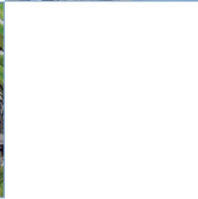
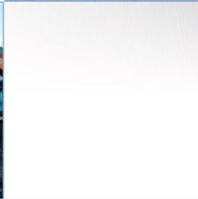
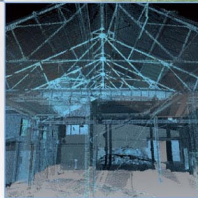
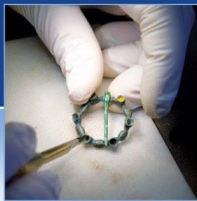


# Letham Mains North, Haddington, East Lothian: Archaeological Evaluation Data Structure Report

AOC Project 23147  
June 2017



ARCHAEOLOGY

HERITAGE

CONSERVATION

# Letham Mains North, Haddington, East Lothian Archaeological Evaluation Data Structure Report

<b>On Behalf of:</b>	<b>Gleeds Cost Management</b> 80 Hanover Street Edinburgh EH2 1EL
<b>National Grid Reference (NGR):</b>	<b>NT 4980 7350</b>
<b>AOC Project No:</b>	<b>23147</b>
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This document has been prepared in accordance with AOC standard operating procedures.

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## Summary

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AOC Archaeology was commissioned by Gleeds Cost Management on behalf of their clients to undertake a programme of works comprising an archaeological evaluation of land at Letham Mains North, Haddington, East Lothian.

East Lothian Council Archaeology Service required a 10% archaeological evaluation of the c.23.1 ha development area due to the presence of Scheduled Monument SM 6394, a sub-rectangular enclosure (or enclosures) with possible settlement remains within. Surrounding the Scheduled Monument is a larger area that includes other, less distinct, cropmarks including possible linears, rings and arcs which might represent unenclosed prehistoric roundhouses, possible pits and trackways. As well as the high prehistoric potential the location of a now demolished 18<sup>th</sup> century dovecote associated with nearby Letham House is recorded within the proposed development area.

The evaluation covered a 10% sample of the development area with restrictions placed on the area available due to buffers for overhead services and a public footpath bordering the land. The development area is currently under arable crop with the Scheduled Area most recently under a potato crop.

A number of the evaluation trenches targeted the recorded cropmarks surrounding the Scheduled Monument area and the recorded location of the now demolished dovecote. The remaining trenches were spaced out across the development area. A total of 9,165 linear metres were evaluated.

The results of the targeted cropmark trenches showed that all the linear cropmarks were caused by rubble drains with the majority draining into Letham Burn which ran along the southern extent of the site. Some of the ring or curvilinear cropmarks were caused by sharp changes in the subsoil going from gravels to sands. The targeted trench over the recorded location of the dovecote did not find any structural remains relating to this building or its demolition.

The remains of rig and furrow were noted in the west of the development area with two large linear ditches in this area likely to be former field boundaries observed on previous Ordnance Survey mapping. 19<sup>th</sup>/20<sup>th</sup> century glass and ceramics were found in the lower fills.

## 1. INTRODUCTION

### 1.1. Project Background

- 1.1.1. A programme of archaeological works comprising an archaeological evaluation was required by Gleeds Cost Management on behalf of their clients prior to the construction of a residential development at Letham Mains North, Haddington, East Lothian (centred on NGR: NT 4980 7350) (Planning Application Nos. 14/00089/PM, 14/00534/PCL and 13/00519/PM). The need for, and scope of, the archaeological works has been determined by East Lothian Council who are advised on archaeological matters by Mr. Andrew Robertson of the East Lothian Council Archaeology Service (ELCAS)
- 1.1.2. The programme of archaeological works was required in keeping with best practice requirements outlined in current planning guidelines Scottish Planning Policy (2014) & Planning and Archaeology 2/2011 (2011) in order to record the extent and significance of any archaeological remains which may be present within the development area. A Written Scheme of Investigation (WSI) (AOC Archaeology 2017) detailed how the requirements were met.

### 1.2. Site Location



Plate 1: View from the northwest of Field 2 from Field 1 with Traprain Law in the background

- 1.2.1. The proposed development is roughly rectangular in plan and lies to the west of the town of Haddington, East Lothian. The site is presently agricultural land part of system of well-defined established fields. The site is defined to the north by the B6471 which is one of the

main access roads leading into Haddington. To the west there is the tree lined access road to Letham House and the southern boundary is marked by Letham Burn. The remaining boundary to the east is marked by St Laurence House Burn and the strip of land beyond this comprises the gardens of an existing row of residential properties that form part of 'Burnside' and at present the western extent of Haddington.

- 1.2.2. The development area covers c.23.1 ha of land and is centred at NGR NT 4980 7350 as shown on Figure 1.

### 1.3. Archaeological Background

- 1.3.1. Two cultural heritage sites have been recorded within the development area (see Table 1 and Figure 2). Cropmarks of an enclosure and associated features (Site 1a) are protected as a Scheduled Monument (SM 6394). This site has been rescheduled since the 2005 assessment was undertaken and the boundary of the area has been altered. The scheduled area includes a sub-rectangular enclosure (or enclosures) with possible settlement remains within. A cluster of sub-circular marks to the south is also included. Outside the scheduled area the East Lothian HER defines a larger site (Site 1b) that includes other, less distinct, cropmarks including possible rings and arcs, which might represent unenclosed prehistoric roundhouses. Possible pits and a trackway may also be visible as cropmarks.
- 1.3.2. The other recorded site in the proposed development area was the location of an 18th century dovecot (Site 2), which has recently been demolished. It is recorded within East Lothian Council HER.

Site No.	Name	NGR	NMRS Nos.	Description	Designation
1a	Spottiswoode enclosure	NT5006 7358	NT57SW77	Rectilinear enclosure	Scheduled Ancient Monument 6394
1b	Haddington/St Laurence House Bridge	NT5009 7353	SMR No. MEL1169	Cropmarks of roundhouse, pits and trackway associated with Spottiswoode enclosure	None
2	Letham Mains Dovecot	NT4951 7335	NT47SE13.02	Dovecot MEL 556	None (formerly listed. Not included in 1996 re-listing of Letham House)
3	St Laurence's Hospital and Leper House	NT 50 73	NT57SW11 NT57SW23 NT57SW204	St Laurence's Hospital and Leper House	None

4	Letham House	NT4936 7333	NT47SE13	Country house and glasshouse (13.00) with gate piers (13.03), stables (13.01) and pavilions (13.04, 13.05)	Four category B Listed Buildings (13.00; 13.03; 13.04 and 13.05)
5	Braehead	NT5000 7371	NT57SW433	18 <sup>th</sup> century cottage	None
6	Clerkington House, North Lodge	NT5044 7341	NT57SW144.02	Gate-lodge	None

Table 1: List of heritage sites within the development area (Sites 1a, 1b and 2) and within 100m buffer (Sites 3-6).

- 1.3.3. There are four cultural heritage sites within 100m of the site. A medieval hospital and leper house (Site 3) are documented to the west of Haddington; their exact locations are not known. The mapped location in Figure 1 is based on a 19th century record.
- 1.3.4. Letham House (Site 4), a country house that has 17th century and later features, and its surrounding grounds and outbuildings, lie immediately to the west of the proposed development. The house itself, the gate piers on the main road, and two cottages (the East and West Pavilions) are Listed Buildings (Category B)
- 1.3.5. The remaining two sites adjacent to the proposed development are an 18th century cottage (Site 5) to the north, and a gate lodge (Site 6) associated with Clerkington House just beyond the east boundary.
- 1.3.6. The potential for previously unrecorded archaeological remains within the proposed development site was assessed as high. Given the size of the site and the presence of recorded cropmarks, it was deemed likely that sub-surface prehistoric features not recorded as cropmarks were also present.

## 2. OBJECTIVES

2.1.1. The objectives of the archaeological evaluation were:

- i) to determine and assess the character, extent, condition, quality, date and significance of any buried archaeological remains within the proposed development area through evaluation trenching;
- ii) to advise and implement an appropriate form of archaeological mitigation, such as excavation, post-excavation analyses and publication, should significant archaeological remains be encountered that cannot be preserved in situ.



### 3. METHODOLOGY

- 3.1.1. ELCAS requested a 10% evaluation across the development area with a number of trenches targeting the cropmarks around the Scheduled Area. The overall site boundary encloses an area some 23.1 ha in size however not all of this ground could be evaluated. The main exclusion area is the Scheduled Monument of Spottiswoode Enclosure, Site 1a which covers c. 1.5 ha in size. There is also some mature trees present along the northern and eastern boundaries of the development area that are to be retained as well as a buffer zone alongside the Letham Burn which together equates to c. 0.6 ha. Buffer zones around live services accounts for a further 1.0 ha and there was a footpath bordering the field which was in constant use by members of the public and unsafe to trench. This means the 10% evaluation was reduced to a final area totaling 19 ha or 9500 linear metres.
- 3.1.2. The evaluation consisted of machine trenching carried out with a tracked 360° excavator equipped with a 2.0 m wide flat bladed ditching bucket. Excavation was undertaken in units/spits until the first significant archaeological horizon or natural subsoil was reached. All machine excavation was supervised by an experienced field archaeologist and according to AOC Archaeology Group's standard operating procedures, and as per the methodology within the Written Scheme of Investigation (AOC 2016). The trenches were fully recorded before being backfilled.
- 3.1.3. The trenches were set between 50m and 100m in length and placed on varying orientations. The trenches did not exceed 100 metres in length. A number of trenches were targeted over recorded cropmarks around the Spottiswoode enclosure (Site 1a). Trial trenches were extended around possible archaeological features to determine their lateral extent (while remaining within the development area).
- 3.1.4. All significant archaeological features were cleaned and fully defined. A number of features were excavated, sampled and recorded to determine their character, function, nature, date and significance.

### 4. RESULTS

#### 4.1. Field 1: Trenches 1 – 49

- 4.1.1. Two linear features were identified, and one sub-circular cut interpreted as a pit; no other archaeological features were identified within this field.
- 4.1.2. The geological subsoil was a mid-yellow to orange brown sandy clay and was overlain by a topsoil of a mid-greyish brown sandy silt deposit between 0.30m and 0.65m thick. At the southern end of the site along an area bordering Letham Burn, an alluvial deposit was present between the topsoil and the subsoil.
- 4.1.3. A linear cut [2003] was present in Trench 20. This feature was oriented NNW-SSE and measured approximately 1.2m wide and 0.5m deep. The cut had steep sides and a

concave base, with a lower fill (2002) comprised of grey silty clay 0.08m thick. This was overlain by an upper fill (2001) of a mid-brown compact sandy clay with occasional gravel inclusions. Post-medieval ceramic sherds and glass fragments were recovered from the lower fill (2002). The linear feature continued beyond the trench section and was also seen in Trench 22 to the south. It is interpreted as a ditch, possibly a former field boundary.

- 4.1.4. A sub-circular cut [2404] was recorded in Trench 24. This feature measured approximately 1.2m in diameter and 0.28m deep. The feature was steep sided with a concave base and had a single fill (2403) of a mid-greyish brown, sandy clay with occasional modern ceramic sherds (not retained). The feature is likely to be a modern in date, but its function is unknown.
- 4.1.5. An east-west oriented linear cut [2401] in Trench 24 was steep sided with a flat base and measured approximately 2.2m wide by 0.52m deep. It contained a single fill (2402) comprised of a mid-greyish brown, sandy clay with occasional gravel inclusions and contained modern green glass sherds (not retained). It is interpreted as a ditch, possibly a former field boundary on a roughly perpendicular alignment to ditch [2003].
- 4.1.6. A similar cut was found in Trench 26 [2601] and is likely a continuation of the same linear feature as recorded in Trench 24. The cut had gently sloping sides for approximately 0.40m which then changed to steep sides culminating in a flat base. The cut measured approximately 2.5m wide and 0.4m deep. It contained a single fill (2602) of a mid-greyish brown, compact sandy clay with occasional small to medium sized stones. No finds were recovered from this slot.



**Plate 2: WSW facing section of linear ditch [2601]**

4.1.7. Trench 34 was located over the recorded HER location of Letham House Dovecote. No traces of the dovecote were present.

4.1.8. Numerous ceramic field drains and rubble drains were observed set on varying alignments and emptying towards Letham Burn bordering the south of the development area.

**4.2. Field 2: Trenches 50 - 109**

4.2.1. Twenty-five trenches targeted the recorded cropmarks (Site 1b) out-with the Scheduled Monument area. These included possible linears, rings and arcs (labelled Cropmarks 1 to 12) which are thought to represent unenclosed prehistoric roundhouses, possible pits and a possible trackway (see Figure 7). The cropmarks had been transcribed from aerial photographs dating to between 1946 and 1988.

4.2.2. The geological subsoil was a mid-yellowish to orange brown sandy clay and was overlain by a topsoil that comprised of a mid-greyish brown sandy silt deposit between 0.30m and 0.65m thick. At the southern end of the site along an area bordering Letham Burn an alluvial deposit was noted between the topsoil and the subsoil.

4.2.3. No significant archaeological features were identified in this field. Plough scarring and animal burrowing were evident within the subsoil. The field had been heavily ploughed and in recent use for a potato crop.

4.2.4. In total 14 cropmarks were identified to be targeted and the resulting causes of these anomalies have been summarised below.

<b>Cropmark No.</b>	<b>Morphology</b>	<b>Trench No.</b>	<b>Description of feature found</b>
1	Linear	103; 106	Rubble field drain
2	Linear	100; 102; 103; 106; 109	Rubble field drain
3	Ring-shaped	105	Not seen. Located in very corner of field within buffer zone and over a footpath therefore not able to be trenched due to H&S.
4	Curvilinear	101; 104	Abrupt change in the natural
5	Linear	88; 90	Rubble field drain
6	Linear	75; 77	Rubble field drain
7	Linear	75; 79; 81; 83	Rubble field drain
8	Linear	67; 69; 71	Rubble field drain
9	Arc/Curvilinear	75	Abrupt change in the natural

10	Linear	94; 95	Rubble field drain
11	Linear	87; 89	Rubble field drain
12	Linear	87; 89; 96	Rubble field drain
13	Subcircular	95	Not seen
14	Subcircular and Linear	100	Not seen and rubble field drain

Table 2: Summary results of cropmark features and their causes



Plate 3: Linear rubble drain at location of linear cropmark No.12 in Trench 96

4.2.5. In an area downslope of the Scheduled Monument area a small number of unstratified finds were recorded including a fragment of medieval white gritty ware ceramic, two sherds of undiagnostic prehistoric ceramic and a fragment of slag.

## 5. CONCLUSIONS AND RECOMMENDATIONS

5.1.1. The evaluation at Letham Mains was successful in determining the nature of the surviving archaeological resource within the development area. A total of 9165 linear metres were excavated. Two significant archaeological features were identified in the form of two former 19th century field boundaries that appear on previous Ordnance Survey Mapping.

- 5.1.2. No prehistoric archaeological features were found associated with the Scheduled Monument of Spottiswood Enclosure or the surrounding cropmarks. The majority of the cropmarks were a result of linear field drains and abrupt geological changes in the natural.
- 5.1.3. The location of Letham Mains Dovecote (Site 2) as recorded in the HER was not verified in Trench 34 and is therefore thought to be further to the southwest within the buffer zone or underneath the overhead cables running across the site in this area. The dovecote was demolished relatively recently therefore associated remains are presumed likely to exist,
- 5.1.4. Several residual topsoil finds were concentrated in an area downslope from the Scheduled Monument area. These included undiagnostic prehistoric and medieval ceramics and a fragment of metal slag.

## 6. REFERENCES

AOC Archaeology 2017 *Letham Mains North Evaluation: Written Scheme of Investigation*

Headland Archaeology 2011 *Updated Archaeological Assessment*, Unpublished client report

Scottish Government 2010 *Scottish Planning Policy*.

Scottish Government 2014 *2/2014 Planning and Archaeology*.

### **Cartographic sources**

Ordnance Survey 1<sup>st</sup> Edition Six Inch 1843-1882

Ordnance Survey 2<sup>nd</sup> Edition Six Inch 1885-1900

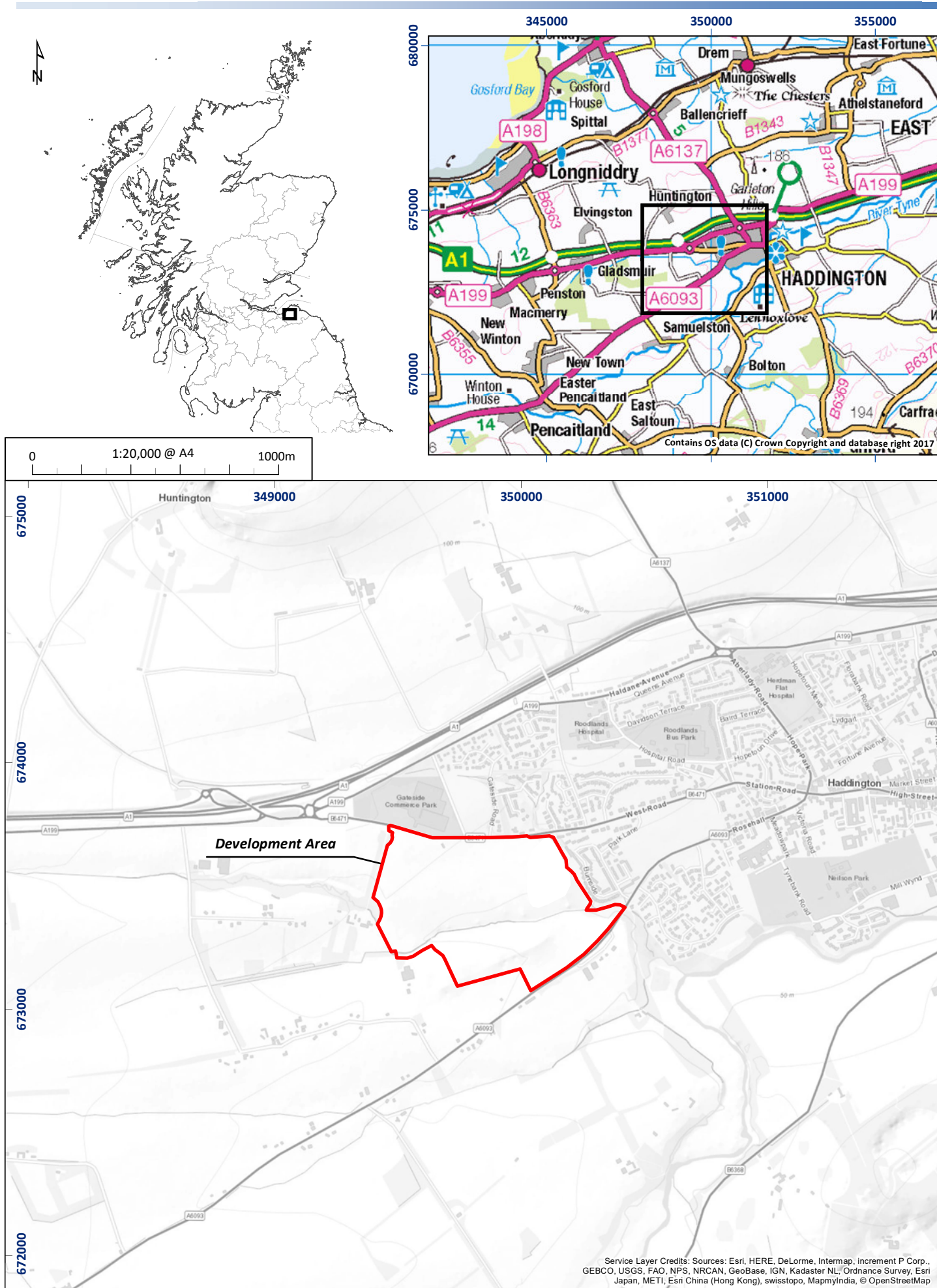


Figure 1: Site location with known archaeological sites marked

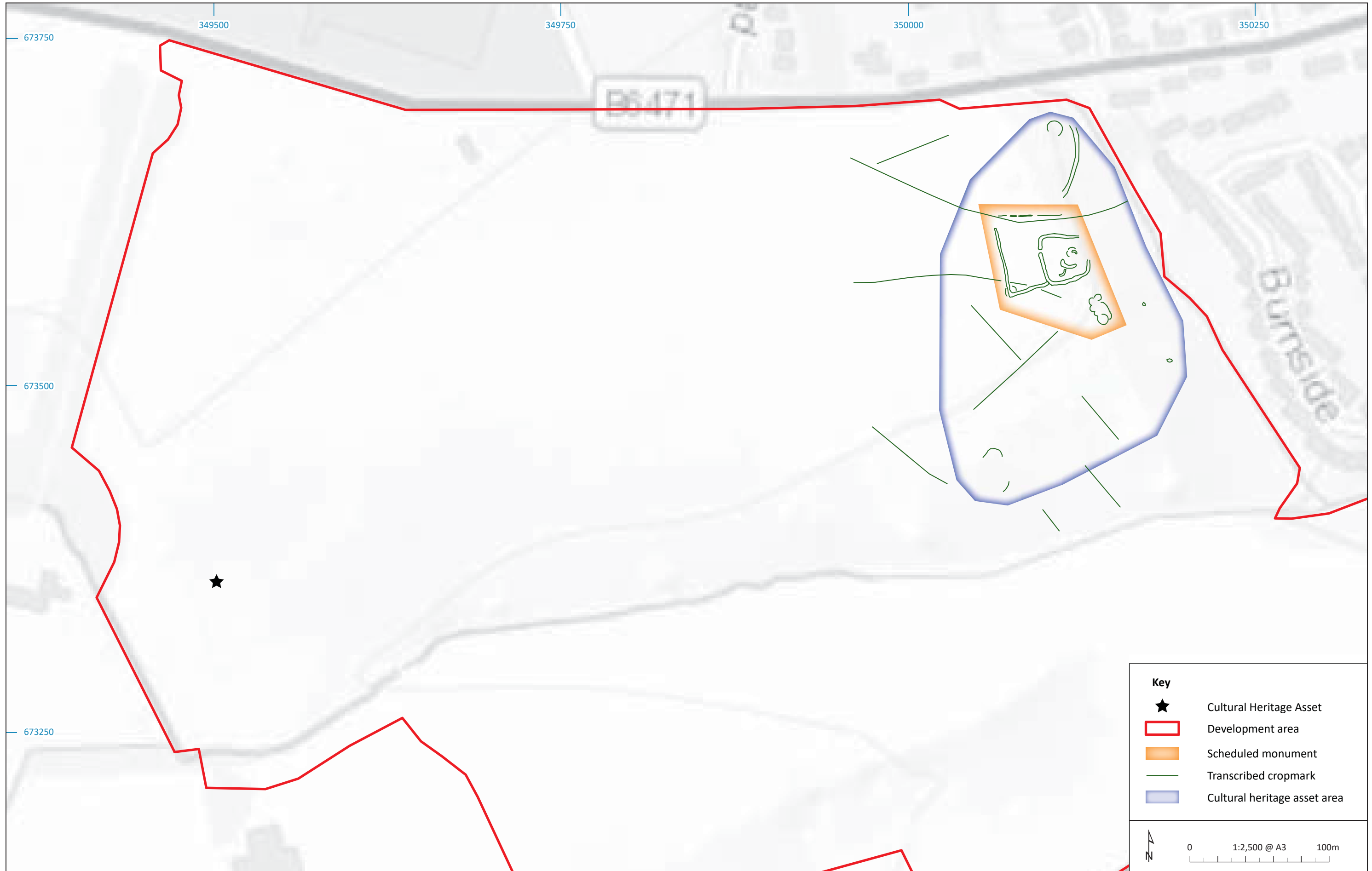


Figure 2: Known Archaeology + SM area



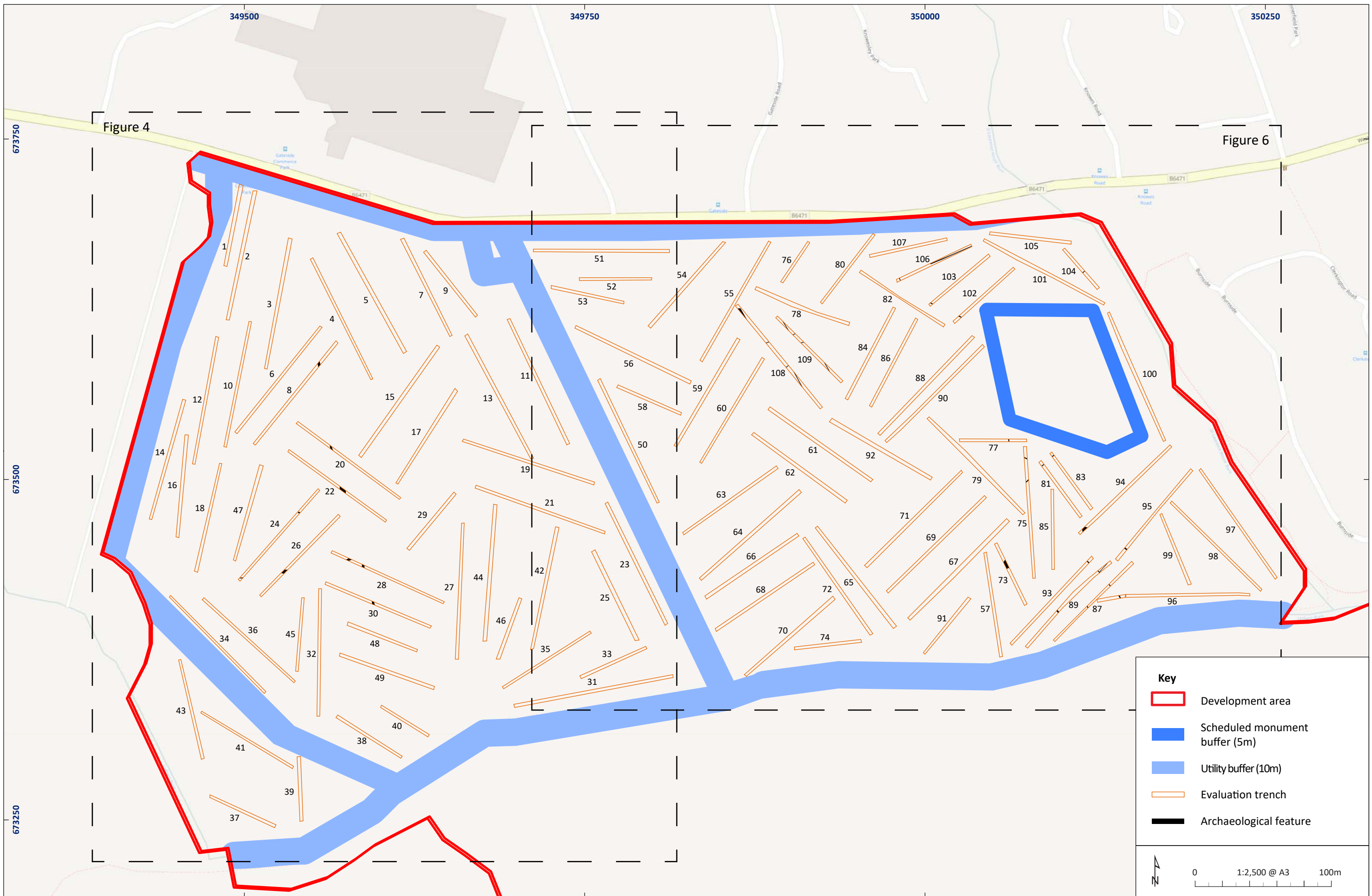


Figure 3: Development Area showing surveyed in locations of evaluation trenches

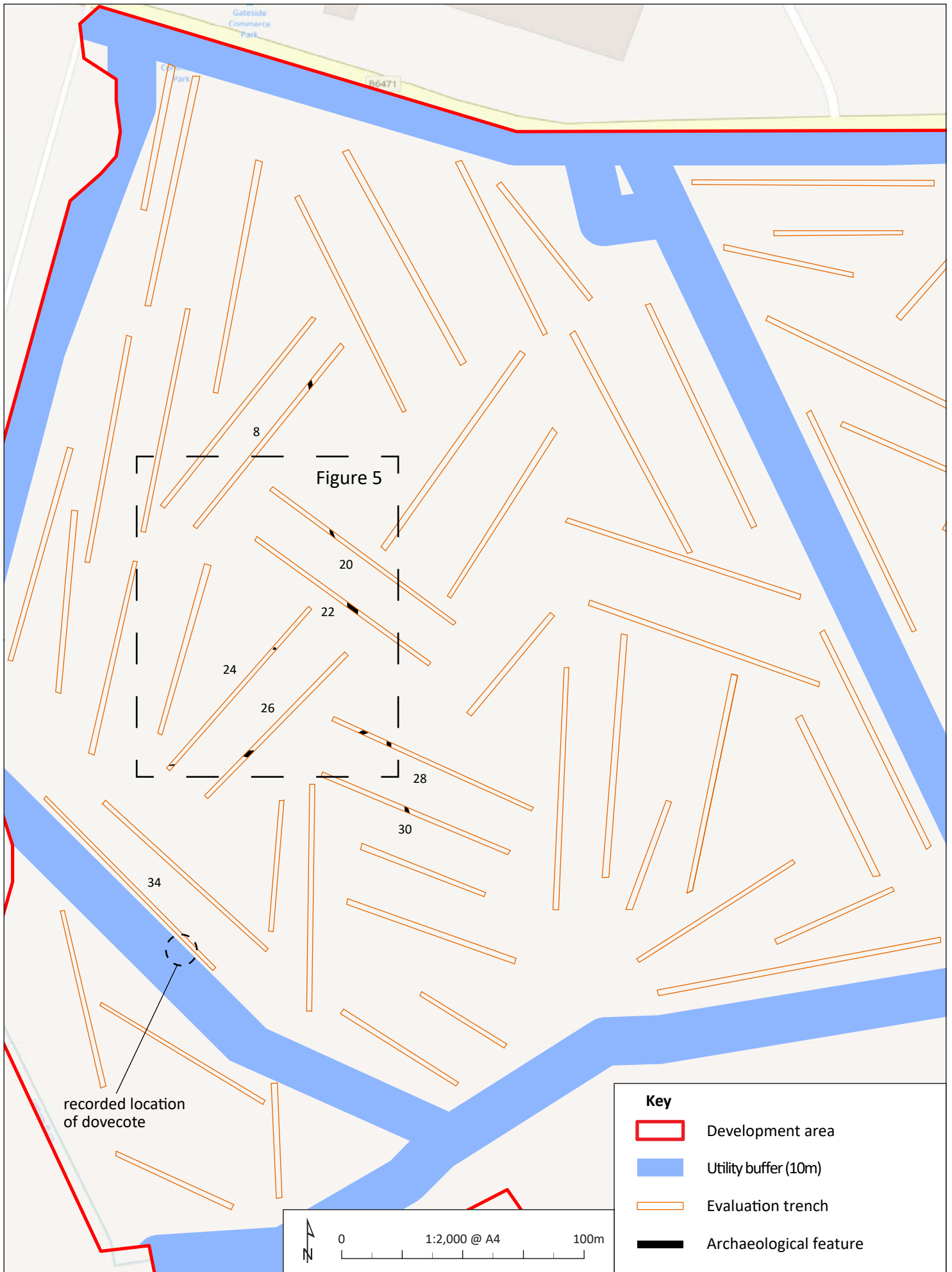


Figure 4: Field 1: Trenches 1 – 49 showing archaeological features identified

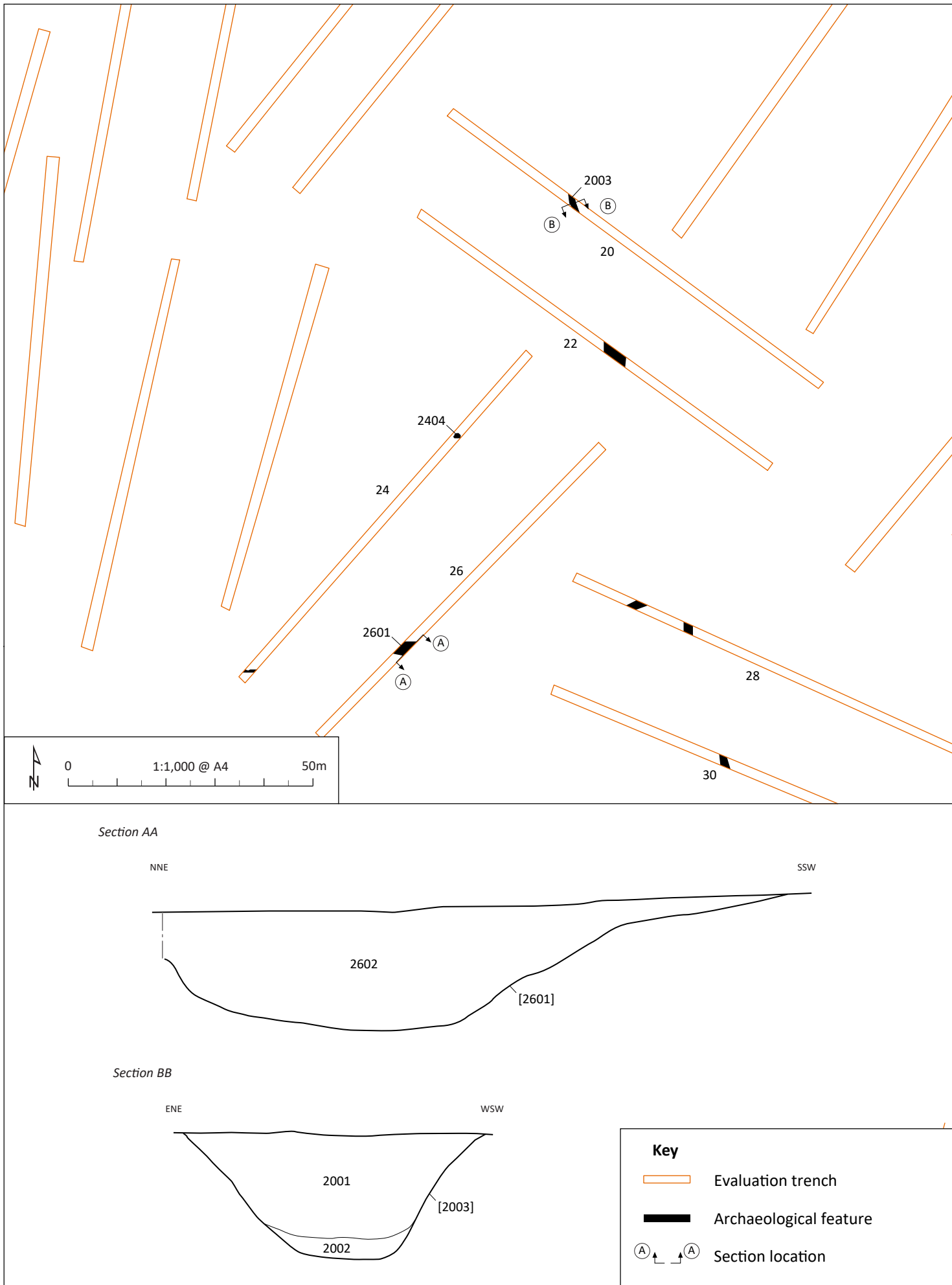


Figure 5: Sections and plans of linear features identified in Trenches 20, 22, 24 and 26

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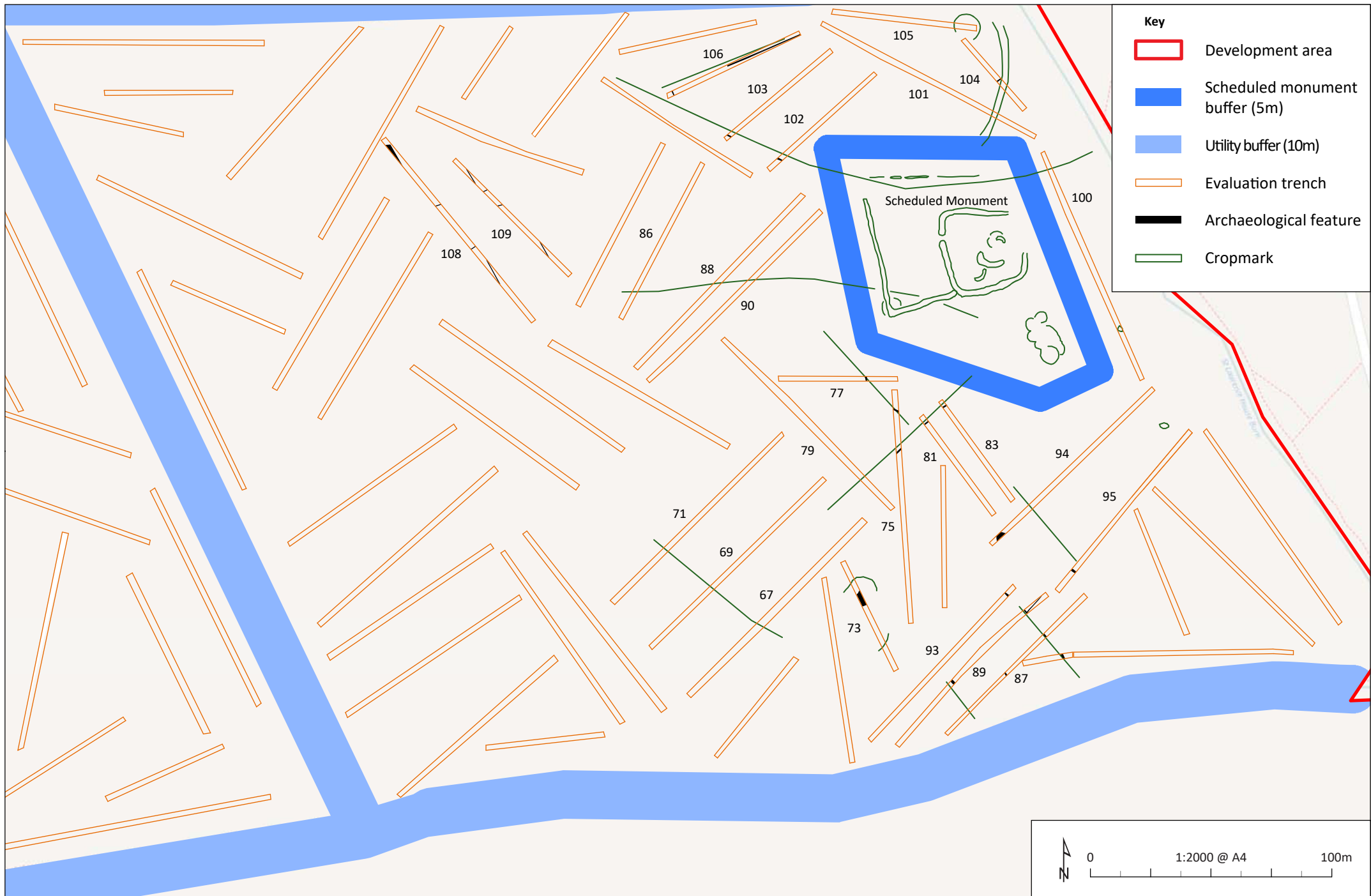


Figure 6: Field 2: Trenches 50 – 107

# **Letham Mains North, Haddington, Archaeological Evaluation: Data Structure Report**

## **Section 2: Appendices**

## APPENDIX 1: TRENCH DESCRIPTIONS

### Trench 1

Dimensions	60m x 2m
Orientation	N-S
Top-Soil	0.35m
Significant Features	None
Other Features	NW-SE rubble drain approximately 12m from N end; plough scarring in subsoil oriented NW-SE.
Subsoil	Compact mottled orange to brown sandy clay with small sandstone rock inclusions
Finds	None

### Trench 2

Dimensions	100m x 2m
Orientation	N-S
Top-Soil	0.35m – 0.55m
Significant Features	None
Other Features	Sub-rectangular pit 6m from N end and cut into topsoil, likely modern.
Subsoil	Compact mottled orange to brown sandy clay with small sandstone rock inclusions
Finds	None

### Trench 3

Dimensions	100m x 2m
Orientation	NW-SE
Top-Soil	0.30-0.40m
Significant Features	None
Other Features	Modern machine cut E-W field drain at 7m from SE end; N-S rubble field drain 15m from SE end.
Subsoil	Compact mottled orange to brown sandy clay with small sandstone rock inclusions
Finds	None

### Trench 4

Dimensions	100m x 2m
Orientation	NW-SE
Top-Soil	0.30m
Significant Features	None
Other Features	NNW-SSE plough scarring between 0-6m from SE end; E-W ceramic field drain at 20m from SE end.
Subsoil	Compact mottled orange to brown sandy clay with small sandstone rock inclusions
Finds	None

### Trench 5

Dimensions	100m x 2m
Orientation	N-S
Top-Soil	0.40 – 0.70m
Significant Features	None
Other Features	Plough scarring; alternating NW-SE oriented ceramic and rubble

	field drains at 5m, 7m, 20m, 30m and 80m.
Subsoil	Alternating bands of dark orange brown sandy clays and sands.
Finds	None
<b>Trench 6</b>	
Dimensions	100m x 2m
Orientation	NE-SW
Top-Soil	0.30m
Significant Features	At 2m, 10m, 17m and 23m are NW-SE oriented furrows approximately 2.2m wide and 0.05m deep comprising of a shallow, gradually sloping cut filled with mid greyish brown compact sandy clay.
Other Features	None
Subsoil	Compact mottled orange to brown sandy clay with small sandstone rock inclusions
Finds	None
<b>Trench 7</b>	
Dimensions	100m x 2m
Orientation	N-S
Top-Soil	0.40-0.60m
Significant Features	None
Other Features	Alternating ceramic and rubble field drains at 15m, 26m, 50m, 60m and 82m from S end
Subsoil	Compact mottled orange to brown sandy clay with small sandstone rock inclusions
Finds	None
<b>Trench 8</b>	
Dimensions	100m x 2m
Orientation	NE-SW
Top-Soil	0.30-0.40m
Significant Features	None
Other Features	15m from SW end is a linear cut, most likely for a drainage channel associated with the furrows in Trench 6 to the NW.
Subsoil	Compact mottled orange to brown sandy clay with small sandstone rock inclusions
Finds	None
<b>Trench 9</b>	
Dimensions	50m x 2m
Orientation	NW-SE
Top-Soil	0.60m
Significant Features	None
Other Features	E-W ceramic field drains at 4m and 32m from NW end; NE-SW rubble drains at 25-30m and 34m from NW end.
Subsoil	Compact mottled orange to brown sandy clay with small sandstone rock inclusions
Finds	None
<b>Trench 10</b>	
Dimensions	100m x 2m

Orientation	N-S
Top-Soil	0.30 – 0.40m
Significant Features	None
Other Features	None
Subsoil	Compact mottled orange to brown sandy clay with small sandstone rock inclusions
Finds	None

#### Trench 11

Dimensions	100m x 2m
Orientation	NW-SE
Top-Soil	0.40m – 0.50m
Significant Features	None
Other Features	Plough scarring approximately every 10m, E-W rubble drains at 45m, 60m and 85m from NW end; NE-SW ceramic field drain between 75m and 80m.
Subsoil	Compact mottled orange to brown sandy clay with small sandstone rock inclusions
Finds	None

#### Trench 12

Dimensions	100m x 2m
Orientation	N-S
Top-Soil	0.30m – 0.40m
Significant Features	None
Other Features	None
Subsoil	Compact mottled orange to brown sandy clay with small sandstone rock inclusions
Finds	None

#### Trench 13

Dimensions	100m x 2m
Orientation	NW-SE
Top-Soil	0.40 – 0.85m
Significant Features	None
Other Features	Alternating E-W rubble drains and N-S ceramic field drains approximately every 10m
Subsoil	Compact mottled orange to brown sandy clay with small sandstone rock inclusions
Finds	None

#### Trench 14

Dimensions	100m x 2m
Orientation	NNE-SSW
Top-Soil	0.30m - 0.40m
Significant Features	None
Other Features	NNW-SSE oriented field drain 12m from SSW end
Subsoil	Compact mottled orange to brown sandy clay with small sandstone rock inclusions
Finds	None

#### Trench 15



Dimensions	100m x 2m
Orientation	NE-SW
Top-Soil	0.30-0.50m
Significant Features	None
Other Features	NW-SE oriented ceramic field drains at 13m from NE end and then every 7-12m until 85m from NE end
Subsoil	Compact mottled orange to brown sandy clay with small sandstone rock inclusions
Finds	None

#### Trench 16

Dimensions	100m x 2m
Orientation	N-S
Top-Soil	0.30-0.50m
Significant Features	None
Other Features	None
Subsoil	Compact mottled orange to brown sandy clay with small sandstone rock inclusions
Finds	None

#### Trench 17

Dimensions	75m x 2m
Orientation	NE-SW
Top-Soil	0.30-0.90m
Significant Features	None
Other Features	E-W and NW-SE ceramic field drains every 5m and NE-SW rubble drains at 54m and 65m from SW end.
Subsoil	Dark yellowish brown silty sand changing to a mixed yellow and grey sand between 60 and 75m from SW end
Finds	None

#### Trench 18

Dimensions	100m x 2m
Orientation	N-S
Top-Soil	0.30-0.50m
Significant Features	None
Other Features	None
Subsoil	Compact mottled orange to brown sandy clay with small sandstone rock inclusions
Finds	None

#### Trench 19

Dimensions	100m x 2m
Orientation	NE-SW
Top-Soil	0.40-0.60m
Significant Features	None
Other Features	N-S ceramic field drains across trench between 20m and 89m from SW end.
Subsoil	Dark yellowish brown clayey sand with larger red and yellow sandstone rock inclusions
Finds	None

**Trench 20**

Dimensions	100m x 2m
Orientation	NW-SE
Top-Soil	0.35m – 0.40m
Significant Features	Linear ditch [2003] oriented NNW-SSE and continuing across Trench 22. Likely to be former field boundary as seen on previous OS mapping.
Other Features	N-S ceramic field drain at 65m from SE end
Subsoil	Compact mottled orange to brown sandy clay with small sandstone rock inclusions
Finds	Modern white glazed pottery sherd from lower fill (2002) of ditch [2003].

**Trench 21**

Dimensions	100m x 2m
Orientation	NW-SE
Top-Soil	0.35-0.45m
Significant Features	None
Other Features	E-W ceramic field drains at 12m and 33m from SE end and N-S oriented ceramic field drains at 47m, 70m, 75m, 85m and 93m from SE end. NNE-SSW rubble field drain at 6m from SE end.
Subsoil	Compact mottled orange to brown sandy clay with small sandstone rock inclusions
Finds	None

**Trench 22**

Dimensions	100m x 2m
Orientation	NW-SE
Top-Soil	0.35m
Significant Features	Linear ditch [2203] oriented NNW-SSE and continuing from Trench 20. Likely to be former field boundary as seen on previous OS mapping.
Other Features	None
Subsoil	Compact mottled orange to brown sandy clay with small sandstone rock inclusions
Finds	None

**Trench 23**

Dimensions	100m x 2m
Orientation	NNW-SSE
Top-Soil	0.30-0.45m
Significant Features	None
Other Features	NE-SW ceramic field drain at 40m and 90-903m from NNW end
Subsoil	Mid yellowish brown clayey sand changing to dark greyish brown sandy clay
Finds	None

**Trench 24**

Dimensions	100 x 2m
Orientation	NE-SW
Top-Soil	035m-0.40m

Significant Features	E-W linear cut [2401] likely to be a former field boundary and a sub-circular cut [2404] – WHAT’S THIS?
Other Features	None
Subsoil	Dark greyish black sandy clay with frequent medium sandstone rock inclusions
Finds	None
<b>Trench 25</b>	
Dimensions	75 x 2m
Orientation	NNW-SSE
Top-Soil	0.30-0.50m
Significant Features	None
Other Features	N-S ceramic field drain between 0-4m from SSE end and NE-SW ceramic field drains between 50-57m and 72-75m from SSE end.
Subsoil	Dark greyish black sandy clay with frequent medium sandstone rock inclusions
Finds	None
<b>Trench 26</b>	
Dimensions	100 x 2m
Orientation	NE-SW
Top-Soil	0.35-0.40m
Significant Features	E-W linear cut same as [2401] in Trench 24, likely to be former field boundary.
Other Features	None
Subsoil	Dark greyish black sandy clay with frequent medium sandstone rock inclusions
Finds	None
<b>Trench 27</b>	
Dimensions	100 x 2m
Orientation	NE-SW
Top-Soil	0.40-0.50m
Significant Features	None
Other Features	NW-SE ceramic field drains at 2m, 40m, 53m, 80m and E-W ceramic field drain at 85m from SW end.
Subsoil	Dark greyish black sandy clay with frequent medium sandstone rock inclusions
Finds	None
<b>Trench 28</b>	
Dimensions	100 x 2m
Orientation	NW-SE
Top-Soil	0.35-0.45m
Significant Features	NNE-SSW linear cut at 70m from SE end and likely to be a continuation of the former field boundary ditch as seen in trenches 20 and 22.
Other Features	None
Subsoil	Dark greyish black sandy clay with frequent medium sandstone rock inclusions
Finds	None

**Trench 29**

Dimensions	100 x 2m
Orientation	NE-SW
Top-Soil	0.35-0.50m
Significant Features	None
Other Features	N-S ceramic field drains between 24-27m and 82-85m from NE end and E-W ceramic field drain at 58m from NE end.
Subsoil	Dark greyish black sandy clay with frequent medium sandstone rock inclusions
Finds	None

**Trench 30**

Dimensions	100 x 2m
Orientation	NW-SE
Top-Soil	0.40m
Significant Features	Linear cut probably a continuation of [2003] as seen in trenches 20, 22 and 28. Likely to be a former field boundary as seen on previous OS mapping.
Other Features	None
Subsoil	Dark greyish black sandy clay with frequent medium sandstone rock inclusions
Finds	None

**Trench 31**

Dimensions	100 x 2m
Orientation	E-W
Top-Soil	0.80m
Significant Features	None
Other Features	N-S ceramic field drains every 6-8m cross the trench. One N-S rubble drain at 6m from W end.
Subsoil	Mid greyish brown sandy loam, water table starting to appear at approximately 1.2-1.4m in test pit area.
Finds	None

**Trench 32**

Dimensions	100 x 2m
Orientation	N-S
Top-Soil	0.40m
Significant Features	Linear cut at 95m from S end of trench, likely to be a continuation of [2401] boundary ditch as seen in trenches 24, 26 and 28.
Other Features	None
Subsoil	Dark greyish black sandy clay with frequent medium sandstone rock inclusions
Finds	None

**Trench 33**

Dimensions	50 x 2m
Orientation	NE-SW
Top-Soil	0.30m – 1.10m as you slope down towards Letham Burn
Significant Features	None

Other Features	Edge of test pit between 24 and 27m from E end dug for site investigation works.
Subsoil	Dark greyish brown sandy clay changing to yellow brown clayey sand between 35 and 40m from E end
Finds	None
<b>Trench 34</b>	
Dimensions	100 x 2m
Orientation	NW-SE
Top-Soil	0.35-0.40m
Significant Features	At 4m from SE end is a square cut pit or post-hole [3401] likely to be modern.
Other Features	None
Subsoil	Dark greyish black sandy clay with frequent medium sandstone rock inclusions
Finds	None
<b>Trench 35</b>	
Dimensions	75 x 2m
Orientation	NE-SW
Top-Soil	0.50-1.10m
Significant Features	None
Other Features	N-S ceramic field drains every 5-8m
Subsoil	Greyish brown clay changing to grey clayey sand at approximately 12m from NE end
Finds	None
<b>Trench 36</b>	
Dimensions	100 x 2m
Orientation	NW-SE
Top-Soil	0.40m
Significant Features	None
Other Features	None
Subsoil	Dark greyish black sandy clay with frequent medium sandstone rock inclusions
Finds	None
<b>Trench 37</b>	
Dimensions	50 x 2m
Orientation	NW-SE
Top-Soil	0.20-0.30m
Significant Features	None
Other Features	Plough scarring evident in subsoil; NE-SW rubble field drain at 32m from NW end; N-S ceramic field drains at 41.5m and 48m from NW end.
Subsoil	Mottled light brown to yellow orange clayey sand with some concentrated patches of manganese.
Finds	None
<b>Trench 38</b>	
Dimensions	75 x 2m
Orientation	NW-SE

Top-Soil	0.35m
Significant Features	None
Other Features	None
Subsoil	Dark greyish black sandy clay with frequent medium sandstone rock inclusions with 0.2m colluvium at SE end towards Letham Burn
Finds	None

**Trench 39**

Dimensions	50 x 2m
Orientation	NNW-SSE
Top-Soil	0.25-0.35m
Significant Features	None
Other Features	N-S ceramic field drain at 32m from NNW end
Subsoil	Hard reddish brown compact gravel between 0-2m changing to light orange brown clayey sand.
Finds	None

**Trench 40**

Dimensions	75 x 2m
Orientation	NW-SE
Top-Soil	0.35m
Significant Features	None
Other Features	None
Subsoil	Dark greyish brown sandy clay with frequent sandstone rock inclusions overlain by 0.30-0.40m colluvium at SE end of trench
Finds	None

**Trench 41**

Dimensions	75 x 2m
Orientation	NW-SE
Top-Soil	0.3-0.55m
Significant Features	None
Other Features	N-S ceramic field drains every 6-8m between 16m and 71m from SE end
Subsoil	Hard reddish brown compact gravel between 0-5m changing to light orange brown sand and gravel.
Finds	None

**Trench 42**

Dimensions	50 x 2m
Orientation	N-S
Top-Soil	0.30-0.50m
Significant Features	None
Other Features	NW-SE ceramic field drain every 10m between 9 and 42m from N end.
Subsoil	Dark greyish brown sandy clay with frequent sandstone rock inclusions
Finds	None

**Trench 43**

Dimensions	75 x 2m
Orientation	NNW-SSE
Top-Soil	0.25-0.40m
Significant Features	None
Other Features	NNE-SSW rubble drain 30m from NNW end
Subsoil	Mottled orange to brown sandy clay
Finds	None

**Trench 44**

Dimensions	50 x 2m
Orientation	NE-SW
Top-Soil	0.40m
Significant Features	None
Other Features	N-S ceramic field drains at 5.5m, 17.19m, 32m and 47m. N-S rubble drain at 13m from NE end.
Subsoil	Mottled orange to brown sandy clay
Finds	None

**Trench 45**

Dimensions	50 x 2m
Orientation	NW-SE
Top-Soil	0.25-0.30m
Significant Features	None
Other Features	None
Subsoil	Mottled orange to brown sandy clay
Finds	None

**Trench 46**

Dimensions	100 x 2m
Orientation	NNE-SSW
Top-Soil	0.40-0.50m
Significant Features	None
Other Features	Ceramic field drains predominantly on a NW-SE alignment every 10m
Subsoil	Mid yellow orange silty sand transitioning to dark grey sandy clay between 45 and 70m.
Finds	None

**Trench 47**

Dimensions	50 x 2m
Orientation	N-S
Top-Soil	0.20-0.30m
Significant Features	None
Other Features	NE-SW ceramic field drain 3m from SE end and NW-SE ceramic field drain at 60m from SE end.
Subsoil	Mottled orange to brown sandy clay
Finds	None

**Trench 48**

Dimensions	50 x 2m
Orientation	NE-SW
Top-Soil	0.40m

Significant Features	None
Other Features	N-S ceramic field drains at 27m and 37m from NE end
Subsoil	Alternating bands of yellow orange silty sand and dark greyish brown sandy clay
Finds	None

**Trench 49**

Dimensions	75 x 2m
Orientation	NW-SE
Top-Soil	0.40-0.45m
Significant Features	None
Other Features	E-W ceramic field drains at 12m, 16m, 22m and 66m from SE end. E-W rubble field drains at 32m and 42m from SE end.
Subsoil	Mottled orange to brown sandy clay
Finds	None

**Trench 50**

Dimensions	100 x 2m
Orientation	NW-SE
Top-Soil	0.30-0.40m
Significant Features	None
Other Features	E-W ceramic field drain at 10m from S end and edge of trial pit from SI works between 50-53m from S end.
Subsoil	Alternating bands of yellow orange silty sand and dark greyish brown sandy clay
Finds	None

**Trench 51**

Dimensions	100 x 2m
Orientation	E-W
Top-Soil	0.35-0.40m
Significant Features	None
Other Features	Ceramic field drain at 90m from W end
Subsoil	Alternating bands of yellow orange silty sand and dark greyish brown sandy clay
Finds	None

**Trench 52**

Dimensions	50 x 2m
Orientation	E-W
Top-Soil	0.35-0.40m
Significant Features	None
Other Features	NE-SW rubble field drain at 28m from E end
Subsoil	Alternating bands of yellow orange sand and dark greyish brown sandy clay
Finds	None

**Trench 53**

Dimensions	50 x 2m
Orientation	NW-SE
Top-Soil	0.40m
Significant Features	None



Other Features	None
Subsoil	Alternating bands of yellow orange sand and dark greyish brown sandy clay
Finds	None
<b>Trench 54</b>	
Dimensions	85 x 2m
Orientation	NE-SW
Top-Soil	0.40-0.50m
Significant Features	None
Other Features	N-S ceramic field drains between 3-5m and at 22m from SW end; NW-SE rubble field drain at 22m and corner of test pit for SI works at 18m from SW end.
Subsoil	Alternating bands of yellow orange sand and dark greyish brown sandy clay
Finds	None
<b>Trench 55</b>	
Dimensions	100 x 2m
Orientation	NE-SW
Top-Soil	0.60m
Significant Features	None
Other Features	NW-SE ceramic field drains every 10m between 22m and 62m from NE end. N-S rubble drain between 57-59m from NE end.
Subsoil	Very compact orange sandy clay with numerous fragments of shattered sandstone.
Finds	None
<b>Trench 56</b>	
Dimensions	100 x 2m
Orientation	NW-SE
Top-Soil	0.40-0.50m
Significant Features	None
Other Features	NE-SW rubble drain at 8.5m from SE end; ceramic field drains at various alignments at 15m, 24.5m, 68m, 82m and 92m from SE end.
Subsoil	Very compact orange sandy clay with numerous fragments of shattered sandstone.
Finds	None
<b>Trench 57</b>	
Dimensions	75 x 2m
Orientation	NNW-SSE
Top-Soil	0.30-0.35m
Significant Features	None
Other Features	E-W rubble drain at 27.5m and 56m from S end; NW-SE ceramic field drains at 60m and between 63 and 68m from S end.
Subsoil	Light orange brown sandy clay with frequent small manganese and sandstone inclusions.
Finds	None

**Trench 58**

Dimensions	50 x 2m
Orientation	NW-SE
Top-Soil	0.25-0.40m
Significant Features	None
Other Features	Numerous plough scars in subsoil and stone drains; E-W ceramic field drain at 80m from NW end
Subsoil	Very compact orange sandy clay with numerous fragments of shattered sandstone.
Finds	White ceramic

**Trench 59**

Dimensions	100 x 2m
Orientation	NE-SW
Top-Soil	0.25-0.40m
Significant Features	None
Other Features	None
Subsoil	Very compact orange sandy clay with numerous fragments of shattered sandstone.
Finds	White ceramic

**Trench 60**

Dimensions	100 x 2m
Orientation	NE-SW
Top-Soil	0.40m
Significant Features	None
Other Features	E-W ceramic field drain at 15m from NE end
Subsoil	Very compact orange brown boulder clay
Finds	None

**Trench 61**

Dimensions	100 x 2m
Orientation	NW-SE
Top-Soil	0.35m
Significant Features	None
Other Features	Numerous stoneholes
Subsoil	Very compact orange sandy clay with numerous fragments of shattered sandstone.
Finds	White ceramic in topsoil

**Trench 62**

Dimensions	100 x 2m
Orientation	NW-SE
Top-Soil	0.35-0.45m
Significant Features	None
Other Features	E-W ceramic field drains at 5m intervals
Subsoil	Very compact orange sandy clay with numerous fragments of shattered sandstone.
Finds	White ceramic in topsoil

**Trench 63**

Dimensions	100 x 2m
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Orientation	NE-SW
Top-Soil	0.40m
Significant Features	None
Other Features	E-W ceramic field drains at 5m intervals
Subsoil	Very compact orange sandy clay with numerous fragments of shattered sandstone.
Finds	White ceramic in topsoil

**Trench 64**

Dimensions	100 x 2m
Orientation	NE-SW
Top-Soil	0.40-0.45m
Significant Features	None
Other Features	E-W ceramic field drains at 5m intervals
Subsoil	Very compact orange sandy clay with numerous fragments of shattered sandstone.
Finds	White ceramic in topsoil

**Trench 65**

Dimensions	100 x 2m
Orientation	NW-SE
Top-Soil	0.35m
Significant Features	None
Other Features	E-W plough scarring evident in subsoil
Subsoil	Very compact orange sandy clay with numerous fragments of shattered sandstone.
Finds	None

**Trench 66**

Dimensions	100 x 2m
Orientation	NE-SW
Top-Soil	0.30-0.45m
Significant Features	None
Other Features	None
Subsoil	Compact orange boulder clay with numerous sandstone fragments
Finds	None

**Trench 67**

Dimensions	CROPMARK TRENCH 100 x 2m
Orientation	NE-SW
Top-Soil	0.40m
Significant Features	None
Other Features	N-S ceramic field drains at 11m, 14m, 28m, 38m and 45m; N-S rubble drain between 23 and 25m and at 41m.
Subsoil	Very compact orange sandy clay with numerous fragments of shattered sandstone.
Finds	None

**Trench 68**

Dimensions	100 x 2m
Orientation	NE-SW
Top-Soil	0.40m

Significant Features	None
Other Features	None
Subsoil	Compact orange boulder clay with numerous sandstone fragments
Finds	White ceramic in topsoil
<b>Trench 69</b>	<b>CROPMARK TRENCH</b>
Dimensions	100 x 2m
Orientation	NE-SW
Top-Soil	0.35-0.40m
Significant Features	None
Other Features	N-S ceramic field drain at 22m
Subsoil	Compact orange boulder clay with numerous sandstone fragments
Finds	None
<b>Trench 70</b>	
Dimensions	100 x 2m
Orientation	NE-SW
Top-Soil	0.30-0.55m
Significant Features	None
Other Features	None
Subsoil	Compact orange boulder clay with numerous sandstone fragments
Finds	Occasional white ceramic in topsoil
<b>Trench 71</b>	
Dimensions	100 x 2m
Orientation	NE-SW
Top-Soil	0.40m
Significant Features	None
Other Features	Plough scarring evident in subsoil between 45 and 60m from NE end; ceramic field drains at XXm and XXm
Subsoil	Compact orange boulder clay with numerous sandstone fragments
Finds	None
<b>Trench 72</b>	
Dimensions	100 x 2m
Orientation	NW-SE
Top-Soil	0.40m
Significant Features	None
Other Features	None
Subsoil	Compact orange brown sandy clay
Finds	None
<b>Trench 73</b>	<b>CROPMARK TRENCH</b>
Dimensions	50 x 2m
Orientation	NW-SE
Top-Soil	0.40-0.45m
Significant Features	None
Other Features	Sharp change in subsoil in cropmark area, sandy band at NW end of trench
Subsoil	Reddish brown sandy gravel changing to yellowish brown sand
Finds	None

**Trench 74**

Dimensions	50 x 2m
Orientation	E-W
Top-Soil	0.40m
Significant Features	None
Other Features	None
Subsoil	Compact orange boulder clay with numerous sandstone fragments
Finds	None

**Trench 75**

	CROPMARK TRENCH
Dimensions	100 x 2m
Orientation	N-S
Top-Soil	0.40m
Significant Features	None
Other Features	Sharp change in subsoil in cropmark area, sandy band at NW end of trench; ceramic field drain at 28m from S end; rubble drain in cropmark area
Subsoil	Compact orange boulder clay with numerous sandstone fragments
Finds	None

**Trench 76**

Dimensions	30 x 2m
Orientation	NE-SW
Top-Soil	0.40m
Significant Features	None
Other Features	None
Subsoil	Compact sandy clay overlain by 0.20m red brown colluvium
Finds	None

**Trench 77**

	CROPMARK TRENCH
Dimensions	50 x 2m
Orientation	E-W
Top-Soil	0.35-0.40m
Significant Features	None
Other Features	Rubble drains in cropmark area
Subsoil	Very compact orange sandy clay with numerous fragments of shattered sandstone.
Finds	None

**Trench 78**

Dimensions	75 x 2m
Orientation	NW-SE
Top-Soil	0.40m
Significant Features	None
Other Features	NW-SE ceramic field drains at 5m intervals
Subsoil	Compact sandy pale orange clay with numerous stone holes and plough marks
Finds	Occasional white ceramic in topsoil

**Trench 79**

	CROPMARK TRENCH
Dimensions	100 x 2m
Orientation	NW-SE

Top-Soil	0.40m
Significant Features	None
Other Features	Rubble drain at cropmark area
Subsoil	Mid to dark orange brown sandy clay
Finds	None
<b>Trench 80</b>	
Dimensions	75 x 2m
Orientation	NE-SW
Top-Soil	0.40m
Significant Features	None
Other Features	N-S deep cut ceramic field drains at 5m intervals; NW-SE drain at 30m.
Subsoil	Compact sandy pale orange clay with numerous stone holes and plough marks
Finds	None
<b>Trench 81</b>	
Dimensions	50 x 2m
Orientation	NW-SE
Top-Soil	0.40m
Significant Features	None
Other Features	NE-SW rubble drain between 4 and 5m from NW end
Subsoil	Very compact orange sandy clay with numerous fragments of shattered sandstone.
Finds	None
<b>Trench 82</b>	
Dimensions	75 x 2m
Orientation	NW-SE
Top-Soil	0.35-0.40m
Significant Features	None
Other Features	NE-SW ceramic field drains at 5m intervals
Subsoil	Compact sandy pale orange clay with numerous stone holes and plough marks
Finds	None
<b>Trench 83</b>	
Dimensions	50 x 2m
Orientation	NW-SE
Top-Soil	0.40m
Significant Features	None
Other Features	NE-SW rubble drain between 4 and 5m from NW end
Subsoil	Compact sandy pale orange clay with numerous stone holes and plough marks
Finds	None
<b>Trench 84</b>	
Dimensions	100 x 2m
Orientation	NE-SW
Top-Soil	0.45m
Significant Features	None

Other Features	Deep cut E-W ceramic field drains at 5m intervals
Subsoil	Compact sandy pale orange clay with numerous stone holes and plough marks
Finds	None

**Trench 85**

Dimensions	50 x 2m
Orientation	N-S
Top-Soil	0.40m
Significant Features	None
Other Features	None
Subsoil	Compact sandy pale orange clay with numerous stone holes and plough marks
Finds	None

**Trench 86**

Dimensions	100 x 2m
Orientation	NE-SW
Top-Soil	0.40m
Significant Features	None
Other Features	None
Subsoil	Compact sandy pale orange clay with numerous stone holes and plough marks
Finds	None

**Trench 87**

Dimensions	100 x 2m
Orientation	NE-SW
Top-Soil	0.40-0.60m
Significant Features	None
Other Features	N-S rubble drains at 65m from NE end and over cropmark area. N-S linear drain cut at 23m from NE end
Subsoil	Bright orange clayey sand with frequent sandstone fragments overlain by 0.15m of dark reddish brown clay colluvium
Finds	None

**Trench 88**

Dimensions	100 x 2m
Orientation	NE-SW
Top-Soil	0.40-0.50m
Significant Features	None
Other Features	E-W ceramic field drains at 5m intervals
Subsoil	Compact sandy pale orange clay with numerous stone holes and plough marks
Finds	None

**Trench 89**

Dimensions	100 x 2m
Orientation	NE-SW
Top-Soil	0.30-0.45m
Significant Features	None
Other Features	N-S ceramic field drains at 3m, 56m and 80m from SW end; N-S

rubble drain at 30m from SW end  
 Subsoil Compact sandy pale orange clay with numerous stone holes and plough marks  
 Finds Modern glass fragments in topsoil

**Trench 90**

Dimensions 100 x 2m  
 Orientation NE-SW  
 Top-Soil 0.40m  
 Significant Features None  
 Other Features Cropmark feature likely to be a change in the natural; E-W ceramic field drains at 5m intervals  
 Subsoil Very stony orange brown sandy clay  
 Finds White ceramic in topsoil

**Trench 91**

Dimensions 100 x 2m  
 Orientation NE-SW  
 Top-Soil 0.30-0.40m  
 Significant Features None  
 Other Features N-S rubble field drain at 46m from SW end  
 Subsoil Very compact orange sandy clay with numerous fragments of shattered sandstone.  
 Finds None

**Trench 92**

Dimensions 100 x 2m  
 Orientation SE-NW  
 Top-Soil 0.40m  
 Significant Features None  
 Other Features Cropmark feature likely to be a change in the natural; E-W ceramic field drains at 5m intervals  
 Subsoil Very stony orange brown sandy clay  
 Finds Occasional white ceramic in topsoil

**Trench 93**

Dimensions 100 x 2m  
 Orientation NE-SW  
 Top-Soil 0.40m  
 Significant Features None  
 Other Features NE-SW ceramic field drain at 6.5m and 19m from SW end  
 Subsoil Very stony orange brown sandy clay  
 Finds None

**Trench 94**

Dimensions 100 x 2m  
 Orientation NE-SW  
 Top-Soil 0.30m  
 Significant Features None  
 Other Features E-W plough scarring evident in subsoil; E-W ceramic field drains at 63m, 66, 70m and 85m from SW end  
 Subsoil Pinkish brown gravel changing to compact orange brown sandy clay



Finds	None
<b>Trench 95</b>	
Dimensions	100 x 2m
Orientation	NE-SW
Top-Soil	0.40-0.45m
Significant Features	None
Other Features	N-S ceramic field drain at 62m and 68m from NE end
Subsoil	Alternating bands of reddish brown gravels and light yellowish brown sands
Finds	Medieval white gritty ware ceramic sherd in topsoil
<b>Trench 96</b>	
Dimensions	100 x 2m
Orientation	E-W
Top-Soil	0.45-0.50m
Significant Features	None
Other Features	Frequent N-S plough scarring evident in subsoil
Subsoil	Bright orange clayey sand with frequent manganese fragments overlain by 0.15m of colluvium
Finds	Medieval white gritty ware ceramic sherd in topsoil
<b>Trench 97</b>	
Dimensions	100 x 2m
Orientation	NNW-SSE
Top-Soil	0.35-0.40m
Significant Features	None
Other Features	N-S ceramic field drain at 25m from SSE end
Subsoil	Alternating bands of reddish brown gravels and light yellowish brown sandy clay
Finds	White ceramic and clay tobacco pipe stem in topsoil
<b>Trench 98</b>	
Dimensions	100 x 2m
Orientation	NNE-SSW
Top-Soil	0.30m
Significant Features	None
Other Features	N-S rubble drain between 13 and 18m from SSW end
Subsoil	Light yellowish orange sandy gravel overlain by 0.10m of reddish brown clay colluvium
Finds	Slag fragment in topsoil
<b>Trench 99</b>	
Dimensions	50 x 2m
Orientation	N-S
Top-Soil	0.30m
Significant Features	None
Other Features	N-S ceramic field drain between 15m and 35m from NE end
Subsoil	Mid yellowish brown sands and reddish brown gravels
Finds	Slag fragment in topsoil/colluvium?
<b>Trench 100</b>	<b>CROPMARK TRENCH</b>

Dimensions	100 x 2m
Orientation	N-S
Top-Soil	0.50-0.60m
Significant Features	None
Other Features	E-W ceramic field drains at 1m, 29m, 26m, 36m, 50m and 62m from S end
Subsoil	Mid reddish brown sandy clay
Finds	Clay tobacco pipe stem in topsoil
<b>Trench 101</b>	<b>CROPMARK TRENCH</b>
Dimensions	100 x 2m
Orientation	NW-SE
Top-Soil	0.40m
Significant Features	None
Other Features	Cropmark feature likely to be change in subsoil
Subsoil	Alternating bands of reddish brown gravels and light yellowish brown sands
Finds	None
<b>Trench 102</b>	
Dimensions	50 x 2m
Orientation	NE-SW
Top-Soil	0.35m
Significant Features	None
Other Features	None
Subsoil	Light yellowish brown sandy clay
Finds	None
<b>Trench 103</b>	
Dimensions	50 x 2m
Orientation	NE-SW
Top-Soil	0.35m
Significant Features	None
Other Features	None
Subsoil	Light yellowish brown sandy clay
Finds	None
<b>Trench 104</b>	
Dimensions	50 x 2m
Orientation	NW-SE
Top-Soil	0.55-0.70m
Significant Features	None
Other Features	E-W ceramic field drains at 2m and 20m from NW end; E-W rubble drain at 18m and 22m from NW end
Subsoil	Compact dark orange brown sandy clay
Finds	None
<b>Trench 105</b>	
Dimensions	50 x 2m
Orientation	WNW-ENE
Top-Soil	0.35m
Significant Features	None

Other Features	None
Subsoil	Compact dark orange brown sandy clay
Finds	None

#### Trench 106

Dimensions	50 x 2m
Orientation	NE-SW
Top-Soil	0.35m
Significant Features	None
Other Features	Rubble drain along NW edge of trench
Subsoil	Bright orange brown sandy clay
Finds	None

#### Trench 107

Dimensions	50 x 2m
Orientation	NE-SW
Top-Soil	0.40m
Significant Features	None
Other Features	None
Subsoil	Bright orange brown sandy clay
Finds	None

#### Trench 108

Dimensions	100 x 2m
Orientation	NNW-SSE
Top-Soil	0.40m
Significant Features	None
Other Features	N-S ceramic field drain at 22m and 28m from SSE end
Subsoil	Bright orange brown sandy clay
Finds	None

#### Trench 109

Dimensions	75 x 2m
Orientation	NW-SE
Top-Soil	0.30m
Significant Features	None
Other Features	None
Subsoil	Bright orange brown sandy clay
Finds	None

## APPENDIX 2: CONTEXT REGISTER

Context No.	Context Type	Trench	Description and Interpretation
(2001)	Deposit	20	Grey silty clay 0.08m 1.2m (W)x 0.08m (D) <b>Upper fill of linear ditch [2003]</b>
(2002)	Deposit	20	Mid-brown compact sandy clay 1.2m (W) x 0.42m (D) <b>Lower fill of linear ditch [2003]</b>
[2003]	Cut	20	NNW-SSE linear cut 1.2m (W) x 0.5m (D), steep sided with concave base <b>Ditch – possible former field boundary</b>
[2401]	Cut	24	E-W oriented linear cut, steep-sided with a flat base 2.2m (W) x 0.52m (D) <b>Ditch – possible former field boundary</b>
(2402)	Deposit	24	Mid-greyish brown compact sandy clay with occasional gravel inclusions measuring 2.2m (W) x 0.52m (D) <b>Fill of linear cut [2401]</b>
(2403)	Deposit	24	Mid-greyish brown, compact sandy clay with occasional modern white ceramic sherds, 1.2m (W) x 0.28m (D) <b>Fill of pit [2404]</b>
[2404]	Cut	24	Sub-circular cut 1.2m (W) x 0.28m (D) <b>Cut of pit, likely modern in date</b>
[2601]	Cut	26	E-W oriented linear cut, gently sloping sides changing to steep-sided with a flat base 2.5m (W) x 0.40m (D) <b>Ditch – possible former field boundary</b>
(2602)	Deposit	26	Mid-greyish brown compact sandy clay with occasional gravel inclusions measuring 2.5m (W) x 0.40m (D) <b>Fill of linear cut [2601]</b>

## APPENDIX 3: PHOTOGRAPHIC REGISTER

### Digital Camera 1

Frame	Area	Description	From
1	-	Site Registration shot	-
2	T1	Post excavation shot	N
3	T1	Post excavation shot	N
4	T1	Post excavation shot	N
5	T2	Sub-rectangular modern cut in topsoil	E
6	T2	Post excavation shot	N
7	T3	Post excavation shot	S
8	T3	Linear cut NW-SE	N
9	T3	E-facing section of 0.5m slot through linear	E
10	T3	E-facing section of 0.5m slot through linear	E
11	T3	E-facing section of 0.5m slot through linear of modern drainage ditch	E
12	T3	E-facing section of 0.5m slot through linear of modern drainage ditch	E
13	T5	Post excavation shot	S
14	T4	Post excavation shot	S
15	T9	Post excavation shot	SE
16	T11	Post excavation shot	S
17	T7	Post excavation shot	SE

Frame	Area	Description	From
18	T4	Post excavation shot	NE
19	T6	Post excavation shot	NE
20	T18	Post excavation shot	S
21	T8	Linear cut associated with furrows seen in T10	SE
22-23	T10	Plough furrows	NW
24	T10	Post excavation shot	S
25	T12	Post excavation shot	S
26	T14	Post excavation shot	SSW
27	T16	Post excavation shot	N
28	T13	Post excavation shot	N
29	T15	Post excavation shot	N
30	T17	Post excavation shot	N
31	T19	Post excavation shot	SE
32	T21	Post excavation shot	SE
33	T23	Post excavation shot	SSE
34	T25	Post excavation shot	SSE
35	T27	Post excavation shot	NW
36	T18	Post excavation shot	N
37	T20	Post excavation shot	NW
38	T20	Linear ditch [2003]	N
39	T22	Post excavation shot	NW
40	T24	Post excavation shot	NE
41	T24	Post-excavation shot of pit [2404]	SW
42	T24	Post excavation shot of linear ditch [2401]	W
43	T34	Modern pit/post-hole cut into subsoil	S
44	T39	Post excavation shot	NNW
45	T37	Post excavation shot	SE
46	T41	Post excavation shot	NW
47	T43	Post excavation shot	NW
48	T41	Post excavation shot	NW
49	T43	Post excavation shot	NW
50	T43	Post excavation shot	SE
51	T44	Post excavation shot	S
52	T46	Post excavation shot	SSW
53	T42	Post excavation shot	S
54	T48	Post excavation shot	SE
55	-	Condition survey of opening in stone wall field boundary	W
56	-	Condition survey of opening in stone wall field boundary	W
57	T46	Post excavation shot	N
58	T47	Post excavation shot	N
59	T45	Post excavation shot	NE
60	T26	WSW facing section of linear [2601]	WSW
61	T26	WSW facing section of linear [2601]	WSW
62-64	T26	Post excavation of slot through [2601]	VAR
65	T55	Post excavation shot	SW
66	T54	Post excavation shot	NE
67	T51	Post excavation shot	E
68	T52	Post excavation shot	E
69	T53	Post excavation shot	ESE
70	T50	Post excavation shot	NW
71	T50	Curvilinear feature – animal burrow	NW
72	T58	Post excavation shot	SE
73	T59	Post excavation shot	NE
74	T60	Post excavation shot	SW
75	T61	Post excavation shot	SE
76	T62	Post excavation shot	SE

Frame	Area	Description	From
77	T63	Post excavation shot	NE
78	T64	Post excavation shot	SW
79	T65	Post excavation shot	
80	T66	Post excavation shot	NE
81	T68	Post excavation shot	SW
82	T70	Post excavation shot	NE
83	T72	Post excavation shot	NW
84	T74	Post excavation shot	W
85	T76	Post excavation shot	NE
86	T78	Post excavation shot	SE
87	T80	Post excavation shot	NE
88	T82	Post excavation shot	SE
89	T84	Post excavation shot	SW
90	T86	Post excavation shot	NE
91	T88	Post excavation shot	SW
92	T89	Post excavation shot	NE
93	T87	Post excavation shot	NE
94	T93	Post excavation shot	NE
95	T71	Post excavation shot	NE
96	T69	Post excavation shot	NE
97	T67	Post excavation shot	NE
98	T73	Post excavation shot	NNW
99	T57	Post excavation shot	N
100	T91	Post excavation shot	NW
101	T85	Post excavation shot	N
102	T83	Post excavation shot	NW
103	T81	Post excavation shot	NW
104	T75	Post excavation shot	N
105	T77	Post excavation shot	W
106	T79	Post excavation shot	NW
107	T92	Post excavation shot	NW
108	T94	Post excavation shot	NE
109	T95	Post excavation shot	W
110	T96	Post excavation shot	NNW
111	T97	Post excavation shot	NW
112	T98	Post excavation shot	SE
113	T99	Post excavation shot	N
114	T100	Post excavation shot	SSE
115	T100	Post excavation shot	NNW
116	-	Shot of trench plan sheets	-
117	-	Shot of trench plan sheets	-
118	-	Shot of trench plan sheets	-
119	-	Shot of trench plan sheets	-
120	-	Shot of trench plan sheets	-
121	T104	Post excavation shot	SE
122	T104	Rubble drain and ceramic drain – Linear cropmark cause?	SE
123	T104	Post excavation shot	SE
124	T104	Post excavation shot	SE
125	T105	Post excavation shot	NW
126	T106	Post excavation shot	NW
127	T107	Post excavation shot	NW
128	T108	Post excavation shot	N
129	T109	Post excavation shot	SE
130	T73	Sharp change in the natural from sand to gravel at location of recorded cropmark	SE
131	T73	Sharp change in the natural from sand to gravel at location	NW

Frame	Area	Description	From
		of recorded cropmark	
132	T89	Rubble drain at location of NE cropmark	SW
133	T89	Rubble drain at location of NE cropmark	SW
134	T89	Rubble drain at location of SW cropmark	SW
135	T89	SE facing section of rubble drain	SE
136	T89	SE facing section of rubble drain	SE
137	T89	Rubble drain at location of NE cropmark	SW
138	T87	Rubble drain at location of NE cropmark	SW
139	T87	NW facing section of linear rubble drain at NE end	SW
140	T87	NW facing section of linear rubble drain at NE end	SW
141	T101	Sharp change in the natural at location of cropmark	SE
142	T96	Rubble drain at location of linear cropmark	NE
143	T96	S facing section showing rubble drain	S
144	T96	S facing section showing rubble drain	S
145	T83	Rubble drain at location of linear cropmark	SE
146	T81	Rubble drain at location of linear cropmark	NW
147	T75	Rubble drain also in T81 and T83 at location of cropmark	N
148	T102	Rubble drain at location of linear cropmark	W
149	T103	Rubble drain at location of linear cropmark	NW

**APPENDIX 4: DRAWING REGISTER**

Drawing No.	Area	Feature No.	Details	Scale
1	Trench 3	[301]	E Facing section of E-W linear ditch	1:10
2	Trench 3	[301]	Plan of E-W linear ditch	1:20
3	Trench 20	[2003]	NNW facing section of linear ditch	1:10
4	Trench 24	[2401]	E facing section of linear ditch	1:10
5	Trench 24	[2404]	Quadrant slot – SE/SW facing section of pit	1:10
6	Trench 26	[2601]	NNW facing section of linear ditch	1:20

**APPENDIX 5: SAMPLE REGISTER**

Context No.	Area	Quantity (litres)
(2602)	Trench 26	20L

**APPENDIX 6: SMALL FINDS REGISTER**

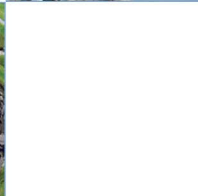
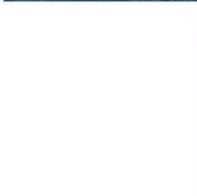
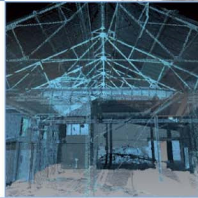
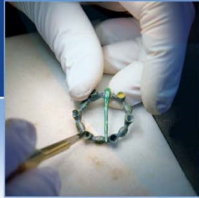
No.	Context	Description	Material Code
01	(3002)	1 modern ceramic sherd	Ce
02	(2402)	2 modern green glass sherds	Gl
03	Trench 95	2 body sherds of medieval white gritty ware in topsoil	Ce
04	Trench 99	2 fragments of metal slag in topsoil	Slag
05	Trench 99	1 rim sherd in topsoil	Ce

**APPENDIX 7: 'Discovery and Excavation in Scotland' Report**



<b>LOCAL AUTHORITY:</b>	East Lothian Council
<b>PROJECT TITLE/SITE NAME</b>	Letham Mains, North
<b>PROJECT CODE:</b>	23147
<b>PARISH:</b>	Haddington
<b>NAME OF CONTRIBUTOR:</b>	Genevieve Shaw
<b>NAME OF ORGANISATION:</b>	AOC Archaeology Group
<b>TYPE(S) OF PROJECT:</b>	Evaluation
<b>NMRS NO(S)</b>	N/A
<b>SITE/MONUMENT TYPE(S):</b>	N/A
<b>SIGNIFICANT FINDS:</b>	N/A
<b>NGR (2 letters, 6 figures)</b>	NT271760
<b>START DATE</b> (this season)	18 <sup>th</sup> May 2017
<b>END DATE</b> (this season)	19 <sup>th</sup> May 2017
<b>PREVIOUS WORK</b> (incl. DES ref.)	None
<b>MAIN (NARRATIVE) DESCRIPTION:</b> (May include information from other fields)	<p>AOC Archaeology was commissioned by Gleeds Cost Management on behalf of their clients to undertake a programme of works comprising an archaeological evaluation of land at Letham Mains North, Haddington, East Lothian.</p> <p>East Lothian Council Archaeology Service required a 10% archaeological evaluation of the c.23.1 ha development area due to the presence of Scheduled Monument SM 6394, a sub-rectangular enclosure (or enclosures) with possible settlement remains within. Surrounding the Scheduled Monument is a larger area that includes other, less distinct, cropmarks including possible linears, rings and arcs which might represent unenclosed prehistoric roundhouses, possible pits and trackways. As well as the high prehistoric potential the location of a now demolished 18<sup>th</sup> century dovecote associated with nearby Letham House is recorded within the proposed development area.</p> <p>The evaluation covered a 10% sample of the development area with restrictions placed on the area available due to buffers for overhead services and a public footpath bordering the land. The development area is currently under arable crop with the Scheduled Area most recently under a potato crop.</p> <p>A number of the evaluation trenches targeted the recorded cropmarks surrounding the Scheduled Monument area and the recorded location of the now demolished dovecote. The remaining trenches were spaced out across the development area. A total of 9,165 linear metres were evaluated.</p> <p>The results of the targeted cropmark trenches showed that all the linear cropmarks were caused by rubble drains with the majority draining into Letham Burn which ran along the southern extent of the site. Some of the ring or curvilinear cropmarks were caused by sharp changes in the subsoil going from gravels to sands. The targeted trench over the recorded location of the dovecote did not find any structural remains relating to this building or its demolition.</p> <p>The remains of two large linear ditches were noted in the west of the</p>

	development area likely to be former field boundaries observed on previous Ordnance Survey mapping. 19 <sup>th</sup> /20 <sup>th</sup> century glass and ceramics were found in the lower fills.
<b>PROPOSED FUTURE WORK:</b>	Archaeological watching brief and, if significant archaeological remains are encountered, that an archaeological excavation be undertaken.
<b>CAPTION(S) FOR ILLUSTRS:</b>	N/A
<b>SPONSOR OR FUNDING BODY:</b>	Gleeds Cost Management
<b>ADDRESS OF MAIN CONTRIBUTOR:</b>	AOC Archaeology Group
<b>EMAIL ADDRESS:</b>	Admin@aocarchaeology.com
<b>ARCHIVE LOCATION</b> (intended/deposited)	NMRS



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