

# Land South of 33 Stannington Station Road *Stannington, Northumberland*

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*Archaeological Evaluation: August 2018*

*for*

Brad Holbrook

*August 2018*



*Excavating the trenches*

## Addyman Archaeology

Archaeology   Heritage Consultancy   Architecture

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# Land South of 33 Stannington Station Road

## Stannington, Northumberland

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### *Archaeological Evaluation : August 2018*

*Job number 2336.03*

*August 2018*

by Antoine Ruchonnet

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For Addyman Archaeology, the fieldwork was undertaken by Philip Karsgaard and Antoine Ruchonnet.

# Land South of 33 Stannington Station Road

## *Stannington, Northumberland*

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### *Archaeological Evaluation*

#### *Executive Summary*

Addyman Archaeology undertook a programme of trial trenching at land south of 33 Stannington Station Road, Stannington, Northumberland from 1<sup>st</sup> to 3<sup>rd</sup> August 2018, in advance of the proposed development of the site for new housing. A Desk-based Assessment undertaken for the site had identified that the surrounding area of the proposed development contained archaeological remains of late prehistoric date and that the site therefore had the potential for sub-surface archaeological remains of this period. The five trenches excavated across the site revealed agricultural features, ceramic horseshoe field drains, plough strikes and furrows, along with a few modern pits and a posthole but no remains dating to the late prehistoric period.

#### *1. Introduction*

##### *i. Background and previous work*

Addyman Archaeology were contracted by Brad Holbrook to undertake a programme of archaeological evaluation at a parcel of land south of No. 33 Stannington Station Road, Northumberland, NE61 6DX in advance of the proposed development of the site for the construction of four new dwelling houses (planning ref. 18/01044/FUL). The archaeological evaluation consisted of machine-excavated trial trenches, and was undertaken, in order to fulfil the requirement of the Northumberland County Council Archaeology Team (contact, Nick Best) to evaluate the nature and extent of the sub-surface archaeological remains on the site in advance of the Council's determination of planning conditions. The methods and standards for the works were subject to a Written Scheme of Investigation prepared by Addyman Archaeology and approved by Mr Best in July 2018.

A desk-based assessment (DBA) had been undertaken for the site (Addyman Archaeology 2018). This study of the site revealed that the proposed development area sits in an area of known late prehistoric (late Iron Age and Romano-British) occupation, and that the site had a potential for sub-surface archaeological remains of this period. The programme of archaeological evaluation reported on here was therefore intended to locate, identify, and characterise any such remains. As the proposed development of four new dwelling houses would entail ground disturbance across the site, any such existing archaeological remains would be impacted by the proposed development.

A record of the evaluation (*OASIS ID: addyman1-325340*) has been deposited with the Online Access to the Index of Archaeological Investigations (OASIS) website hosted by the Archaeological Data Service.

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*ii. Site location and setting*

The site is a rectangular plot of land south of Stannington Station Road, centred on NGR NZ 214814 (*Figure 1*). The site is approximately 80m x 35m in size. There are no standing structures on the site, which is currently mainly under cultivation, with hedgerows along its northern flank and mature trees at its north-western corner. The site slopes gently downwards to the south and south-east.

The site is situated on the Pennine Lower Coal Measures Formation of sandstone sedimentary rock formed in the Carboniferous Period in a shallow marine environment. The overlying superficial geology is composed of Devensian glaciofluvial deposits of sands and gravels.

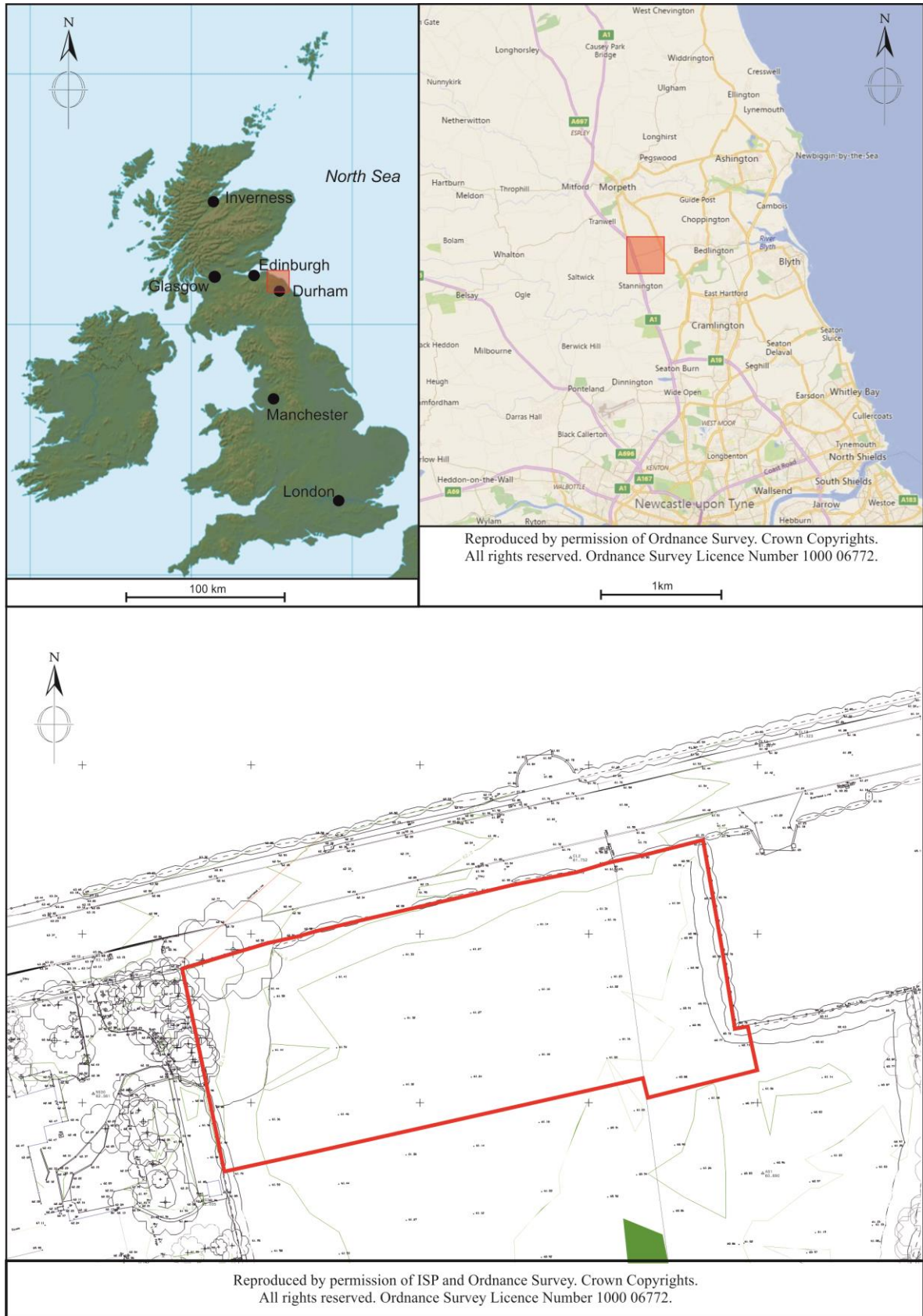


Figure 1 Site location. Siteplan, IDP.



## **2. *Historical Summary***

The site at Stannington Station Road was, as noted above, subject to a Desk-Based Assessment (Addyman Archaeology 2018). This study examined the known heritage assets on and around the site in a 1km radius study area by interrogating the Northumberland County Council Historic Environment Record (HER) data for all known sites and assets in this study area; examining historic mapping of the area and available aerial photography. This study noted that the proposed development area lies within a landscape characterised by a low level of earlier prehistoric preserved occupation, but that both cropmark and excavation evidence reveal a higher density of later prehistoric remains preserved near and around the site. These are the rectilinear enclosed settlements of the later Iron Age and Romano-British periods, as attested at Moor Farm (to the north) and the former Stannington Nursery site (to the east). These are usually understood to be the remains of settlements or farmsteads; the distinctive rectilinear ditches enclosing them often a late feature of settlements previously unenclosed. These sites therefore represent some chronological depth and continuity of settlement. As settlements and farmsteads, they are also associated with outlying features – ditches and pits – between and around the sites. Given that five such enclosed settlements are known near to the present site, and that the present site has not seen built development on it in the modern period which may have removed such features, the proposed development area is considered to have a high potential for later prehistoric remains to be potentially preserved below the plough soil.

The DBA also identified that the present site lies in an area of agricultural exploitation which had seen increasing intensification and expansion in the medieval and post-medieval periods; the remains of such agricultural activity, in the form of ridge and furrow traces, may also have survived below the ploughsoil.

### **3. Methodology**

The evaluation consisted of seven evaluation trenches excavated within the footprint of the development area (*figure 2*). The trenches measured approximately 25m in length and 1.6m in width. This comprised an 8% sample of the development area. The trenches were excavated until undisturbed natural deposits were encountered which reached a depth between 0.4m to 0.45m. The excavation of the trenches was undertaken by a back-acting mechanical excavator fitted with a toothless ditching bucket of 1.6m width, acting under direct archaeological supervision. Trenches were hand cleaned where necessary to allow the identification and recording, of archaeological features.

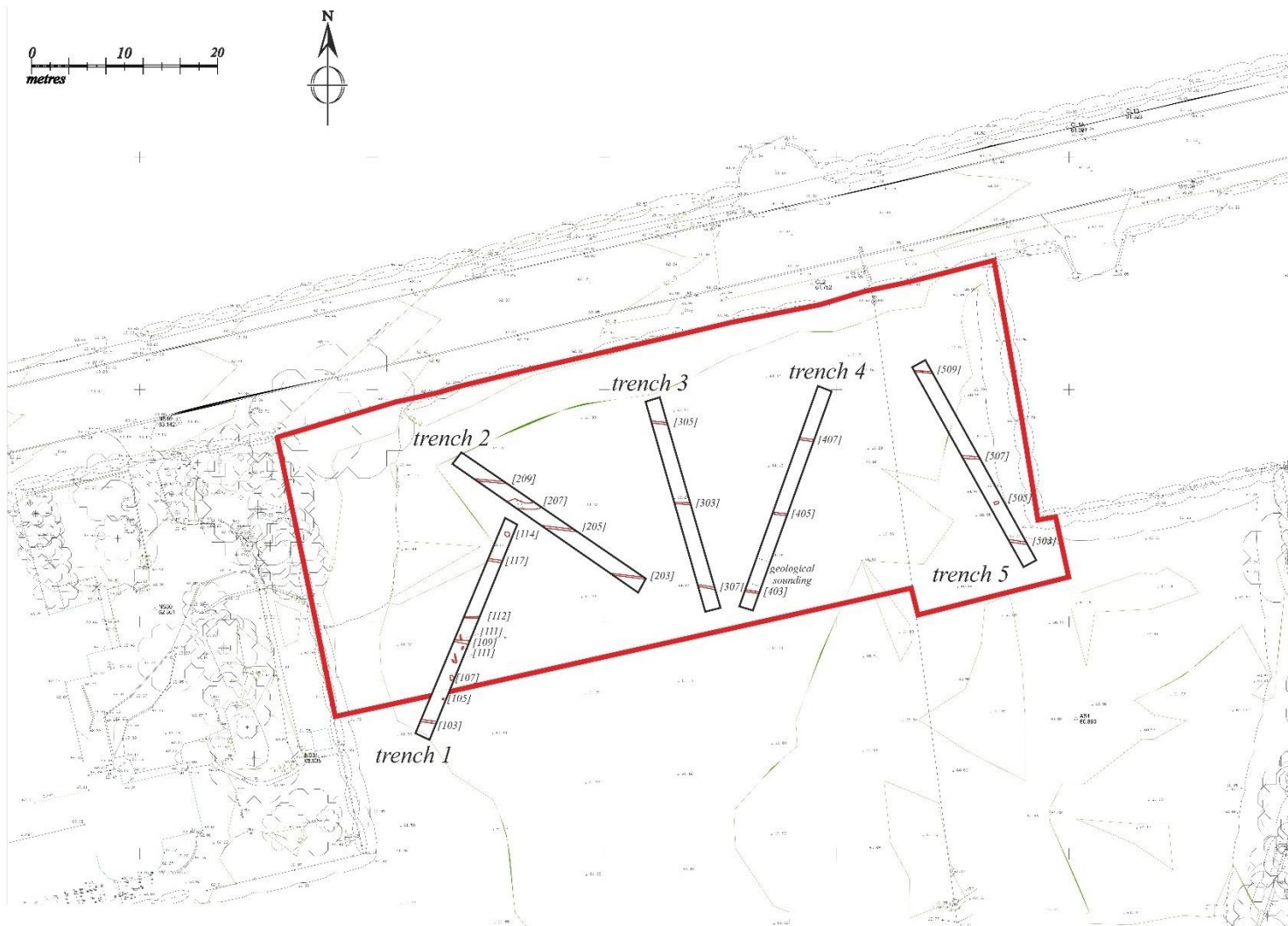


Figure 2 Trench Location Siteplan, IDP.

#### 4. Results

All trenches revealed agricultural activities, in the form of horseshoe field drains, ridge and furrow, and plough strikes (*figure 3*). No prehistoric archaeological remains or features were discovered and all finds were dated from the late 18<sup>th</sup> century onwards. Topsoil was found directly overlying the natural sand and clay over the whole area. A full description of the Contexts and Trenches is provided in *Appendix A and B*.

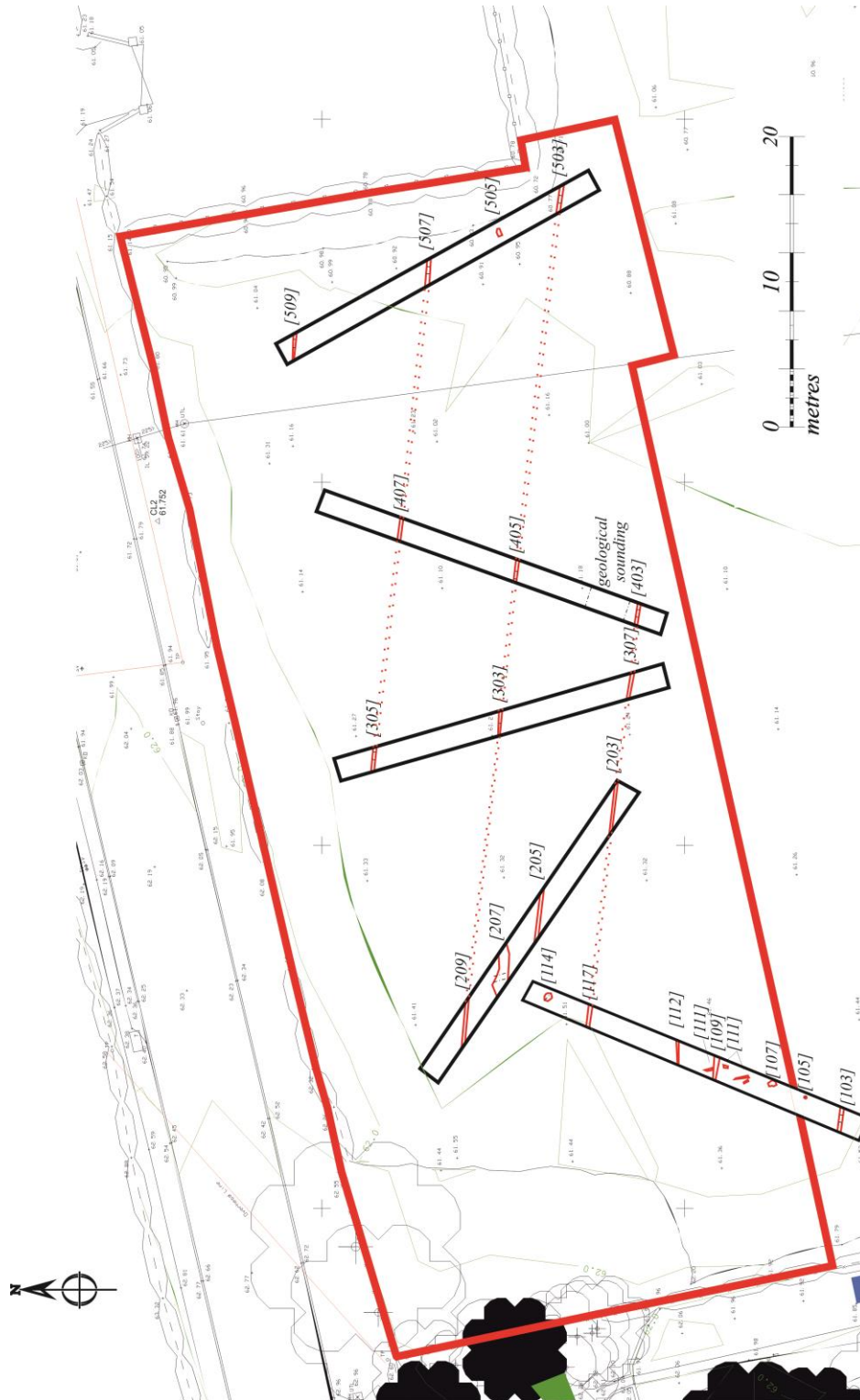


Figure 3 Features. Siteplan, IDP.

Horseshoe field drains were encountered in each trench and based on their direction, three of these could be traced through more than one trench. All horseshoe drains encountered are 0.1m in height over a 0.12m baseplate. Butt-jointed, the segments measure 0.35m in length with an external diameter of 0.08m. The cuts for the drain range in depth from 0.3m to 0.55m below the natural. All cuts are backfilled with a mix of redeposited topsoil and natural.

The northernmost drain runs through trenches 3, 4 and 5 ([305], [405] and [503]). The drain is sloping from west to east (see *figure 3* and *plates 1* and *2*).



*Plate 1 Drain [305]*



*Plate 2 Drain [507]*

The central drain runs through trenches 2, 3, 4 and 5 ([209], [303], [407] and [507]). This drain is also sloping from west to east.

The southernmost drain runs through trenches 1, 2, 3, and 4 ([117], [203], [307], and [403]). This drain was mostly unexplored, but it can be assumed that it was also sloping from west to east.

A number of other field drains were also found ([103], [109], [112], [205], and [509]). The three drains discovered in Trench 1 were running east-west to the south of the other drain, too far south to be encountered in another trench. Drain [509] in Trench 5, also running east-west, outwith the area of the other trenches. In Trench 2, drain [205] was located between the north and central drain but was not seen in the other trenches. If it probably ran to the north of trench 1, it is, however, odd to be absent of Trench 3 and 4.

Other agricultural features were found in the form of a series of roughly N-S, plough strikes [111] in Trench 1 and an E-W furrow [207] in Trench 2.



*Plate 3 Plough Strike [111]*



*Plate 4 Furrow [207]*

A modern circular post hole [105], 0.19m in diameter and 0.12m deep, was uncovered in Trench 1, backfilled by topsoil. This could have been part of previous fencing of the lot (*plate 5*).

Lastly, three modern midden pits were found in Trench 1 ([107] and [114]) and in Trench 5 [505]. Pit [114] was a 0.62m by 0.46m, 0.17m deep sub-circular cut, filled by a dark grey-brown sandy-loam with patches of redeposited natural. Excavation revealed 19<sup>th</sup> century ceramic fragments, the disarticulated skeleton of a complete infant pig, 3-6 months old (Silver, 1969) and a copper alloy ornament (*plate 6*).

Pit [107] was irregular in shape and filled dark grey-brown sandy-loam with fragments of bitumen. Pit [505] was a rectangular modern cut, backfilled with topsoil.



*Plate 5 Posthole [105]*



*Plate 6 Pit [114]*

## **5. Discussion**

Archaeological evaluation of the land south of 33 Stannington Station Road did not reveal any important archaeological features but a few agricultural activity markers were recorded, consisting of field drains, plough strikes and ridge and furrow.

All of the horseshoe ceramic drains were orientated east to west and appear to drain the field towards the east. Horseshoe field drains were in use from the late 18<sup>th</sup> century until the mid-19<sup>th</sup> century (McComish, 2015). This date for the drainage of the field corresponds to the date of the finds uncovered in the topsoil, which are from the late 18<sup>th</sup> century onwards.

Despite its proximity with the later Iron Age enclosures no prehistoric archaeological features or finds were discovered during the archaeological evaluation.

***References***

McComish, J M *A Guide to Ceramic Building Material*. York Archaeology Trust, Report Number 2015/36, 2015

Silver, I A 1969 'The Ageing of Domestic Animals', in *Science in Archaeology, A Comprehensive Survey of Progress and Research*, Brothwell, D & Higgs, E (eds), Basic Books: New York.



## Appendix A Context Register

<b>Context No.</b>	<b>Date</b>	<b>Trench</b>	<b>Description</b>	<b>Dimensions (in m)</b>
(101)	01/08/2018	1	Topsoil/Ploughsoil. Compact, grey - dark-brown, loamy silt topsoil, with occasional sub-angular stones, brick and tile fragments and frequent gravel	>25.3 x >1.6 x 0.45
(102)	01/08/2018	1	Natural. Very compact, orangey - pale-brown, natural sand and clay with occasional Fe rich patches and small sub-angular stones.	>25.3 x >1.6
[103]	01/08/2018	1	Cut. Linear, E-W cut for field drain, vertical sides and flat base, filled by (104).	>1.6 x 0.26 x 0.44
(104)	01/08/2018	1	Fill of [103]. Ceramic horseshoe field drain and compact, grey-brown sandy loam with patches of grey clay and yellow sand (redeposited natural and topsoil) with occasional small sub-angular stones.	>1.6 x 0.26 x 0.44 / Drain Ø 0.1 x 0.1
[105]	01/08/2018	1	Cut. Circular cut for posthole, very steep sides and concave base, filled by (106).	Ø 0.19 x 0.12
(106)	01/08/2018	1	Fill of [105]. Compact, grey-brown sandy loam with yellow sand patches and occasional small stones.	Ø 0.19 x 0.12
[107]	01/08/2018	1	Cut. Irregular cut for pit, not excavated, filled by (108).	0.44 x 0.38
(108)	01/08/2018	1	Fill of [107]. Compact, grey-brown loamy sand with bitumen.	0.44 x 0.38
[109]	01/08/2018	1	Cut. Linear, E-W cut for field drain, not excavated, filled by (110).	>1.56 x 0.32
(110)	01/08/2018	1	Fill of [109]. Ceramic horseshoe field drain and compact, grey-brown sandy loam with patches of grey clay and yellow sand (redeposited natural and topsoil) with occasional small sub-angular stones.	>1.56 x 0.32
[111]	01/08/2018	1	Ploughmarks. Series of lenticular, N-S, ploughmarks, shallow and filled by topsoil.	0.4 x 0.14 // 0.31 x 0.15 // 0.6 x 0.13
[112]	01/08/2018	1	Cut. Linear, E-W cut for field drain, not excavated, filled by (113).	>1.7 x 0.17
(113)	01/08/2018	1	Fill of [112]. Ceramic horseshoe field drain and compact, grey-brown sandy loam with patches of grey clay and yellow sand (redeposited natural and topsoil) with occasional small sub-angular stones.	>1.7 x 0.17
[114]	01/08/2018	1	Cut. Sub-circular cut for pit, steep sides and concave base, filled by (115).	0.62 x 0.46 x 0.17
(115)	01/08/2018	1	Fill of [114]. Compact, grey-brown sandy-loam with patches of yellow-grey clay, high frequency of juvenile pig bones, disarticulated but from one individual.	0.62 x 0.46 x 0.17
(116)	01/08/2018	1	Fill of [117]. Ceramic horseshoe field drain and compact, grey-brown sandy loam with patches of grey clay and yellow sand (redeposited natural and topsoil) with occasional small sub-angular stones.	>1.70 x 0.35
[117]	01/08/2018	1	Cut. Linear, E-W cut for field drain, not excavated, filled by (116).	>1.70 x 0.35
(201)	01/08/2018	2	Topsoil/Ploughsoil. Compact, grey - dark-brown, loamy silt topsoil, with occasional sub-angular stones, brick and tile fragments and frequent gravel	>24.2 x >1.6 x 0.45
(202)	01/08/2018	2	Natural. Very compact, orangey - pale-brown, natural sand and clay with occasional Fe rich patches and small sub-angular stones.	>24.2 x >1.6
[203]	01/08/2018	2	Cut. Linear, E-W cut for field drain, not excavated, filled by (204).	>1.6x 0.24
(204)	01/08/2018	2	Fill of [203]. Ceramic horseshoe field drain and compact, grey-brown sandy loam with patches of grey clay and yellow sand (redeposited natural and topsoil) with occasional small sub-angular stones.	>1.6x 0.24
[205]	01/08/2018	2	Cut. Linear, E-W cut for field drain, not excavated, filled by (206).	>1.75 x 0.33-0.16

(206)	01/08/2018	2	Fill of [205]. Ceramic horseshoe field drain and compact, grey-brown sandy loam with patches of grey clay and yellow sand (redeposited natural and topsoil) with occasional small sub-angular stones.	>1.75 x 0.33-0.16
[207]	01/08/2018	2	Furrow. Wide irregular shallow furrow, filled by (208).	> 1.65 x 1.05 x 0.03
(208)	01/08/2018	2	Fill of [207]. Compact, mid-brown sandy loam.	> 1.65 x 1.05 x 0.03
[209]	01/08/2018	2	Cut. Linear, E-W cut for field drain, not excavated, filled by (210).	> 1.65 x 0.28
(210)	01/08/2018	2	Fill of [209]. Ceramic horseshoe field drain and compact, grey-brown sandy loam with patches of grey clay and yellow sand (redeposited natural and topsoil) with occasional small sub-angular stones.	> 1.65 x 0.28
(301)	01/08/2018	3	Topsoil/Ploughsoil. Compact, grey - dark-brown, loamy silt topsoil, with occasional sub-angular stones, brick and tile fragments and frequent gravel	>23.5 x >1.6 x 0.4
(302)	01/08/2018	3	Natural. Very compact, orangey - pale-brown, natural sand and clay with occasional Fe rich patches and small sub-angular stones.	>23.5 x >1.6
[303]	01/08/2018	3	Cut. Linear, E-W cut for field drain, vertical sides and flat base, filled by (304).	>1.7 x 0.3 x 0.53
(304)	01/08/2018	3	Fill of [303]. Ceramic horseshoe field drain and compact, grey-brown sandy loam with patches of grey clay and yellow sand (redeposited natural and topsoil) with occasional small sub-angular stones.	>1.7 x 0.3 x 0.53 / Drain Ø 0.1 x 0.1
[305]	01/08/2018	3	Cut. Linear, E-W cut for field drain, vertical sides and flat base, filled by (306).	>1.7 x 0.24 x 0.3
(306)	01/08/2018	3	Fill of [305]. Ceramic horseshoe field drain and compact, grey-brown sandy loam with patches of grey clay and yellow sand (redeposited natural and topsoil) with occasional small sub-angular stones.	>1.7 x 0.24 x 0.3 / Drain Ø 0.1 x 0.1
[307]	01/08/2018	3	Cut. Linear, E-W cut for field drain, not excavated, filled by (308).	>1.67 x 0.28
(308)	01/08/2018	3	Fill of [307]. Ceramic horseshoe field drain and compact, grey-brown sandy loam with patches of grey clay and yellow sand (redeposited natural and topsoil) with occasional small sub-angular stones.	>1.67 x 0.28
(401)	01/08/2018	4	Topsoil/Ploughsoil. Compact, grey - dark-brown, loamy silt topsoil, with occasional sub-angular stones, brick and tile fragments and frequent gravel	>25 x >1.6 x 0.8
(402)	01/08/2018	4	Natural. Very compact, orangey - pale-brown, natural sand and clay with occasional Fe rich patches and small sub-angular stones.	>25 x >1.6
[403]	01/08/2018	4	Cut. Linear, E-W cut for field drain, vertical sides and flat base, filled by (404).	>1.73 x 0.18 x 0.33
(404)	01/08/2018	4	Fill of [403]. Ceramic horseshoe field drain and compact, grey-brown sandy loam with patches of grey clay and yellow sand (redeposited natural and topsoil) with occasional small sub-angular stones.	>1.73 x 0.18 x 0.33
[405]	01/08/2018	4	Cut. Linear, E-W cut for field drain, vertical sides and flat base, filled by (406).	>1.75 x 0.25 x 0.55
(406)	01/08/2018	4	Fill of [405]. Ceramic horseshoe field drain and compact, grey-brown sandy loam with patches of grey clay and yellow sand (redeposited natural and topsoil) with occasional small sub-angular stones.	>1.75 x 0.25 x 0.55
[407]	01/08/2018	4	Cut. Linear, E-W cut for field drain, vertical sides and flat base, filled by (408).	>1.7 x 0.22 x 0.36
(408)	01/08/2018	4	Fill of [407]. Ceramic horseshoe field drain and compact, grey-brown sandy loam with patches of grey clay and yellow sand (redeposited natural and topsoil) with occasional small sub-angular stones.	>1.7 x 0.22 x 0.36
(501)	01/08/2018	5	Topsoil/Ploughsoil. Compact, grey - dark-brown, loamy silt topsoil, with occasional sub-angular stones, brick and tile fragments and frequent gravel	>24.3 x > 1.6 x 0.4

(502)	01/08/2018	5	Natural. Very compact, orangey - pale-brown, natural sand and clay with occasional Fe rich patches and small sub-angular stones.	>24.3 x > 1.6
[503]	01/08/2018	5	Cut. Linear, E-W cut for field drain, vertical sides and flat base, filled by (504).	>1.68 x 0.27 x 0.44
(504)	01/08/2018	5	Fill of [503]. Ceramic horseshoe field drain and compact, grey-brown sandy loam with patches of grey clay and yellow sand (redeposited natural and topsoil) with occasional small sub-angular stones.	>1.68 x 0.27 x 0.44
[505]	01/08/2018	5	Cut. Modern rectangular cut, unexcavated, filled by (506).	0.51 x 0.29
(506)	01/08/2018	5	Fill of [505]. Compact dark brown humic sandy silt with frequent small stones.	0.51 x 0.29
[507]	01/08/2018	5	Cut. Linear, E-W cut for field drain, vertical sides and flat base, filled by (508).	>1.68 x 0.29 x 0.46
(508)	01/08/2018	5	Fill of [507]. Ceramic horseshoe field drain and compact, grey-brown sandy loam with patches of grey clay and yellow sand (redeposited natural and topsoil) with occasional small sub-angular stones.	>1.68 x 0.29 x 0.46
[509]	01/08/2018	5	Cut. Linear, E-W cut for field drain, vertical sides and flat base, filled by (510).	>1.71 x 0.28 x 0.45
(510)	01/08/2018	5	Fill of [509]. Ceramic horseshoe field drain and compact, grey-brown sandy loam with patches of grey clay and yellow sand (redeposited natural and topsoil) with occasional small sub-angular stones.	>1.71 x 0.28 x 0.45

## Appendix B Trench Register

<i>Trench No.</i>	<i>Orientation</i>	<i>Length (m)</i>	<i>Width (m)</i>	<i>Depth (m)</i>	<i>Topsoil</i>	<i>Natural</i>	<i>Features</i>
1	NNE-SSW	25.3	1.6	0.45	Compact, grey-dark brown, loamy silt topsoil, with occasional sub-angular stones, brick and tile fragments and frequent gravel.	Firm, orange-brown sandy clay with occasional iron rich stones and small sub-angular stones.	Field drains [103], [109], [112], and [117], plough strikes [111], posthole [105] and pits [107] and [114]. All features apart from the pits (19th century midden) are backfilled by topsoil and redeposited natural.
2	NW-SE	24.2	1.6	0.45	Compact, grey-dark brown, loamy silt topsoil, with occasional sub-angular stones, brick and tile fragments and frequent gravel.	Firm, orange-brown sandy clay with occasional iron rich stones and small sub-angular stones.	Field drains [203], [205] and [209] and furrow [207]. All features are backfilled by topsoil and redeposited natural.
3	NNW-SSE	23.5	1.6	0.4	Compact, grey-dark brown, loamy silt topsoil, with occasional sub-angular stones, brick and tile fragments and frequent gravel.	Firm, orange-brown sandy clay with occasional iron rich stones and small sub-angular stones, large areas of clay and stony patches.	Field drains [303], [305], [307]. All features are backfilled by topsoil and redeposited natural.
4	NNE-SSW	25	1.6	0.8	Compact, grey-dark brown, loamy silt topsoil, with occasional sub-angular stones, brick and tile fragments and frequent gravel.	Firm, orange-brown sandy clay with occasional iron rich stones and small sub-angular stones, and stony patches.	Field drains [403], [405], and [407].
5	NNW-SSE	24.3	1.6	0.4	Compact, grey-dark brown, loamy silt topsoil, with occasional sub-angular stones, brick and tile fragments and frequent gravel.	Firm, orange-brown sandy clay with occasional iron rich stones and small sub-angular stones.	Field drains [503], [507], and [509] and a modern pit [505].

## Appendix C Photograph Register

<i>Image No.</i>	<i>Original No.</i>	<i>Direction Facing</i>	<i>Date</i>	<i>Description</i>	<i>Initials</i>
001	2803	S	01/08/2018	Pre-condition shot	PK
002	2804	E	01/08/2018	Pre-condition shot	PK
003	2805	W	01/08/2018	Pre-condition shot	PK
004	2806	N	01/08/2018	Trench 1, Pre-ex, with JCB	PK
005	2807	NNW	01/08/2018	Trench 2, Pre-ex	AR
006	2808	SSE	01/08/2018	Trench 2, Pre-ex	AR
007	2809	SE	01/08/2018	Trench 3, Pre-ex	AR
008	2810	NW	01/08/2018	Trench 3, Pre-ex	AR
009	2811	NNW	01/08/2018	Trench 4, Pre-ex	AR
010	2812	SSE	01/08/2018	Trench 4, Pre-ex	AR
011	2813	ESE	01/08/2018	Trench 5, Pre-ex	AR
012	2814	WNW	01/08/2018	Trench 5, Pre-ex	AR
013	2817	NNE	01/08/2018	Trench 1, Post-ex	AR
014	2819	SSW	01/08/2018	Trench 1, Post-ex	AR
015	2821	-	01/08/2018	Working shot	AR
016	2822	-	01/08/2018	Working shot	AR
017	2823	-	01/08/2018	Working shot	AR
018	2824	-	01/08/2018	Working shot	AR
019	2825	-	01/08/2018	Working shot	AR
020	2827	SE	01/08/2018	Trench 2, Post-ex	AR
021	2829	NW	01/08/2018	Trench 2, Post-ex	AR
022	2832	-	01/08/2018	Working shot	AR
023	2833	-	01/08/2018	Working shot	AR
024	2834	-	01/08/2018	Working shot	AR
025	2835	-	01/08/2018	Working shot	AR
026	2836	-	01/08/2018	Working shot	AR
027	2838	NNW	01/08/2018	Trench 3, Post-ex	AR
028	2841	SSE	01/08/2018	Trench 3, Post-ex	AR
029	2843	NNE	01/08/2018	Trench 4, Post-ex	AR
030	2846	SSW	01/08/2018	Trench 4, Post-ex	AR
031	2850	NNW	01/08/2018	Trench 5, Post-ex	AR
032	2853	SSE	01/08/2018	Trench 5, Post-ex	AR
033	2855	-	02/08/2018	Working shot	AR
034	2856	-	02/08/2018	Working shot	AR
035	2857	-	02/08/2018	Working shot	AR
036	2858	-	02/08/2018	Working shot	AR
037	2859	E	02/08/2018	Trench 3, West facing section, showing natural clay	AR
038	2861	E	02/08/2018	Trench 3, West facing section, showing natural clay	AR
039	2862	E	02/08/2018	Trench 3, West facing section, showing natural clay	AR
040	2863	E	02/08/2018	Trench 3, West facing section, showing natural clay	AR
041	2866	SE	02/08/2018	Trench 3, Post-ex, after investigation	AR
042	2868	NW	02/08/2018	Trench 3, Post-ex, after investigation	AR
043	2870	N	02/08/2018	Trench 3, Drain [303]	AR
044	2871	N/Vert.	02/08/2018	Trench 3, Drain [303]	AR
045	2872	N/Vert.	02/08/2018	Trench 3, Drain [303]	AR
046	2873	S/Vert.	02/08/2018	Trench 3, Drain [303]	AR
047	2874	S/Vert.	02/08/2018	Trench 3, Drain [303]	AR

<b>Image No.</b>	<b>Original No.</b>	<b>Direction Facing</b>	<b>Date</b>	<b>Description</b>	<b>Initials</b>
048	2875	S	02/08/2018	Trench 3, Drain [303], north facing section	AR
049	2876	S/Vert.	02/08/2018	Trench 3, Drain [303], detail	AR
050	2877	N	02/08/2018	Trench 3, Drain [305]	AR
051	2878	N/Vert.	02/08/2018	Trench 3, Drain [305]	AR
052	2879	S	02/08/2018	Trench 3, Drain [305]	AR
053	2880	S/Vert.	02/08/2018	Trench 3, Drain [305]	AR
054	2881	S	02/08/2018	Trench 3, Drain [305], north facing section	AR
055	2882	S	02/08/2018	Trench 3, Drain [305], north facing section	AR
056	2883	E	02/08/2018	Trench 3, Drain [305], west facing section	AR
057	2884	S/Vert.	02/08/2018	Trench 3, Drain [305], detail	AR
058	2885	NW	02/08/2018	Trench 5, Post-ex, after investigation	PK
059	2886	S	02/08/2018	Trench 5, Drain [503]	PK
060	2887	N	02/08/2018	Trench 5, Drain [503], detail	PK
061	2888	SE	02/08/2018	Trench 5, Drain [507]	PK
062	2889	SE	02/08/2018	Trench 5, Drain [509]	PK
063	2890	SSE	02/08/2018	Trench 5, Post-ex, after investigation	PK
064	2891	N	02/08/2018	Trench 5, Pit [505]	PK
065	2892	NNE	02/08/2018	Trench 4, Post-ex, after investigation	PK
066	2893	NE	02/08/2018	Trench 4, Pit [403]	PK
067	2894	E	02/08/2018	Trench 4, Pit [403], west facing section	PK
068	2895	NE	02/08/2018	Trench 4, Pit [405]	PK
069	2896	NE	02/08/2018	Trench 4, Pit [407]	PK
070	2897	SSW	02/08/2018	Trench 4, Post-ex, after investigation	PK
071	2898	NNE	02/08/2018	Trench 4, Pit [403], detail	PK
072	2899	E	02/08/2018	Trench 4, Pit [403], west facing section	PK
073	2900	E	02/08/2018	Trench 2, Furrow [207]	PK
074	2901	NE	02/08/2018	Trench 1, Post-ex, after investigation	AR
075	2904	SSW	02/08/2018	Trench 1, Post-ex, after investigation	AR
076	2909	S	02/08/2018	Trench 1, Drain [103]	AR
077	2910	N	02/08/2018	Trench 1, Drain [103]	AR
078	2911	S/Vert.	02/08/2018	Trench 1, Drain [103], detail	AR
079	2912	S	02/08/2018	Trench 1, Drain [103], north facing section	AR
080	2914	W	02/08/2018	Trench 1, Drain [103], east facing section	AR
081	2915	NE	02/08/2018	Trench 1, Posthole [105]	AR
082	2917	NE	02/08/2018	Trench 1, Posthole [105], south facing section	AR
083	2919	SW	02/08/2018	Trench 1, Pit [107]	AR
084	2920	-	02/08/2018	Trench 1, Plough strikes [111]	AR
085	2921	-	02/08/2018	Trench 1, Plough strikes [111]	AR
086	2922	-	02/08/2018	Trench 1, Plough strikes [111]	AR
087	2924	S	02/08/2018	Trench 1, Drain [109]	AR
088	2926	S	02/08/2018	Trench 1, Drain [112]	AR
089	2927	N	02/08/2018	Trench 1, Pit [114]	AR
090	2928	S	02/08/2018	Trench 1, Pit [114]	AR
091	2929	N	02/08/2018	Trench 1, Pit [114], south facing section	AR
092	2930	N	02/08/2018	Trench 1, Pit [114], south facing section	AR
093	2931	N	02/08/2018	Trench 1, Pit [114], south facing section	AR
094	2932	N	02/08/2018	Trench 1, Pit [114], south facing section	AR
095	2933	N	02/08/2018	Trench 1, Pit [114], south facing section	AR
096	2934	-	03/08/2018	Post-condition shot	PK
097	2935	-	03/08/2018	Post-condition shot	PK
098	2936	-	03/08/2018	Post-condition shot	PK

<b><i>Image No.</i></b>	<b><i>Original No.</i></b>	<b><i>Direction Facing</i></b>	<b><i>Date</i></b>	<b><i>Description</i></b>	<b><i>Initials</i></b>
099	2937	-	03/08/2018	Post-condition shot	PK
100	2938	-	03/08/2018	Post-condition shot	PK
101	2939	-	03/08/2018	Post-condition shot	PK
102	2940	-	03/08/2018	Post-condition shot	PK
103	2941	-	03/08/2018	Post-condition shot	PK
104	2942	-	03/08/2018	Post-condition shot	PK
105	2943	-	03/08/2018	Post-condition shot	PK
106	2944	-	03/08/2018	Post-condition shot	PK
107	2945	-	03/08/2018	Post-condition shot	PK
108	2946	-	03/08/2018	Post-condition shot	PK

Appendix D Contact Sheets



AA2336\_StanningtonStnRd\_(001).J...



AA2336\_StanningtonStnRd\_(002).J...



AA2336\_StanningtonStnRd\_(003).J...



AA2336\_StanningtonStnRd\_(004).J...



AA2336\_StanningtonStnRd\_(005).J...



AA2336\_StanningtonStnRd\_(006).J...



AA2336\_StanningtonStnRd\_(007).J...



AA2336\_StanningtonStnRd\_(008).J...



AA2336\_StanningtonStnRd\_(009).J...



AA2336\_StanningtonStnRd\_(010).J...



AA2336\_StanningtonStnRd\_(011).J...



AA2336\_StanningtonStnRd\_(012).J...



AA2336\_StanningtonStnRd\_(013).J...



AA2336\_StanningtonStnRd\_(014).J...



AA2336\_StanningtonStnRd\_(015).J...



AA2336\_StanningtonStnRd\_(016).J...



AA2336\_StanningtonStnRd\_(017).J...



AA2336\_StanningtonStnRd\_(018).J...



AA2336\_StanningtonStnRd\_(019).J...



AA2336\_StanningtonStnRd\_(020).J...



AA2336\_StanningtonStnRd\_(021).J...



AA2336\_StanningtonStnRd\_(022).J...



AA2336\_StanningtonStnRd\_(023).J...



AA2336\_StanningtonStnRd\_(024).J...



AA2336\_StanningtonStnRd\_(025).J...



AA2336\_StanningtonStnRd\_(026).J...



AA2336\_StanningtonStnRd\_(027).J...



AA2336\_StanningtonStnRd\_(028).J...

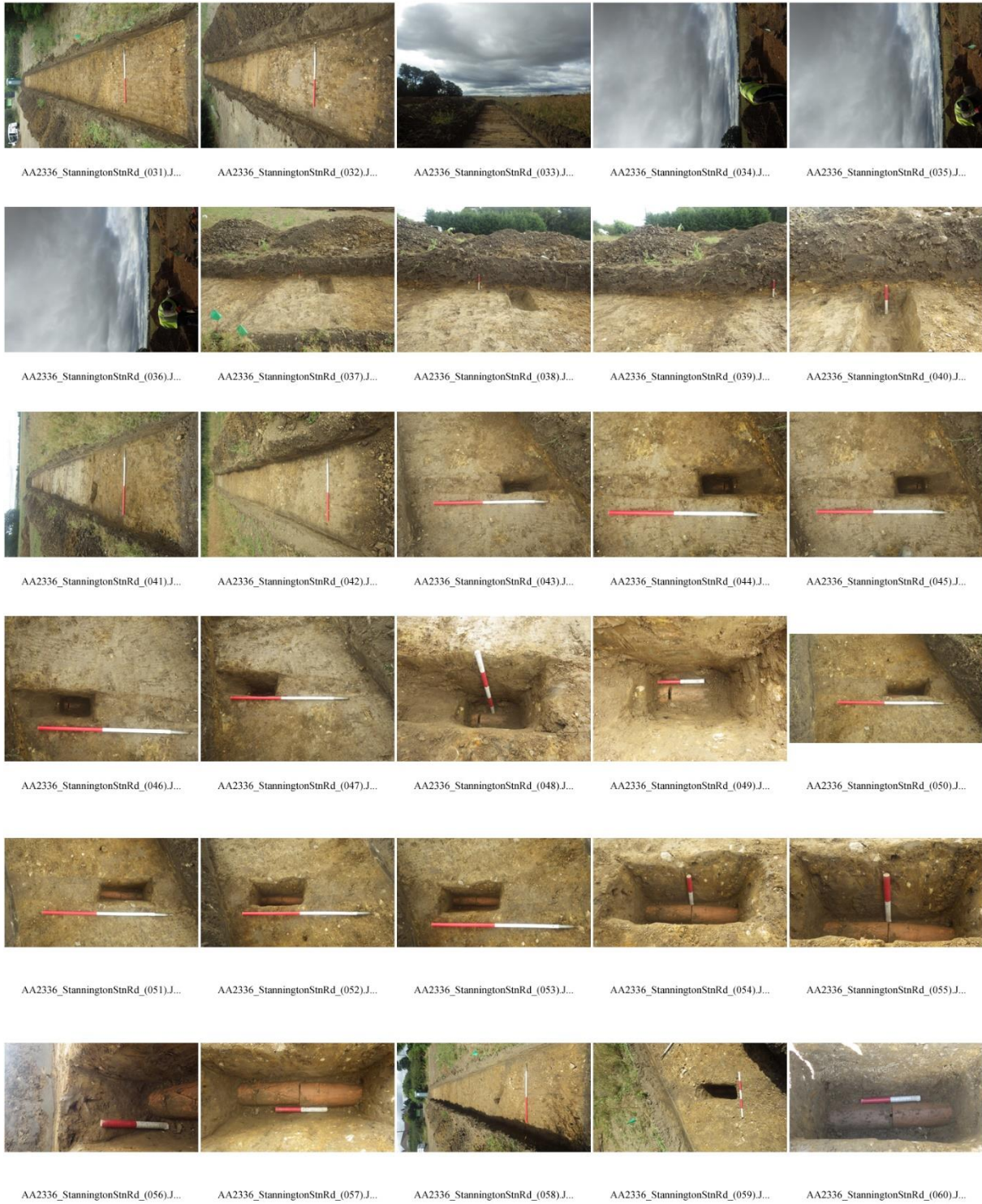


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AA2336\_StanningtonStnRd\_(030).J...







AA2336\_StanningtonStnRd\_(061).J... AA2336\_StanningtonStnRd\_(062).J... AA2336\_StanningtonStnRd\_(063).J... AA2336\_StanningtonStnRd\_(064).J... AA2336\_StanningtonStnRd\_(065).J...



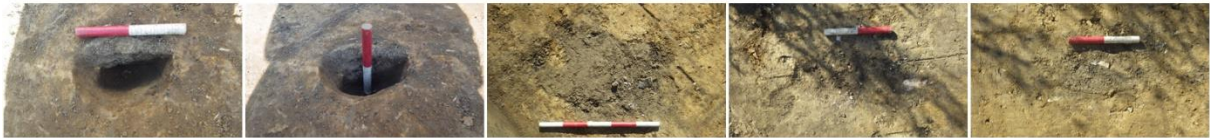
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AA2336\_StanningtonStnRd\_(071).J... AA2336\_StanningtonStnRd\_(072).J... AA2336\_StanningtonStnRd\_(073).J... AA2336\_StanningtonStnRd\_(074).J... AA2336\_StanningtonStnRd\_(075).J...



AA2336\_StanningtonStnRd\_(076).J... AA2336\_StanningtonStnRd\_(077).J... AA2336\_StanningtonStnRd\_(078).J... AA2336\_StanningtonStnRd\_(079).J... AA2336\_StanningtonStnRd\_(080).J...



AA2336\_StanningtonStnRd\_(081).J... AA2336\_StanningtonStnRd\_(082).J... AA2336\_StanningtonStnRd\_(083).J... AA2336\_StanningtonStnRd\_(084).J... AA2336\_StanningtonStnRd\_(085).J...



AA2336\_StanningtonStnRd\_(086).J... AA2336\_StanningtonStnRd\_(087).J... AA2336\_StanningtonStnRd\_(088).J... AA2336\_StanningtonStnRd\_(089).J... AA2336\_StanningtonStnRd\_(090).J...



AA2336\_StanningtonStnRd\_(091).J... AA2336\_StanningtonStnRd\_(092).J... AA2336\_StanningtonStnRd\_(093).J... AA2336\_StanningtonStnRd\_(094).J... AA2336\_StanningtonStnRd\_(095).J...



AA2336\_StanningtonStnRd\_(096).J... AA2336\_StanningtonStnRd\_(097).J... AA2336\_StanningtonStnRd\_(098).J... AA2336\_StanningtonStnRd\_(099).J... AA2336\_StanningtonStnRd\_(100).J...



AA2336\_StanningtonStnRd\_(101).J... AA2336\_StanningtonStnRd\_(102).J... AA2336\_StanningtonStnRd\_(103).J... AA2336\_StanningtonStnRd\_(104).J... AA2336\_StanningtonStnRd\_(105).J...



AA2336\_StanningtonStnRd\_(106).J... AA2336\_StanningtonStnRd\_(107).J... AA2336\_StanningtonStnRd\_(108).J...