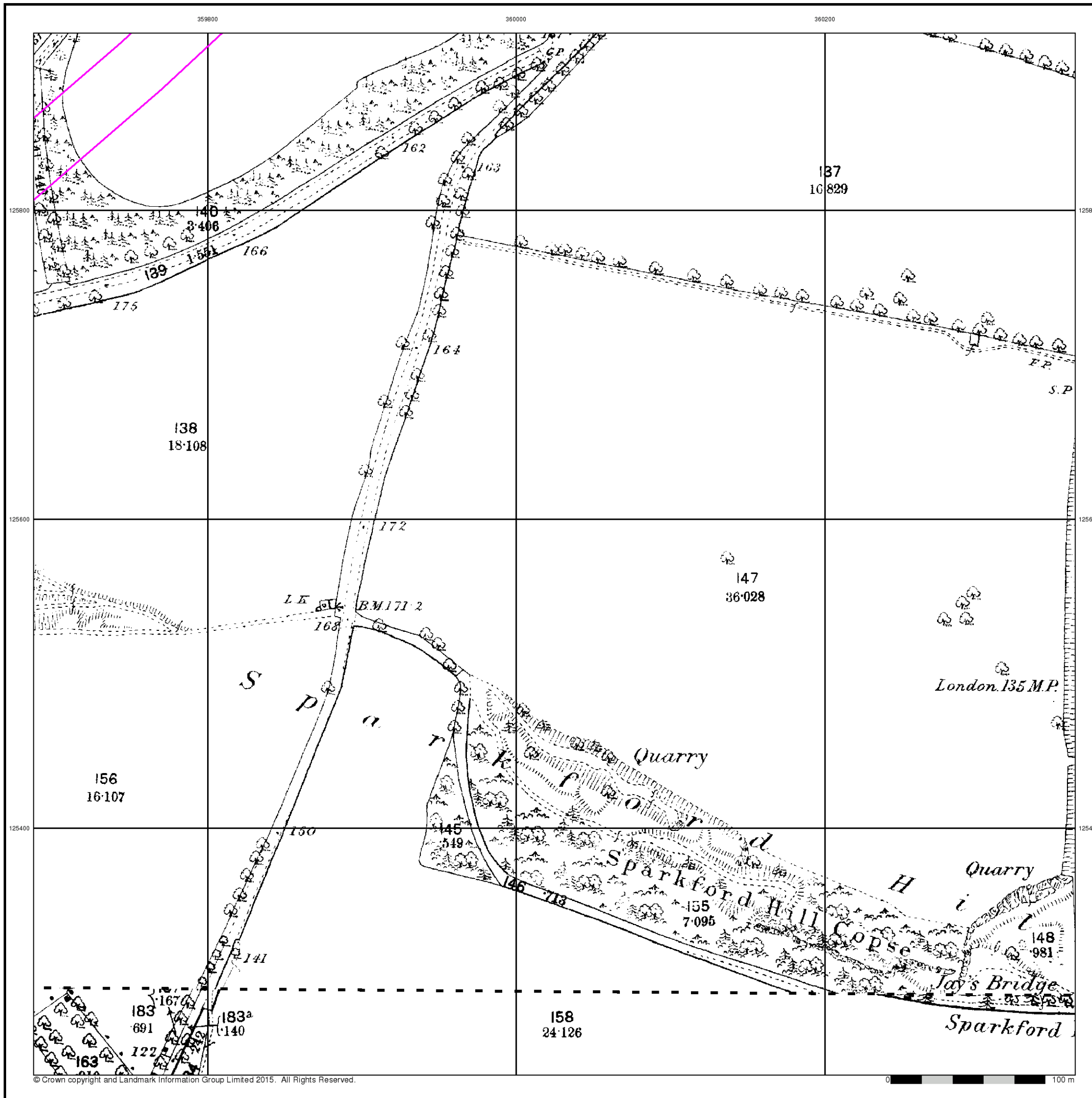


Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 359800, 125350
 Slice: C
 Site Area (Ha): 21.47
 Search Buffer (m): 100

Site Details

Site at, Sparkford, Somerset



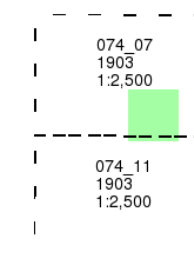
Somerset

Published 1903

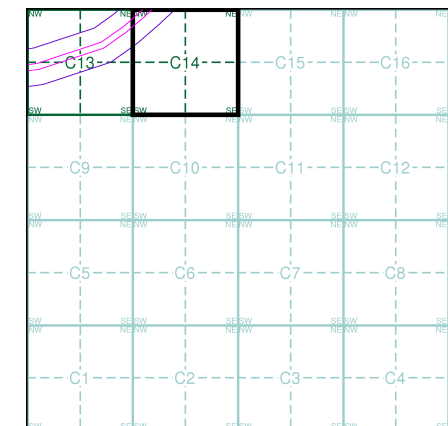
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment C14

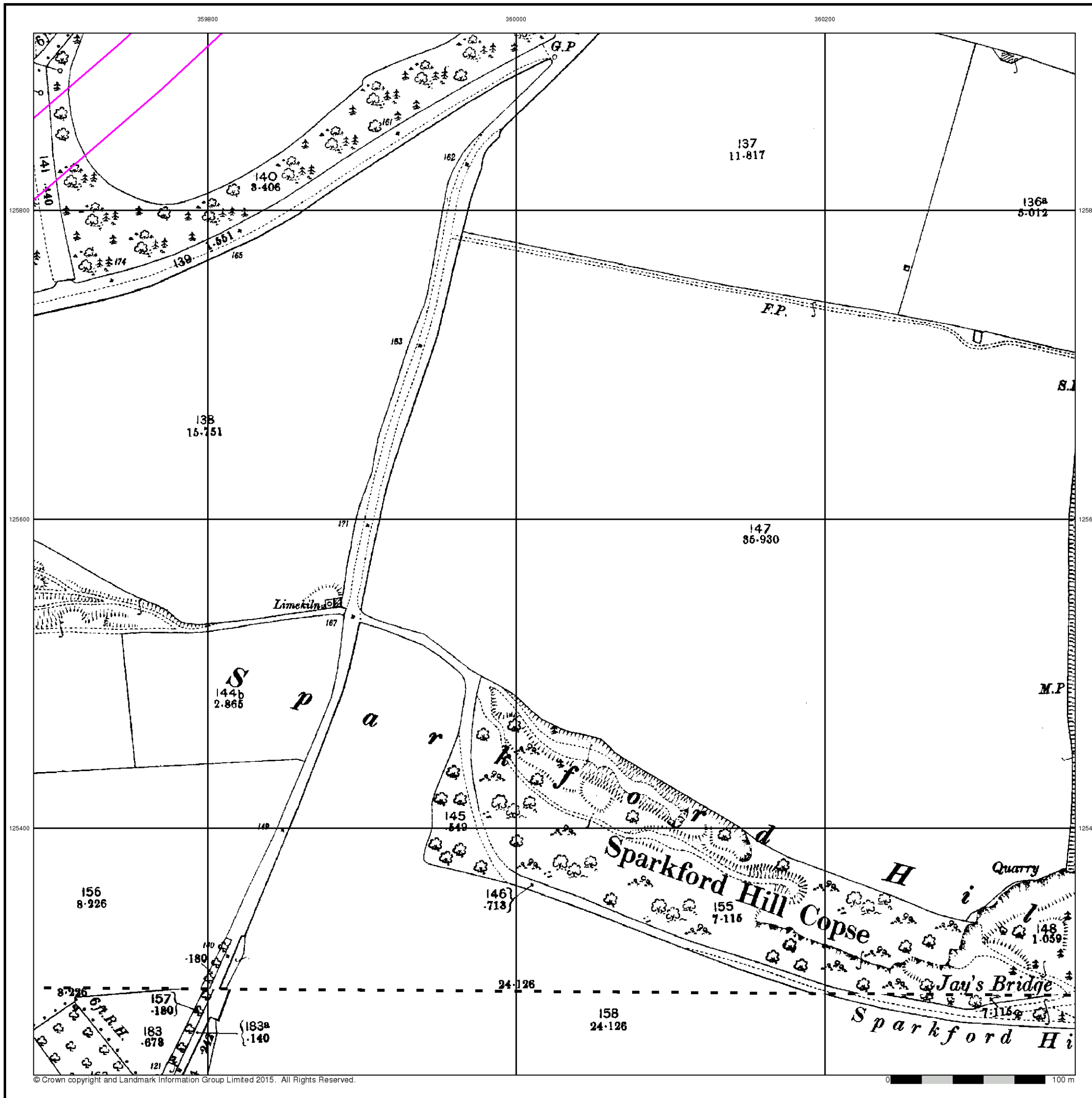


Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 359800, 125350
 Slice: C
 Site Area (Ha): 21.47
 Search Buffer (m): 100

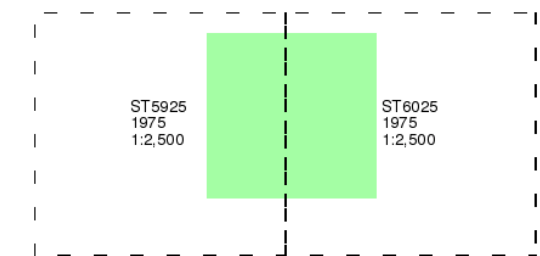
Site Details

Site at, Sparkford, Somerset

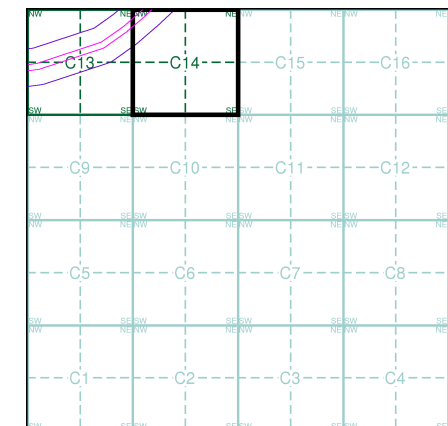


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Map Name(s) and Date(s)



Historical Map - Segment C14

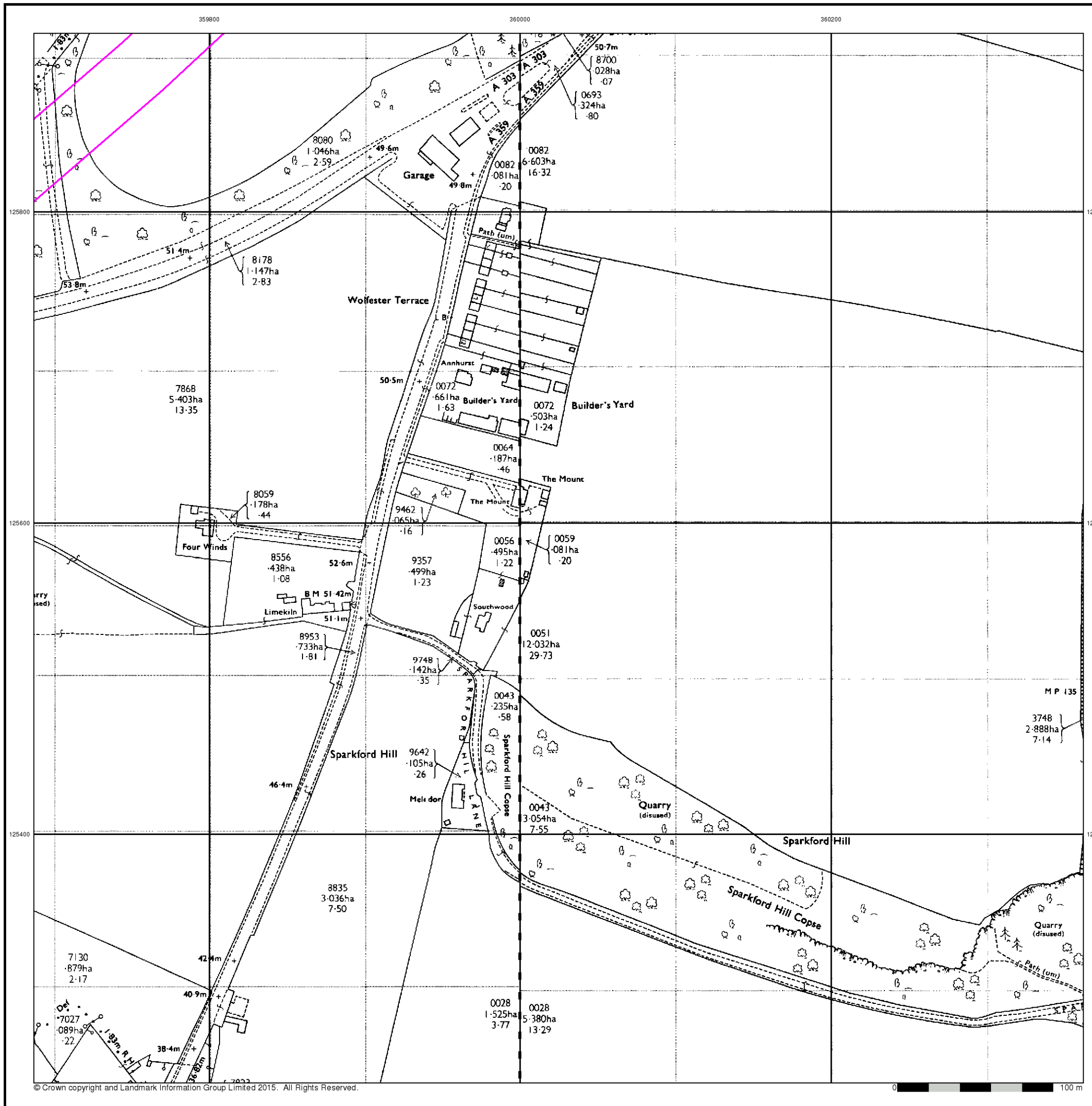


Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 359800, 125350
 Slice: C
 Site Area (Ha): 21.47
 Search Buffer (m): 100

Site Details

Site at, Sparkford, Somerset



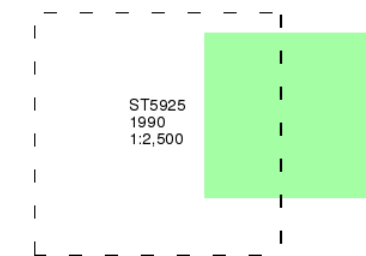
Additional SIMs

Published 1990

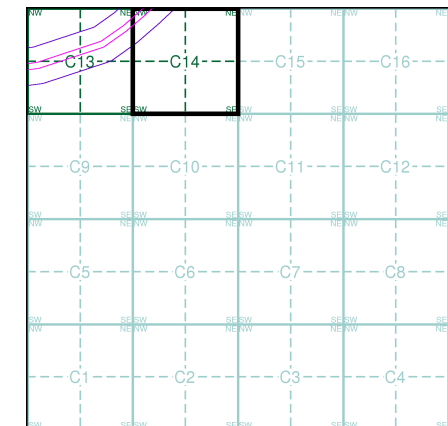
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment C14

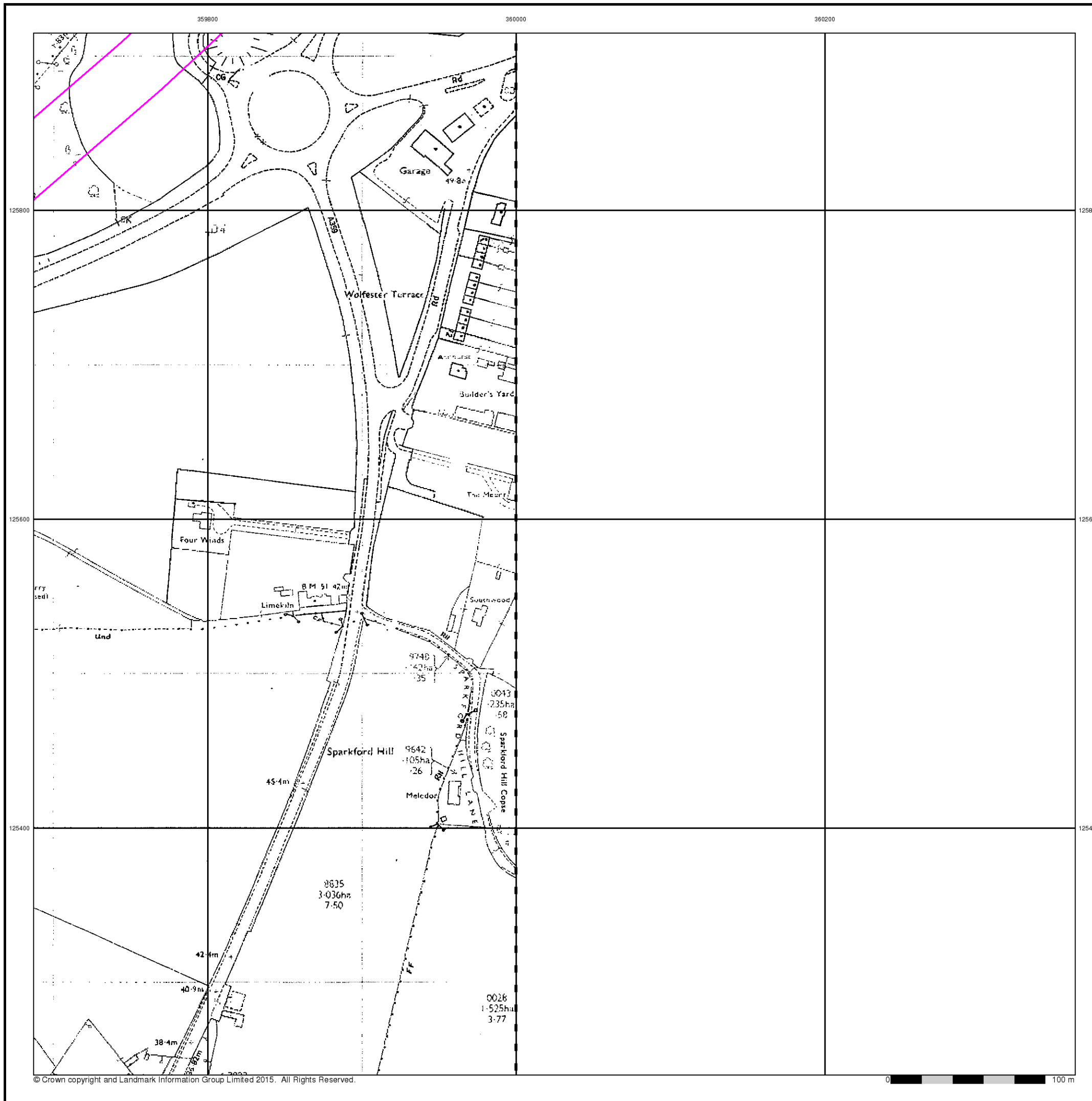


Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 359800, 125350
 Slice: C
 Site Area (Ha): 21.47
 Search Buffer (m): 100

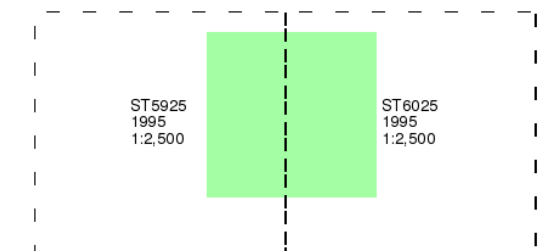
Site Details

Site at, Sparkford, Somerset

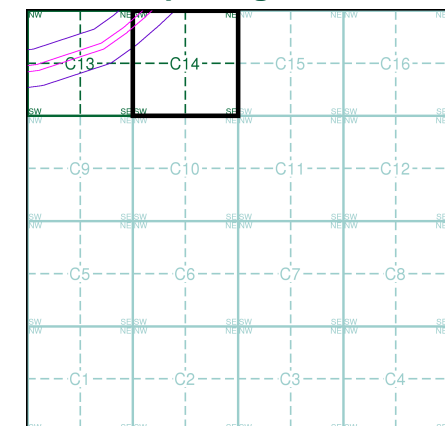


'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic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

Map Name(s) and Date(s)



Historical Map - Segment C14



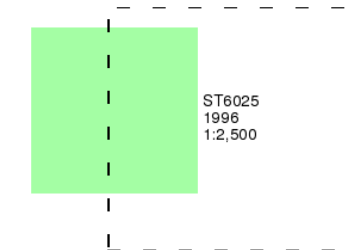
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 National Grid Reference: 359800, 125350
 Slice: C
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 Search Buffer (m): 100

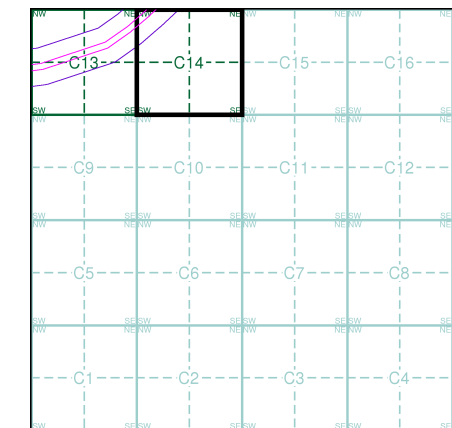
Site Details

Site at, Sparkford, Somerset





Historical Map - Segment C14

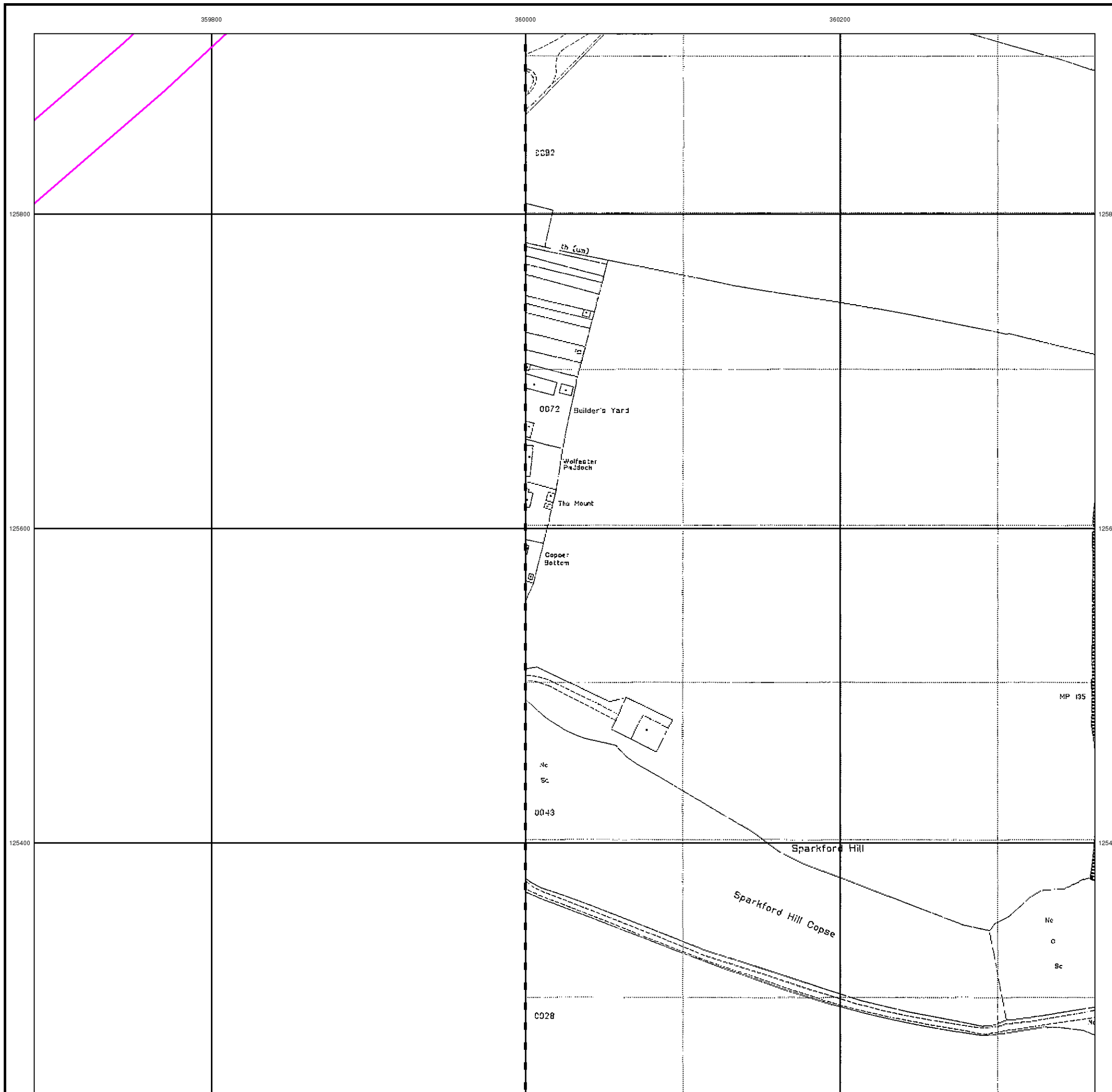


Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 359800, 125350
 Slice: C
 Site Area (Ha): 21.47
 Search Buffer (m): 100

Site Details

Site at, Sparkford, Somerset



Historical Mapping Legends

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

Quarry **Gravel Pit** **Sand Pit**
Clay Pit **Shingle** **Refuse Heap**
Sloping Masonry **Flat Rock**
Marsh **Reeds** **Osiers**
Rough Pasture **Furze** **Wood**
Mixed Wood **Brushwood** **Orchard**
Fir **Ford** **Stepping Stones**
Ferry **Waterfall** **Lock**
Trig. Station **Altitude at Trig. Station**
B.M. 325.9 **Bench Mark** **Surface Level**
Arrow denotes flow of water **Antiquities (site of)**
Cutting **Embankment**
Railway crossing Road **Level Crossing** **Road crossing Railway**
Railway crossing River or Canal **Road over single stream** **Road over River or Canal**
County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
County Borough Boundary (England)
County Burgh Boundary (Scotland)
Co. Boro. Bdy.
Co. Burgh Bdy.
BP BS Boundary Post or Stone **P.C.B** Police Call Box
B.R. Bridle Road **P** Pump
E.P Electricity Pylon **S.P** Signal Post
F.B. Foot Bridge **SL** Sluice
F.P. Foot Path **Sp.** Spring
G.P Guide Post or Board **T.C.B** Telephone Call Box
M.S Mile Stone **Tr.** Trough
M.P M.R Mooring Post or Ring **W** Well

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

Inactive Quarry, Chalk Pit or Clay Pit **Active Quarry, Chalk Pit or Clay Pit**
Rock **Boulders**
Cliff **Slopes** **Top**
Roofed Building **Glazed Roof Building**
Sloping Masonry **Archway**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Bench Mark** **Antiquity (site of)**
Cave Entrance **Triangulation Station** **Electricity Pylon**
Electricity Transmission Line
County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
London Borough Boundary
Symbol marking point where boundary mereing changes
BH Beer House **P** Pillar, Pole or Post
BP, BS Boundary Post or Stone **PO** Post Office
Cn, C Capstan, Crane **PC** Public Convenience
Chy Chimney **PH** Public House
D Fn Drinking Fountain **Pp** Pump
EI P Electricity Pillar or Post **SB, S Br** Signal Box or Bridge
FAP Fire Alarm Pillar **SP, SL** Signal Post or Light
FB Foot Bridge **Spr** Spring
GP Guide Post **Tk** Tank or Track
H Hydrant or Hydraulic **TCB** Telephone Call Box
LC Level Crossing **TCP** Telephone Call Post
MH Manhole **Tr** Trough
MP Mile Post or Mooring Post **Wr Pt, Wr T** Water Point, Water Tap
MS Mile Stone **W** Well
NTL Normal Tidal Limit **Wd Pp** Wind Pump

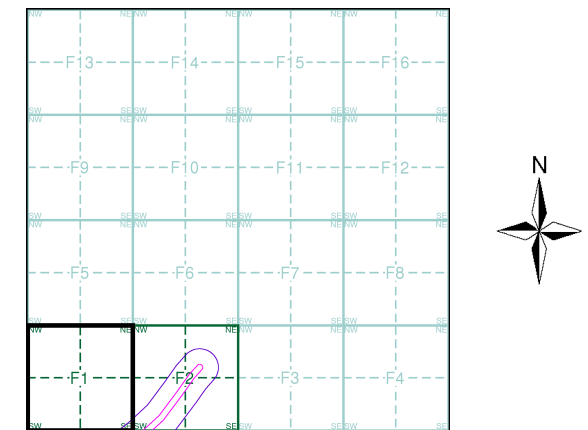
Large-Scale National Grid Data 1:2,500 and 1:1,250

Cliff **Slopes** **Top**
Rock **Rock (scattered)**
Boulders **Boulders (scattered)**
Positioned Boulder **Scree**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Triangulation Station** **Antiquity (site of)**
Electricity Transmission Line **Electricity Pylon**
B.M. 231.60m Bench Mark **Buildings with Building Seed**
Roofed Building **Glazed Roof Building**
Civil parish/community boundary
District boundary
County boundary
Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)
Bks Barracks **P** Pillar, Pole or Post
Bty Battery **PO** Post Office
Cemy Cemetery **PC** Public Convenience
Chy Chimney **Pp** Pump
Cis Cistern **Ppg Sta** Pumping Station
Dismtd Rly Dismantled Railway **PW** Place of Worship
EI Gen Sta Electricity Generating Station **Sewage Ppg Sta** Sewage Pumping Station
EI P Electricity Pole, Pillar **SB, S Br** Signal Box or Bridge
EI Sub Sta Electricity Sub Station **SP, SL** Signal Post or Light
FB Filter Bed **Spr** Spring
Fn / D Fn Fountain / Drinking Ftn. **Tk** Tank or Track
Gas Gov Gas Valve Compound **Tr** Trough
GVC Gas Governor **Wd Pp** Wind Pump
GP Guide Post **Wr Pt, Wr T** Water Point, Water Tap
MH Manhole **Wks** Works (building or area)
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Grontmij
Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Somerset	1:2,500	1887	2
Somerset	1:2,500	1903	3
Ordnance Survey Plan	1:2,500	1975	4
Additional SIMs	1:2,500	1990	5
Large-Scale National Grid Data	1:2,500	1995	6
Large-Scale National Grid Data	1:2,500	1996	7

Historical Map - Segment F1



Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 360080, 126540
 Slice: F
 Site Area (Ha): 21.47
 Search Buffer (m): 100

Site Details

Site at, Sparkford, Somerset

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

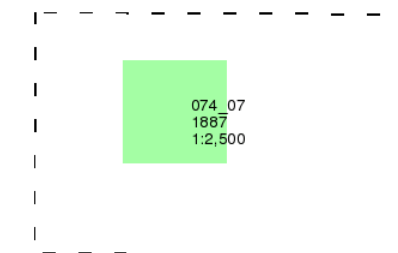
Somerset

Published 1887

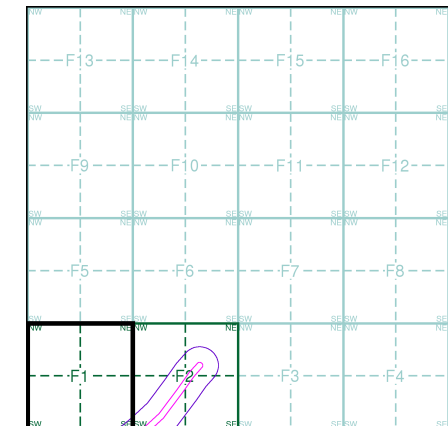
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment F1

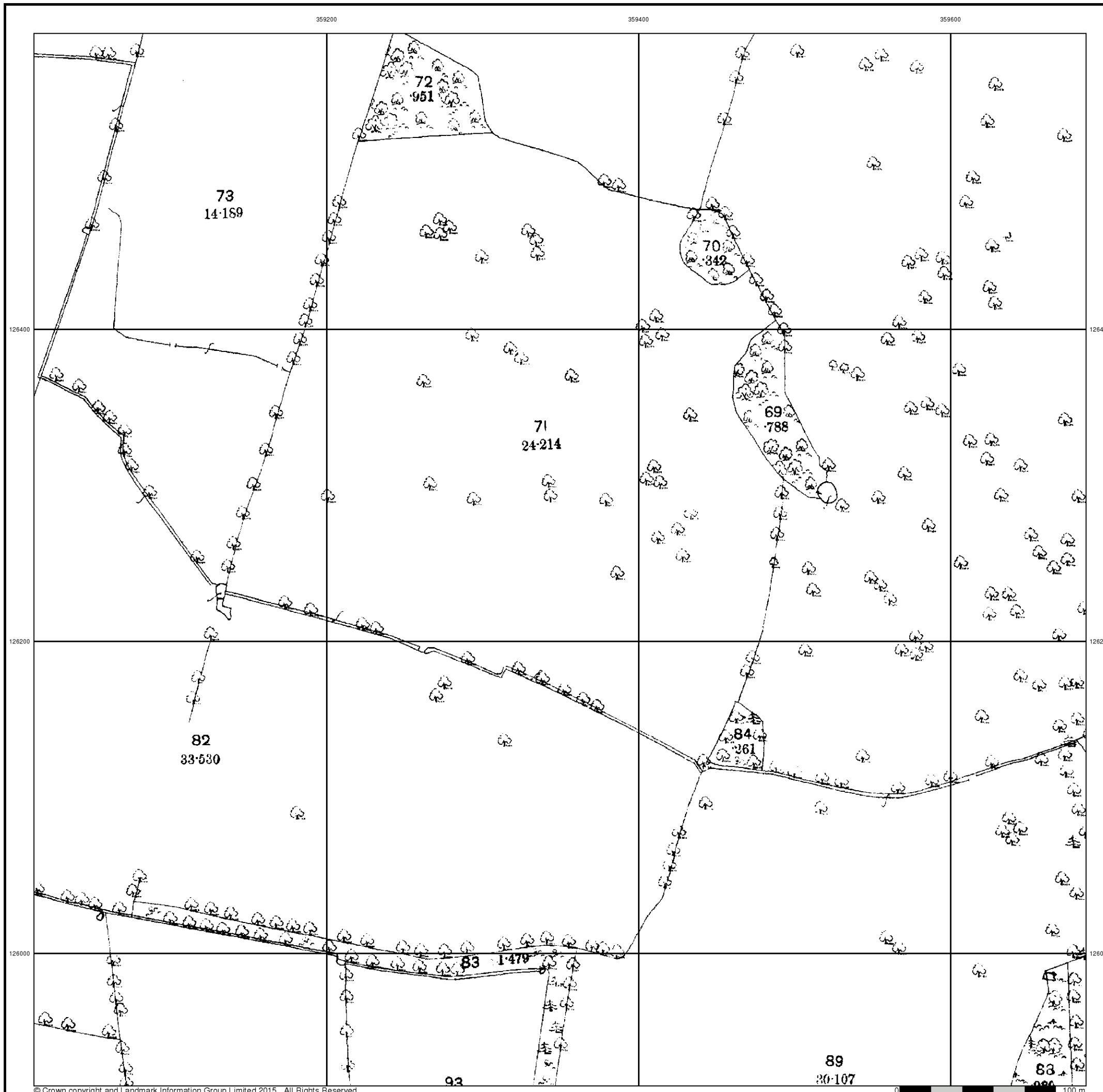


Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 360080, 126540
 Slice: F
 Site Area (Ha): 21.47
 Search Buffer (m): 100

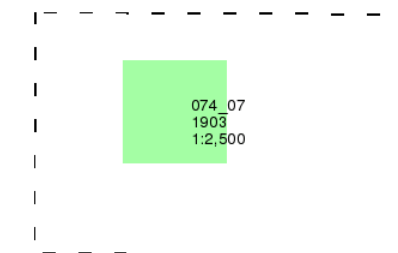
Site Details

Site at, Sparkford, Somerset

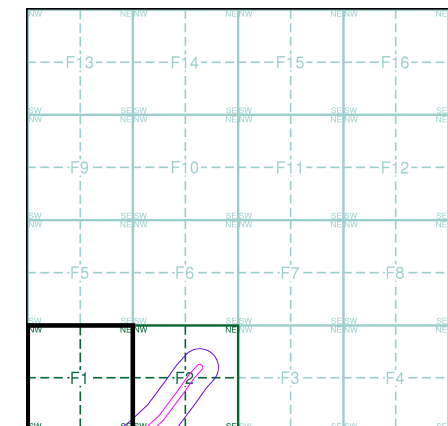


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain.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

Map Name(s) and Date(s)



Historical Map - Segment F1

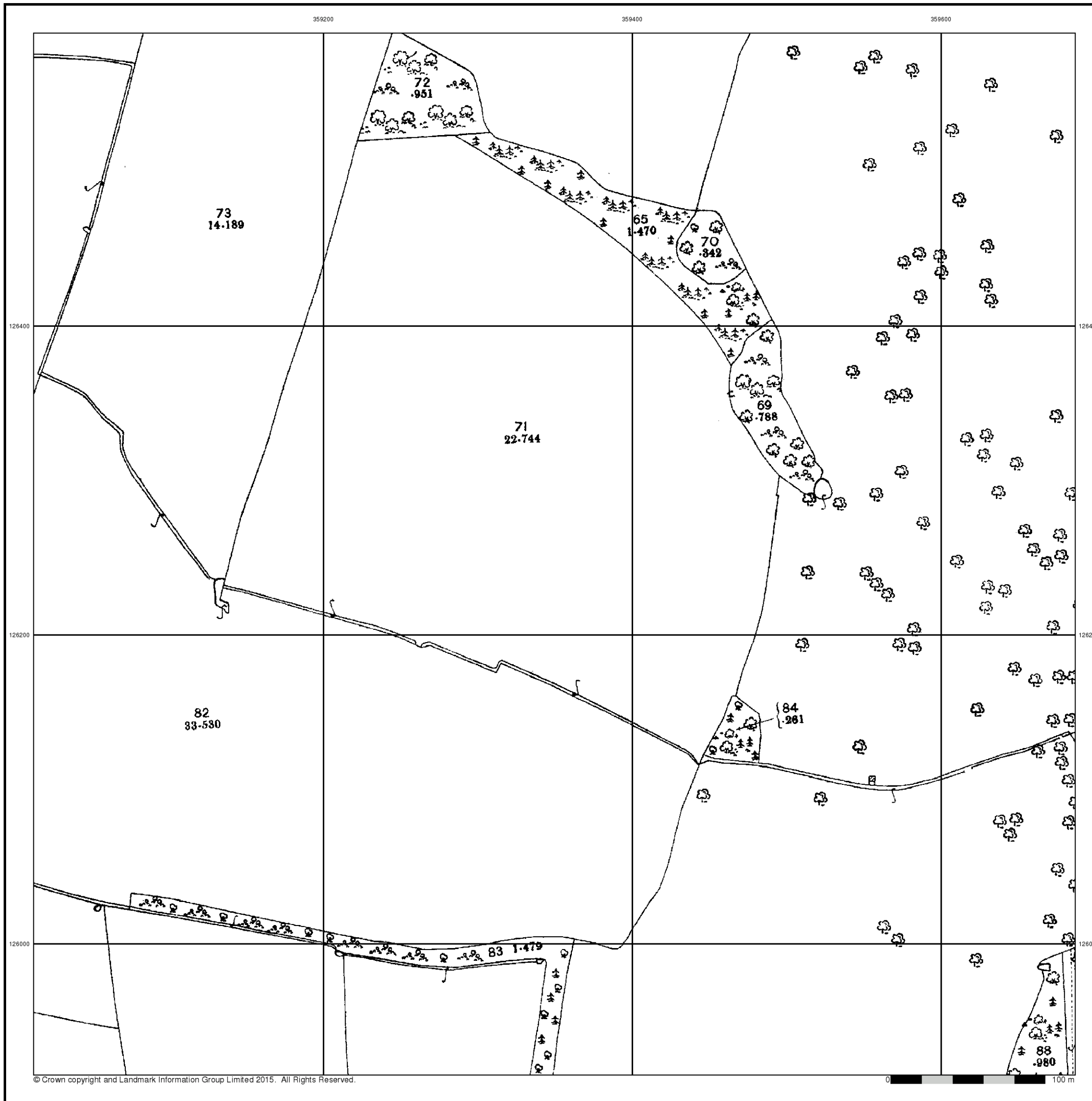


Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 360080, 126540
 Slice: F
 Site Area (Ha): 21.47
 Search Buffer (m): 100

Site Details

Site at, Sparkford, Somerset



Ordnance Survey Plan

Published 1975

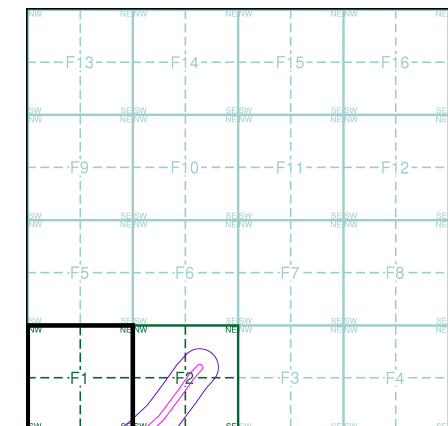
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

ST5926	1975	1:2,500
ST5925	1975	1:2,500

Historical Map - Segment F1

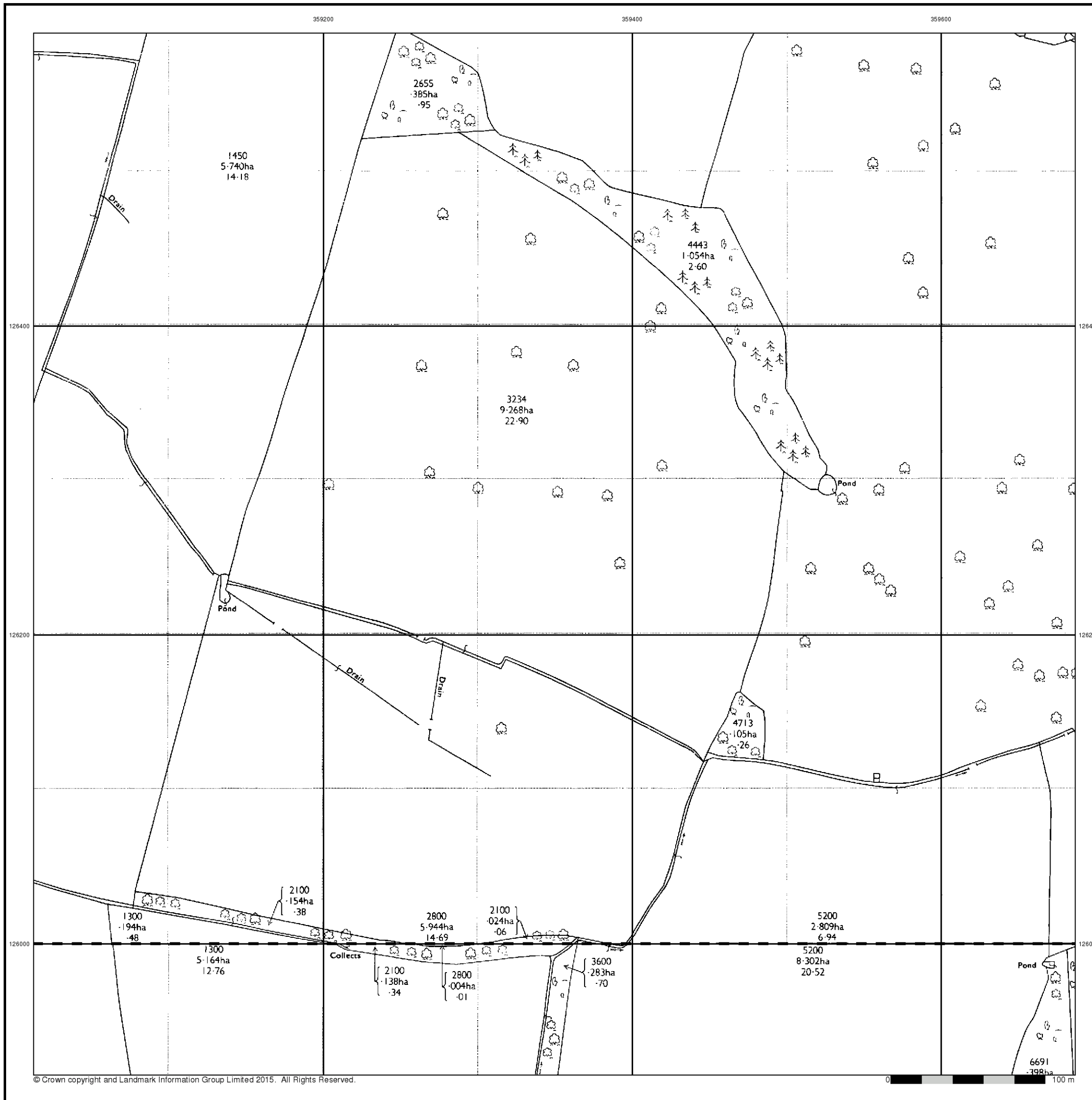


Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 360080, 126540
 Slice: F
 Site Area (Ha): 21.47
 Search Buffer (m): 100

Site Details

Site at, Sparkford, Somerset



359200

359400

359600



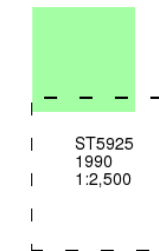
Additional SIMs

Published 1990

Source map scale - 1:2,500

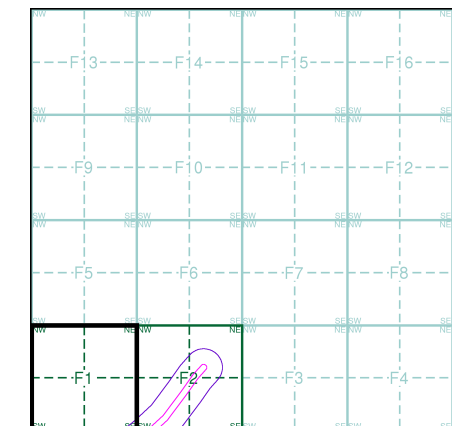
The SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') are further, minor editions of mapping which were produced and published in between the main editions as an area was updated. They date from 1947 to 1994, and contain detailed information on buildings, roads and land-use. These maps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

Map Name(s) and Date(s)



ST5925
1990
1:2,500

Historical Map - Segment F1



Order Details

Order Number: 79295009_1_1
Customer Ref: A303
National Grid Reference: 360080, 126540
Slice: F
Site Area (Ha): 21.47
Search Buffer (m): 100

Site Details

Site at, Sparkford, Somerset



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

126400

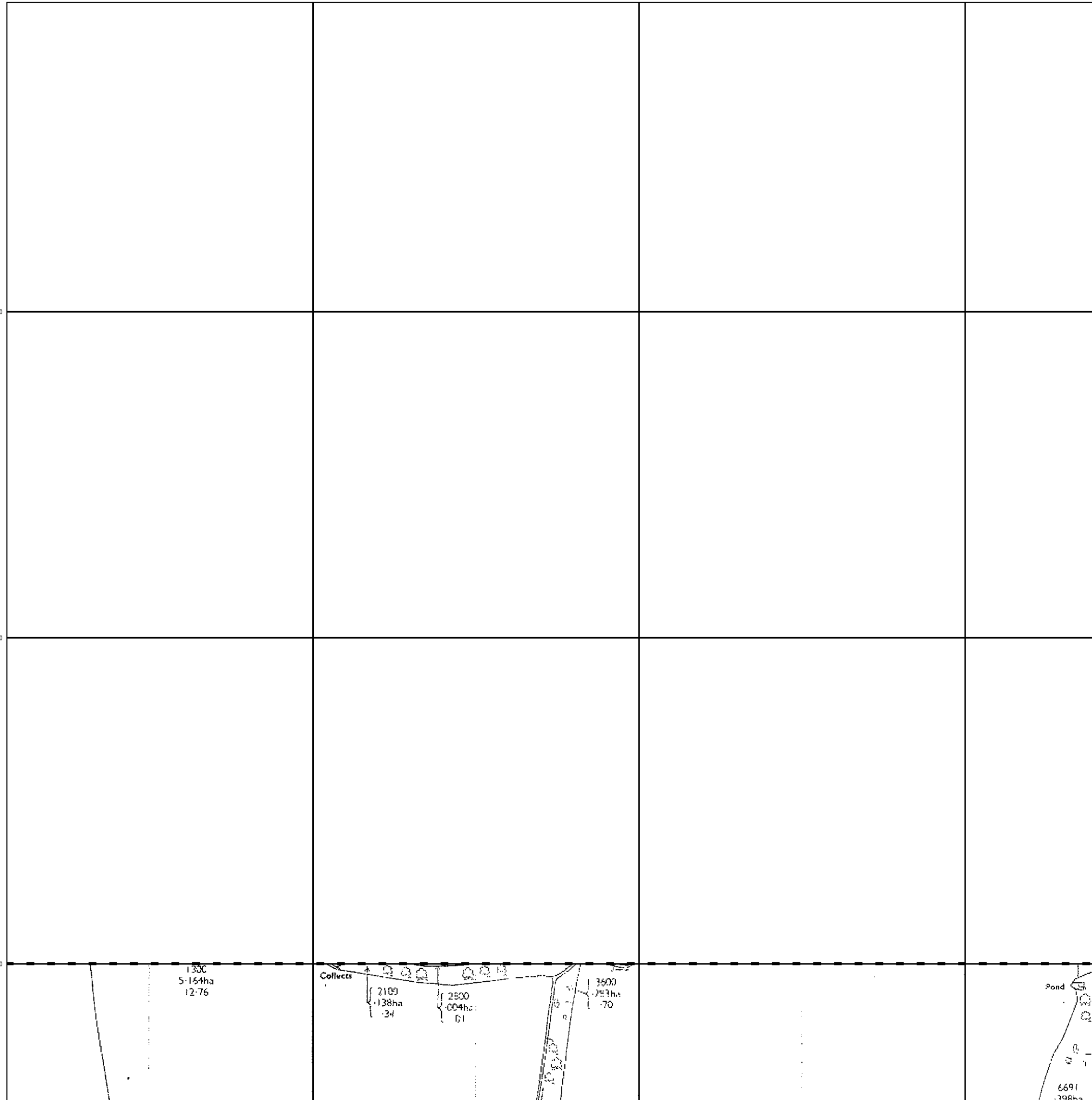
126400

126200

126200

126000

126000

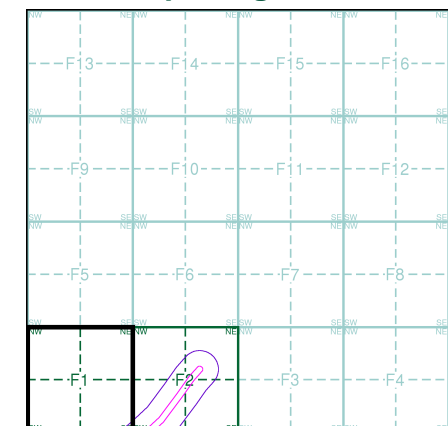


'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic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

Map Name(s) and Date(s)

ST5926	1995	1:2,500
ST5925	1995	1:2,500

Historical Map - Segment F1

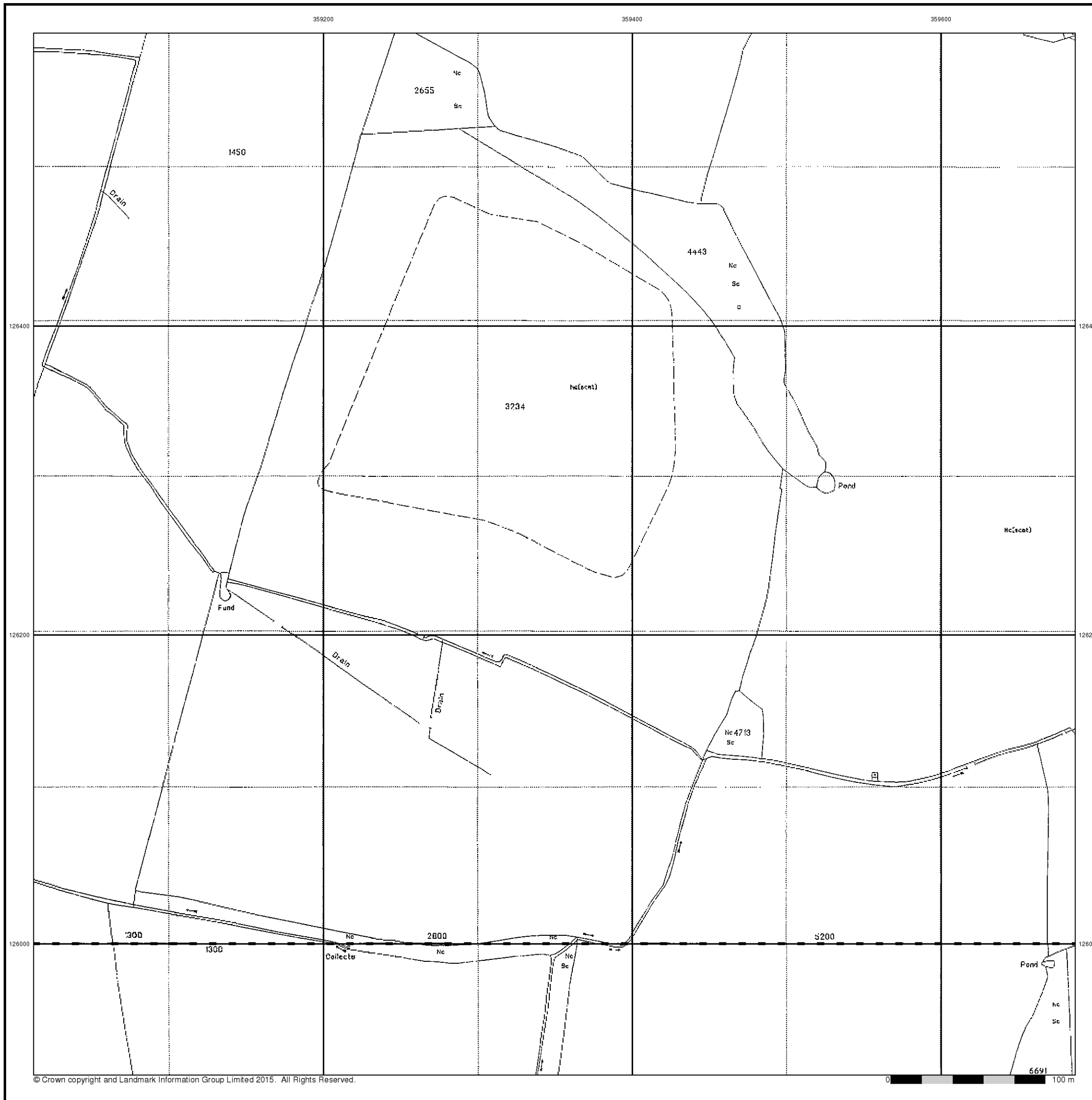


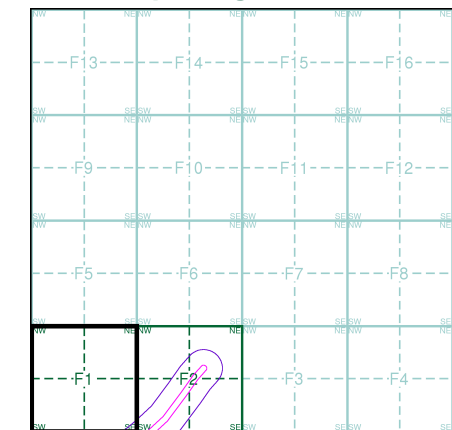
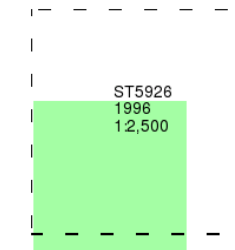
Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 360080, 126540
 Slice: F
 Site Area (Ha): 21.47
 Search Buffer (m): 100

Site Details

Site at, Sparkford, Somerset



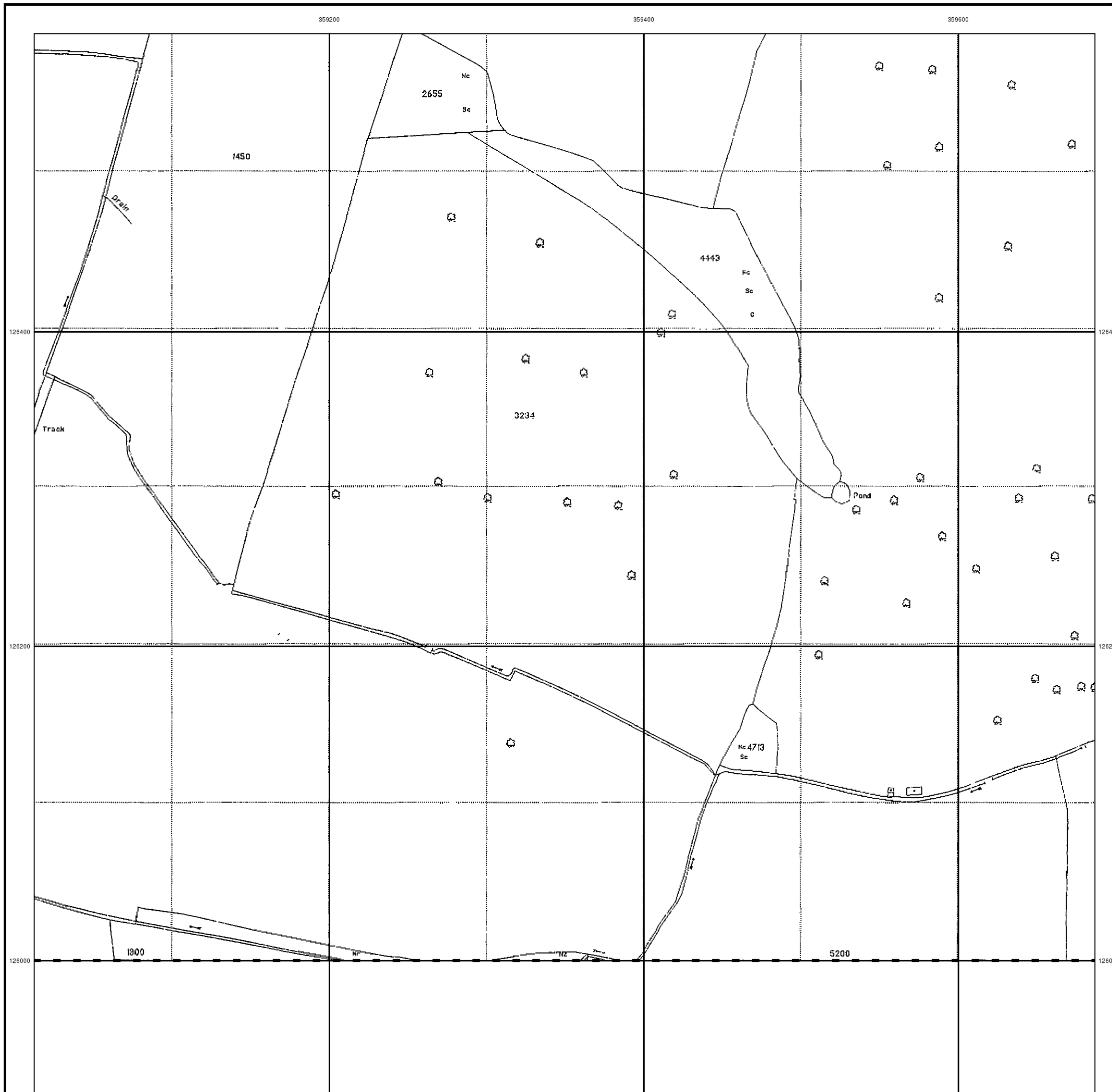


Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 360080, 126540
 Slice: F
 Site Area (Ha): 21.47
 Search Buffer (m): 100

Site Details

Site at, Sparkford, Somerset



Historical Mapping Legends

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

Quarry **Gravel Pit** **Sand Pit**
Clay Pit **Shingle** **Refuse Heap**
Sloping Masonry **Flat Rock**
Marsh **Reeds** **Osiers**
Rough Pasture **Furze** **Wood**
Mixed Wood **Brushwood** **Orchard**
Fir **Ford** **Stepping Stones**
Ferry **Waterfall** **Lock**
Trig. Station **Altitude at Trig. Station**
B.M. 325.9 **Bench Mark** **Surface Level**
Arrow denotes flow of water **Antiquities (site of)**
Cutting **Embankment**
Railway crossing Road **Level Crossing** **Road crossing Railway**
Railway crossing River or Canal **Road over single stream** **Road over River or Canal**
County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
County Borough Boundary (England)
County Burgh Boundary (Scotland)
Co. Boro. Bdy.
Co. Burgh Bdy.
BP BS Boundary Post or Stone **P.C.B** Police Call Box
B.R. Bridle Road **P** Pump
E.P Electricity Pylon **S.P** Signal Post
F.B. Foot Bridge **SL** Sluice
F.P. Foot Path **Sp.** Spring
G.P Guide Post or Board **T.C.B** Telephone Call Box
M.S Mile Stone **Tr.** Trough
M.P M.R Mooring Post or Ring **W** Well

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

Inactive Quarry, Chalk Pit or Clay Pit **Active Quarry, Chalk Pit or Clay Pit**
Rock **Boulders**
Cliff **Slopes** **Top**
Roofed Building **Glazed Roof Building**
Sloping Masonry **Archway**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Bench Mark** **Antiquity (site of)**
Cave Entrance **Triangulation Station** **Electricity Pylon**
Electricity Transmission Line
County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
London Borough Boundary
Symbol marking point where boundary mereing changes
BH Beer House **P** Pillar, Pole or Post
BP, BS Boundary Post or Stone **PO** Post Office
Cn, C Capstan, Crane **PC** Public Convenience
Chy Chimney **PH** Public House
D Fn Drinking Fountain **Pp** Pump
EI P Electricity Pillar or Post **SB, S Br** Signal Box or Bridge
FAP Fire Alarm Pillar **SP, SL** Signal Post or Light
FB Foot Bridge **Spr** Spring
GP Guide Post **Tk** Tank or Track
H Hydrant or Hydraulic **TCB** Telephone Call Box
LC Level Crossing **TCP** Telephone Call Post
MH Manhole **Tr** Trough
MP Mile Post or Mooring Post **Wr Pt, Wr T** Water Point, Water Tap
MS Mile Stone **W** Well
NTL Normal Tidal Limit **Wd Pp** Wind Pump

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

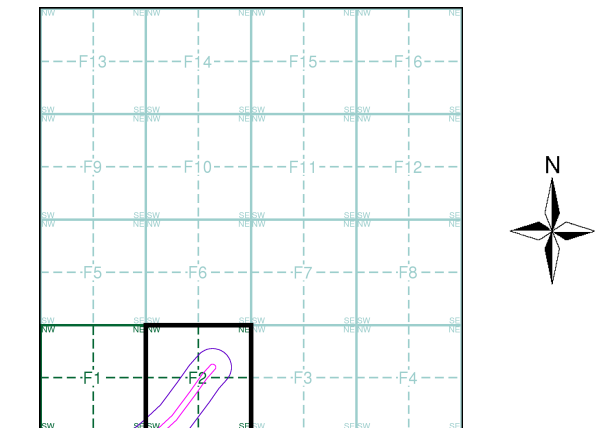
Cliff **Slopes** **Top**
Rock **Rock (scattered)**
Boulders **Boulders (scattered)**
Positioned Boulder **Scree**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Triangulation Station** **Antiquity (site of)**
Electricity Transmission Line **Electricity Pylon**
Bench Mark **Buildings with Building Seed**
Roofed Building **Glazed Roof Building**
Civil parish/community boundary
District boundary
County boundary
Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)
Bks Barracks **P** Pillar, Pole or Post
Bty Battery **PO** Post Office
Cemy Cemetery **PC** Public Convenience
Chy Chimney **Pp** Pump
Cis Cistern **Ppg Sta** Pumping Station
Dismtd Rly Dismantled Railway **PW** Place of Worship
EI Gen Sta Electricity Generating Station **Sewage Ppg Sta** Sewage Pumping Station
EI P Electricity Pole, Pillar **SB, S Br** Signal Box or Bridge
EI Sub Sta Electricity Sub Station **SP, SL** Signal Post or Light
FB Filter Bed **Spr** Spring
Fn / D Fn Fountain / Drinking Ftn. **Tk** Tank or Track
Gas Gov Gas Valve Compound **Tr** Trough
GVC Gas Governor **Wd Pp** Wind Pump
GP Guide Post **Wr Pt, Wr T** Water Point, Water Tap
MH Manhole **Wks** Works (building or area)
MP, MS Mile Post or Mile Stone **W** Well

Grontmij

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Somerset	1:2,500	1887	2
Somerset	1:2,500	1903	3
Ordnance Survey Plan	1:2,500	1975	4
Additional SIMs	1:2,500	1990	5
Large-Scale National Grid Data	1:2,500	1995	6
Large-Scale National Grid Data	1:2,500	1996	7

Historical Map - Segment F2



Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 360080, 126540
 Slice: F
 Site Area (Ha): 21.47
 Search Buffer (m): 100

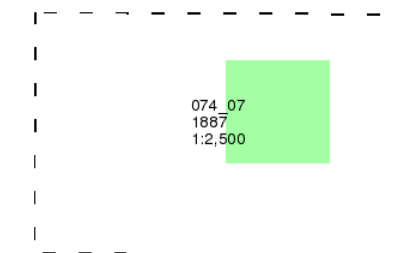
Site Details

Site at, Sparkford, Somerset

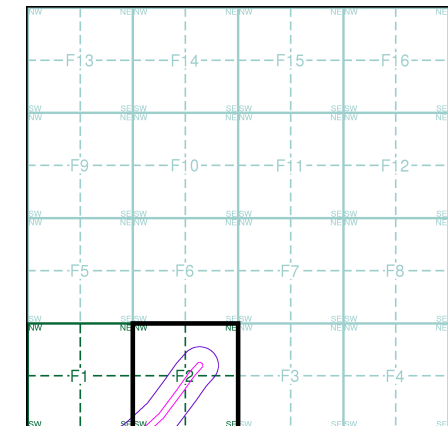
Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk

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

Map Name(s) and Date(s)



Historical Map - Segment F2

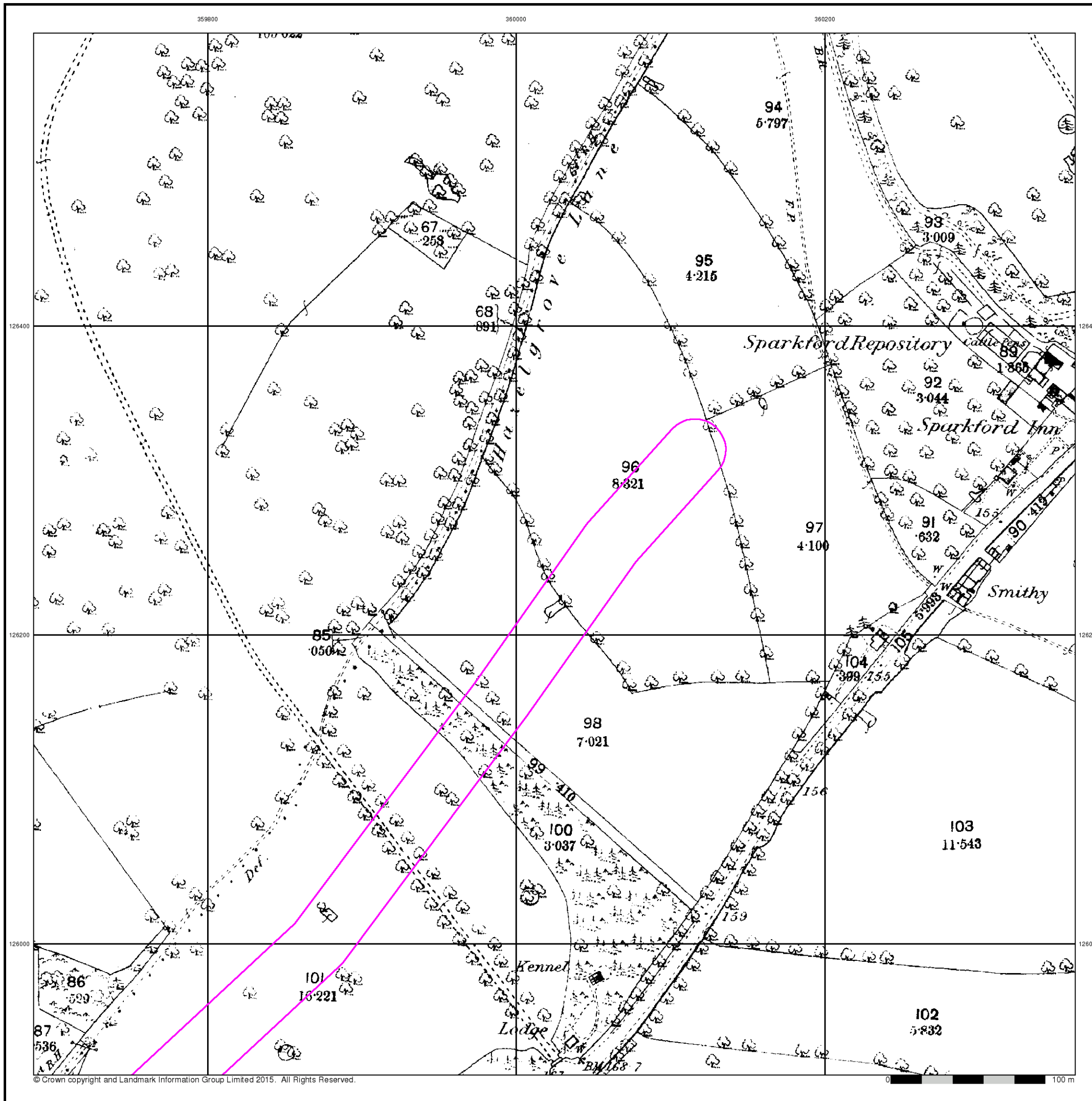


Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 360080, 126540
 Slice: F
 Site Area (Ha): 21.47
 Search Buffer (m): 100

Site Details

Site at, Sparkford, Somerset



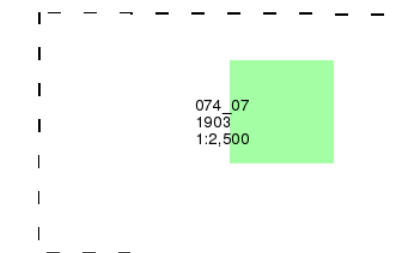
Somerset

Published 1903

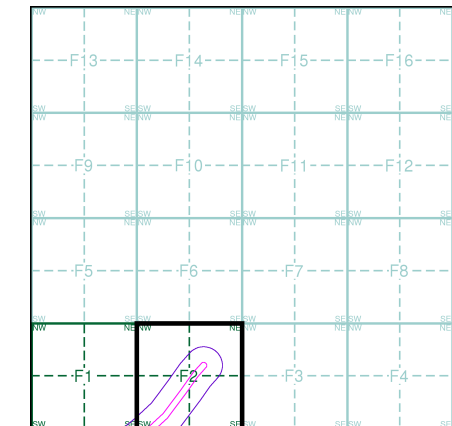
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment F2

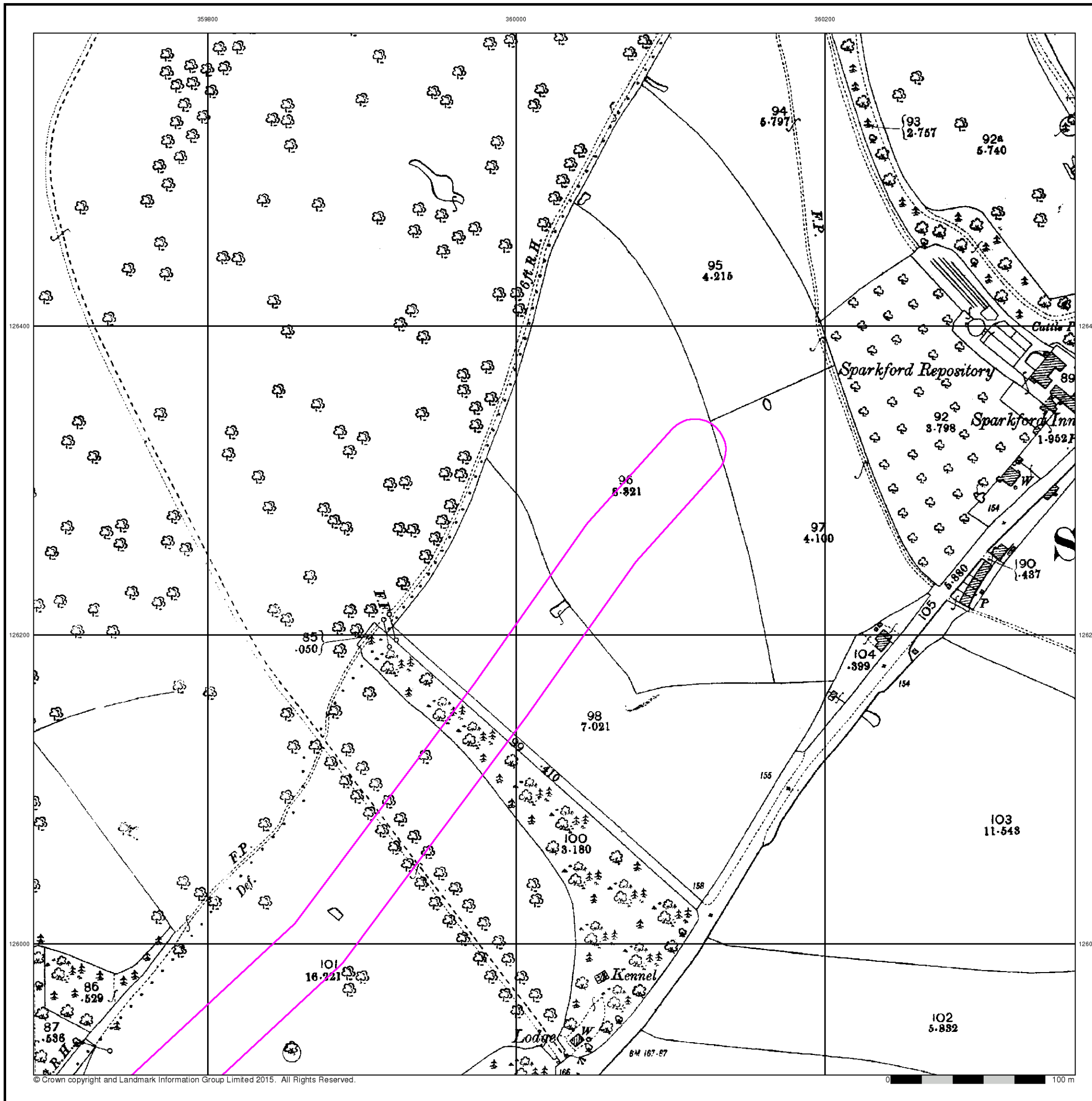


Order Details

Order Number: 79295009_1_1
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 National Grid Reference: 360080, 126540
 Slice: F
 Site Area (Ha): 21.47
 Search Buffer (m): 100

Site Details

Site at, Sparkford, Somerset

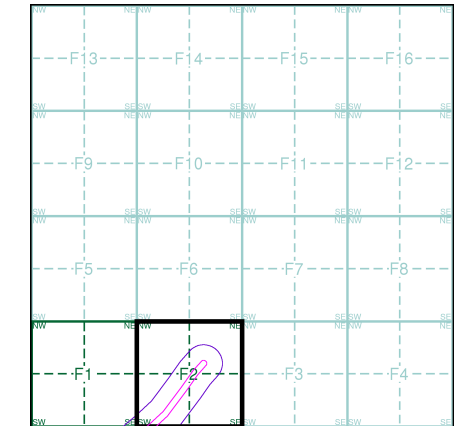


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain.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

Map Name(s) and Date(s)

ST5926 1975 12,500	ST6026 1975 12,500
ST5925 1975 12,500	ST6025 1975 12,500

Historical Map - Segment F2

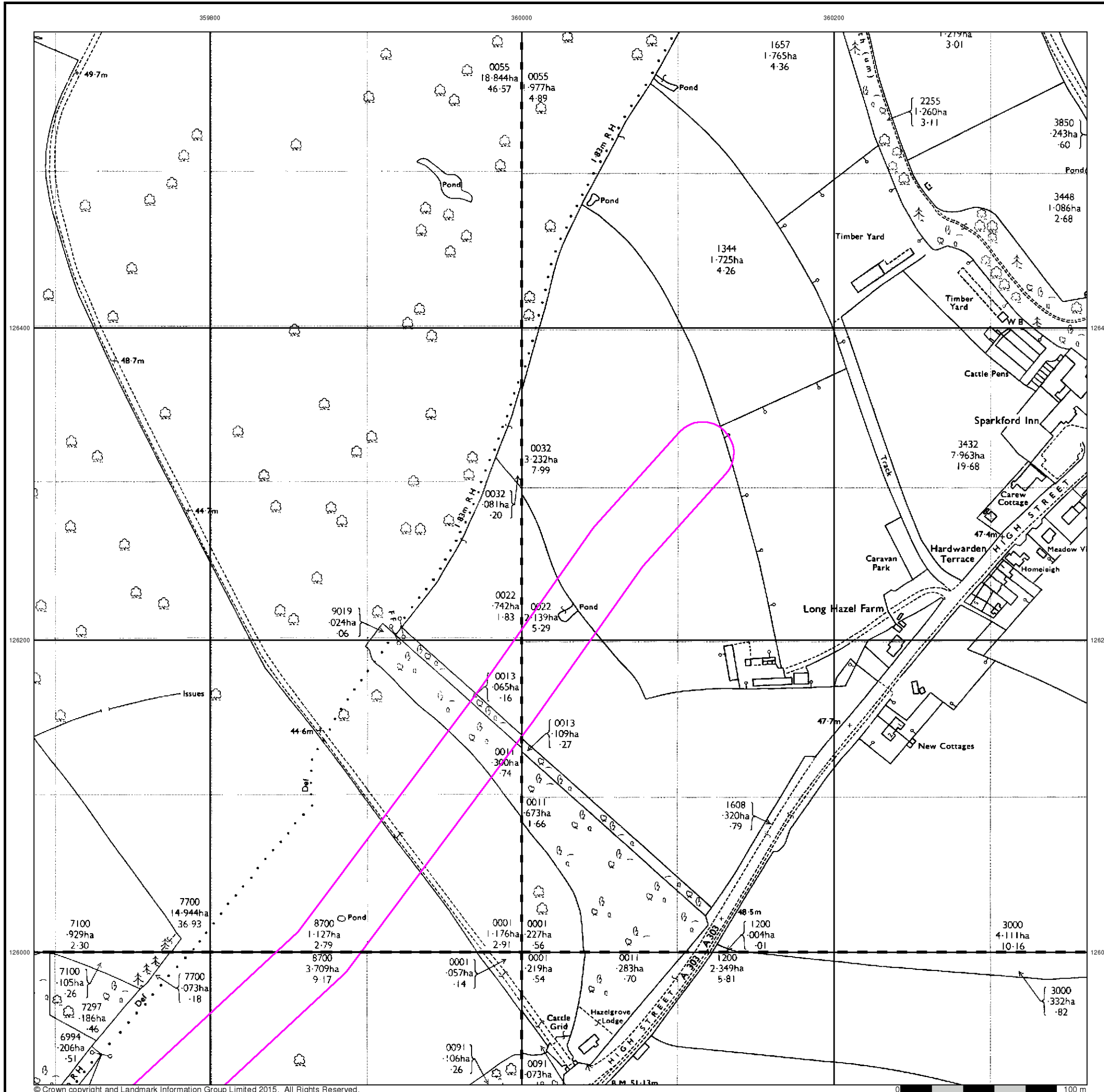


Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 360080, 126540
 Slice: F
 Site Area (Ha): 21.47
 Search Buffer (m): 100

Site Details

Site at, Sparkford, Somerset



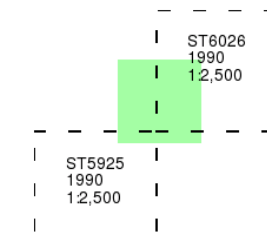
Additional SIMs

Published 1990

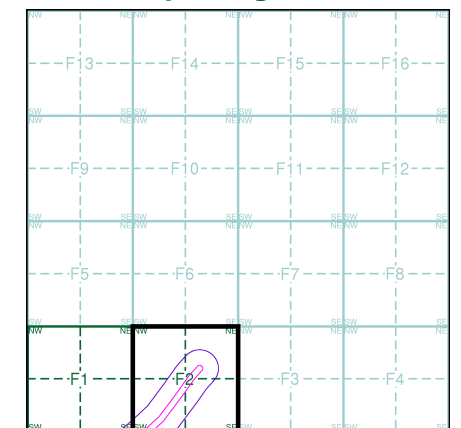
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment F2

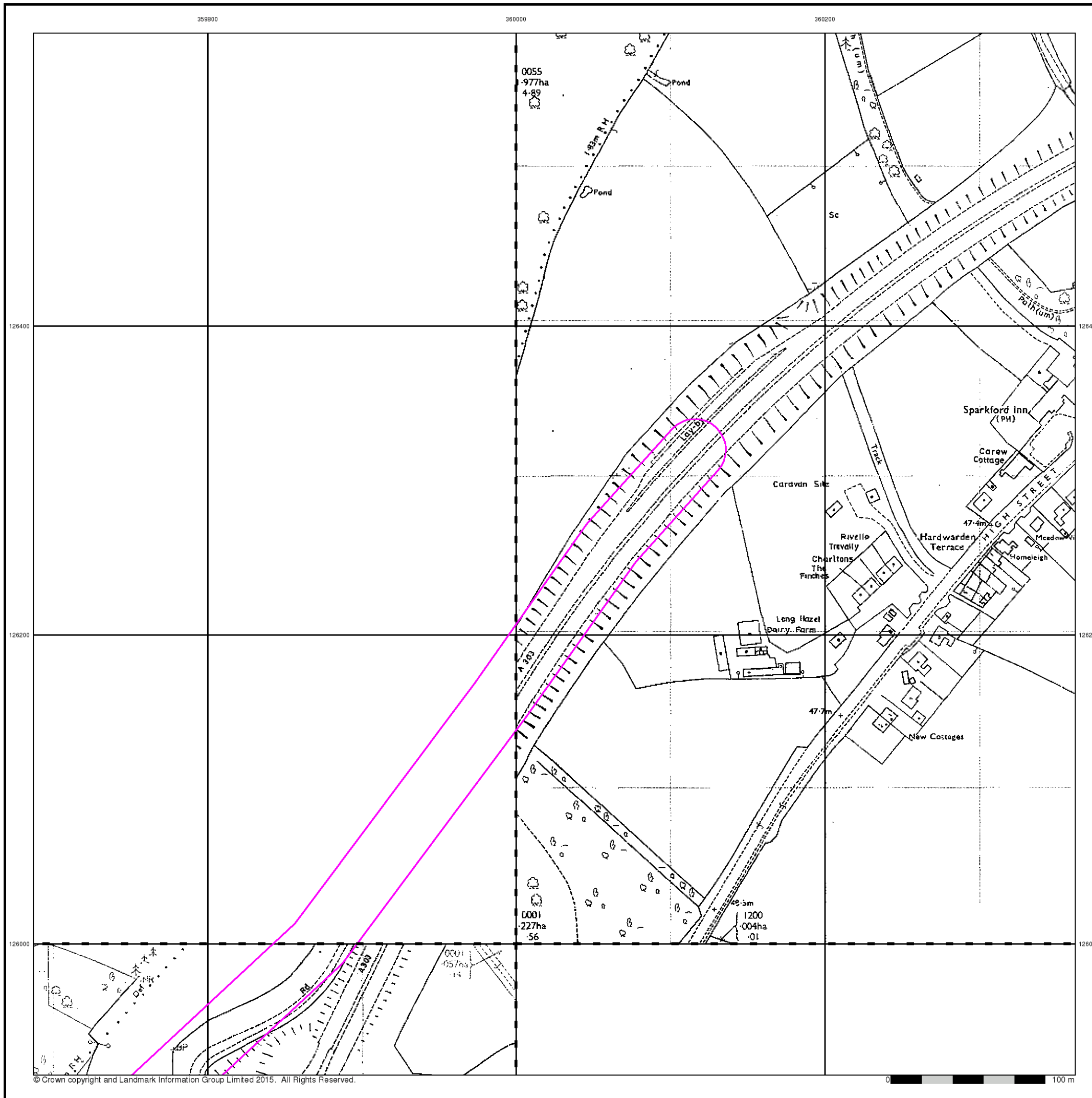


Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 360080, 126540
 Slice: F
 Site Area (Ha): 21.47
 Search Buffer (m): 100

Site Details

Site at, Sparkford, Somerset

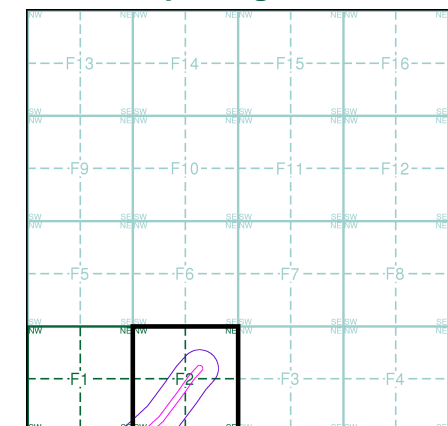


'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic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

Map Name(s) and Date(s)

ST5926 1995 1:2,500	ST6026 1995 1:2,500
ST5925 1995 1:2,500	ST6025 1995 1:2,500

Historical Map - Segment F2

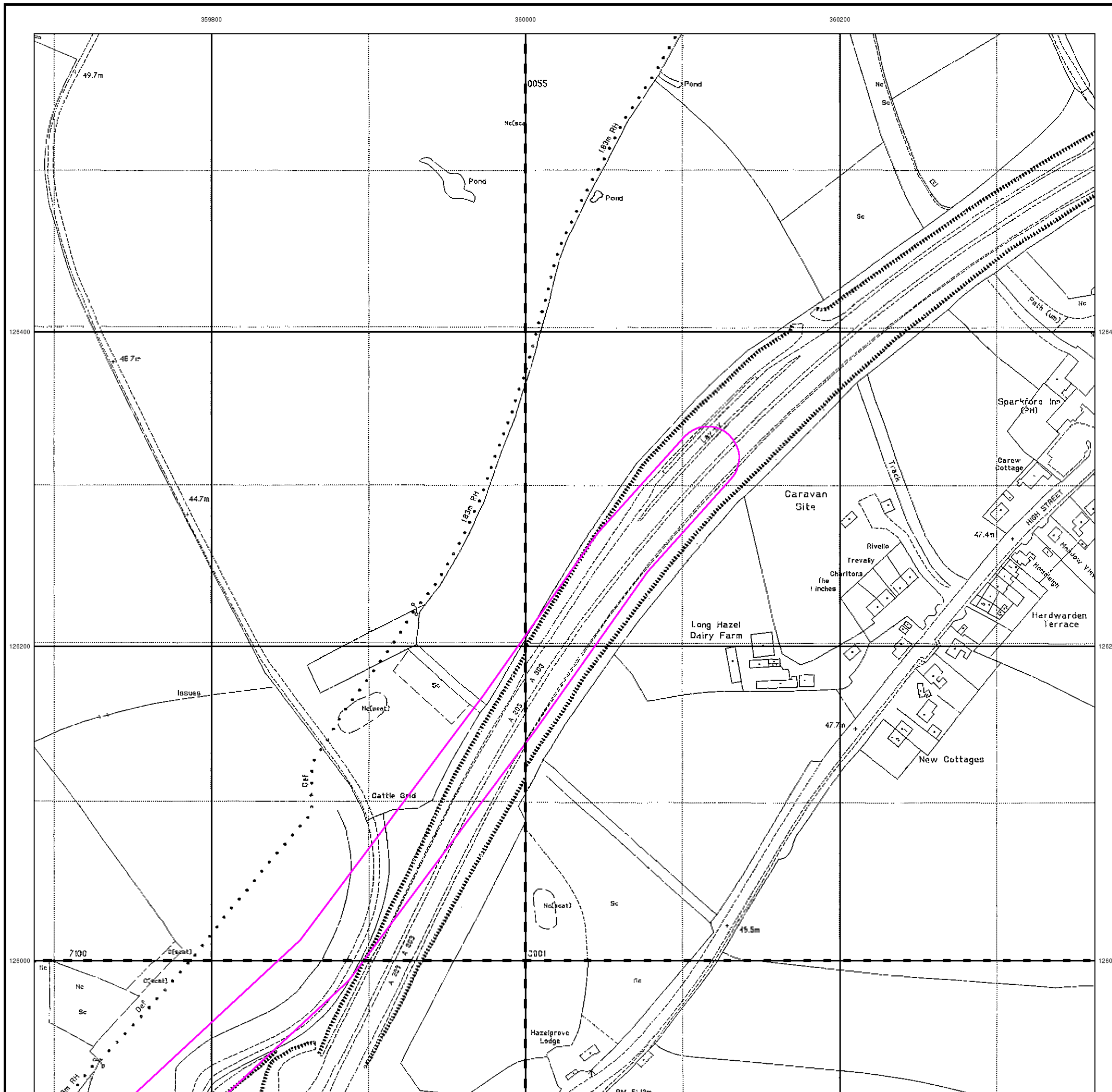


Order Details

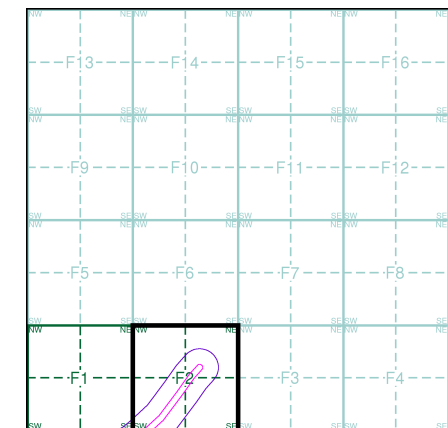
Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 360080, 126540
 Slice: F
 Site Area (Ha): 21.47
 Search Buffer (m): 100

Site Details

Site at, Sparkford, Somerset



ST5926 1996 12,500	ST6026 1996 12,500
	ST6025 1996 12,500

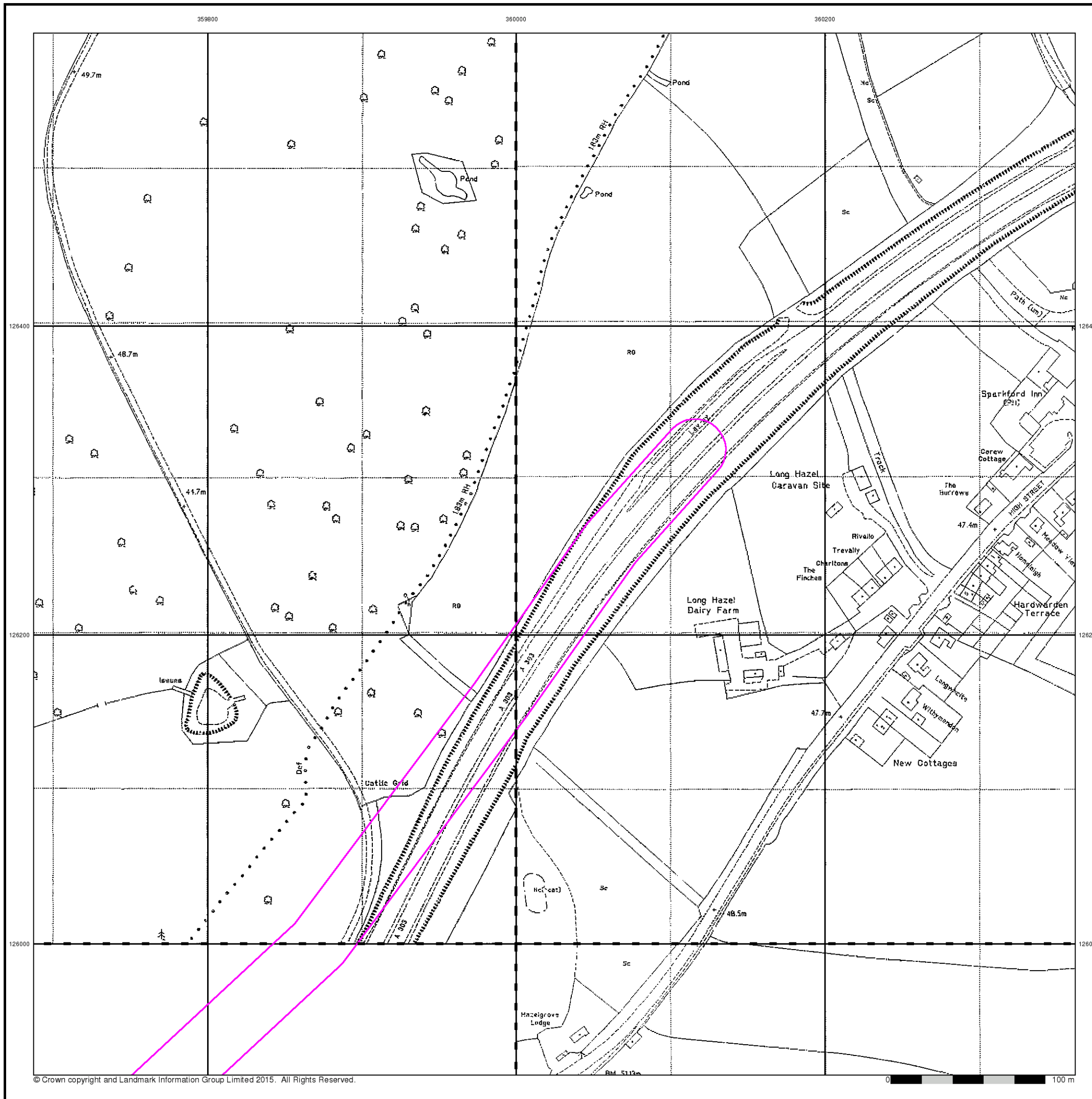


Order Details

Order Number: 79295009_1_1
 Customer Ref: A303
 National Grid Reference: 360080, 126540
 Slice: F
 Site Area (Ha): 21.47
 Search Buffer (m): 100

Site Details

Site at, Sparkford, Somerset



Photographs

Photo 1: Limestone quarry, photo taken from the existing road at Ch.4000m looking in a northerly direction.



Photo 2: The MOD site on the south side of the existing A303 at Ch.4250m on Route Option A2. View looking east from Traits Lane.



Photo 3: Large pylon like structures at the front of the Mod Site facing onto the southern side of the A303.



Photo 4: Junction for Gason Lane at Ch.4500m looking in a south-easterly direction.



Photo 5: Trig point at the summit of Camel Hill. Located approximately 100m south of the existing A303, JUST OFF Gason Lane.



Photo 6: Large steel tank concreted into the ground. The surrounding ground is uneven and hummocky – possible evidence of former workings/infilling.



Photo 7: Hardstanding around the Shell filling station, A303 Ch.4700m, looking west.



Photo 8: Shell filling station, A303 Ch. 4700m, looking east.



Photo 9: Farm Buildings located on the northern side of the existing A303 at Ch.600m on route option A2.



Photo 10: Taken from the Bridge at Eastmead Lane, shows the farm buildings and wet ground.



Photo 11: Concrete Works, located close to routes F1 and B4 at Steart Hill, approximate Ch. 3200m.



Photo 12: Looking east from Steart Hill showing the low-lying ground along proposed route options F1 and B4



Photo 13: Agricultural field at Ch.1700m, Option E4, the photo is taken from Downhead looking southwest towards the existing A303.



Photo 14: Tarmac turning circle at the north side of the A303, approximate Ch. 2000m, option E4.



Photo 15: Large field of Oil Seed Rape, adjacent to the A303 between approximate Ch.2000m and 2500m on route E4.



Photo 16: Looking east from Downhead lane towards the crest of Camel hill. Located at approximate Ch. 2500m on route E4.



Photo 17: Closed petrol station along Steart Lane, NGR (ST578254).



Photo 18: Open field on the northern side of the A303 at Ch.3500m on route E4. Looking in a southeast direction.



Photo 19: Within the grounds of Hazlegrove Preparatory School. Showing the approximate location of the proposed Hazlegrove Junction Overbridge.

