



ArcHeritage



**SITE A, OFF SCHOOL STREET
THURNSCOE, SOUTH YORKSHIRE**

EVALUATION REPORT

by J.M. McComish and B. Reeves

REPORT NUMBER 2010/36



ArcHeritage

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Abbreviations

YAT York Archaeological Trust

AOD Above Ordnance Datum

ABSTRACT

In April 2010 an archaeological evaluation was undertaken by ArcHeritage on behalf of Keepmoat Homes at Site A, off School Street, Thurnscoe, South Yorkshire (NGR SE 4589 0595). Forty-three evaluation trenches were excavated in advance of development as part of a new housing estate. The majority of the archaeological features discovered were identified as drains which were related to at least two phases of field drainage systems. A small number of modern features, which were probably related to agricultural activity or ground testing, were also found. No other features of archaeological interest were identified.

1. INTRODUCTION

From 9th-23rd April 2010 an archaeological evaluation was undertaken at Site A, off School Street, Thurnscoe, South Yorkshire (NGR SE 4589 0595, Figure 1). Outline planning permission had been granted for the redevelopment of the site for housing, and the archaeological evaluation was undertaken as part of the planning process. The work was undertaken by ArcHeritage and was commissioned by Keepmoat Homes. The evaluation was monitored by Mr. A. Lines of the South Yorkshire Archaeology Service.

The site is to be developed for housing and the archaeological evaluation was to assess the impact of the proposed redevelopment on any archaeological remains present. The village of Thurnscoe has medieval origins, but the settlement today is essentially buildings of 19th and 20th century date. The proposed development site lies slightly to the north-west (c.800m) of the core of the village which is centred on the junction of Church Street / Houghton Road. The evaluation has shown that there is no evidence that the proposed development site has ever been used for anything other than agriculture.

All archaeological recording was undertaken using York Archaeological Trust standard procedures and the report has been compiled in accordance with the Institute for Archaeologists standards and guidance for field evaluation (IFA 1994, updated 2008). The site archive is stored at YAT under the project code 5232/141.

2. METHODOLOGY

The placement of the trenches (Figure 2) was determined on the basis of the results obtained from a geophysical survey of the site. The trenches were positioned to investigate

both features and anomalies seen on the geophysical survey and a number of 'blank' areas on the geophysical survey as these would act as control areas.

All the ground-works were undertaken under archaeological supervision by a tracked, 360° excavator fitted with a toothless ditching bucket 2m wide. The trenches all measured 20 x 2m with the exception of Trench 17 which was 10 x 4m in size. In all trenches the uppermost deposit of plough-soil was removed to assess the survival of archaeological features at the interface between the plough soil and underlying deposits. The presence of an overhead cable close to and almost parallel with the eastern limits of the site interfered with the positioning of some of the trenches; Trench 20 could not be excavated as this would have involved machinery running beneath the cable, which was considered a health and safety risk, trench 7 was moved westwards to avoid the cable, and Trenches 8, 21 and 37 had to be shortened as their eastern limits were directly beneath the power cable.

In the case of the field drains present, there were clearly three major types, those backfilled with sandstone fragments, those containing a ceramic drainage pipe and those backfilled with clay; sections were taken through representative examples of each type, but the majority of the field drains were left unexcavated. All remaining archaeological features were sectioned to provide details as to their depth, profile or function and to recover any datable artefacts. The contexts within each trench were allocated as 100-199 for Trench 1, 200-299 for Trench 2 etc., continuing up to numbers 4400-4499 for Trench 44. A selection of black/white film photographs and digital photographs were taken of all the excavated trenches and features. The trenches were planned at 1:50 and sections drawn at 1:10. The trenches were inspected by Mr. A. Lines on 21st April and were backfilled on 23rd and 26th April 2010. The artefacts recovered were of insufficient volume or quality to merit retention and have been discarded.

3. LOCATION, GEOLOGY AND TOPOGRAPHY

The site lies slightly to the north-west of the core of Thurnscoe village. The site is bordered to the south by the gardens of houses fronting onto Holly Bush Drive, to the east by a railway-line, to the north by a footpath with fields beyond, and to the west by the rear gardens of housing fronting onto School Street, though several of the properties along this frontage have been recently demolished. The site is relatively flat, sloping slightly towards the south-west; the upper ground surface is between 51.91 and 53.96m AOD (Appendix 1). The field is bounded to the western and northern sides by a ditch and has been recently ploughed leaving a very rough clod, both of which are measures undertaken to prevent the site being

illegally occupied whilst it has not been in agricultural use. Two of the trenches (Trenches 29-30) were to the west of the field, immediately adjacent to School Street in an area formerly used for housing.

The solid geology of the area comprises Middle Coal Measures of the Upper Carboniferous Period (Geological Survey of England and Wales, Sheet 87). There is no drift cover.

4. ARCHAEOLOGICAL AND HISTORICAL BACKGROUND

A detailed archaeological and historical desk top study for the site has already been undertaken (CS Archaeology 2006); in the interest of brevity the contents of this report are not repeated here, and the CS Archaeology report should be consulted for the fully history of the area.

The report (CS Archaeology 2006, 21) states that stated that the presence of three Neolithic sites within a 1km radius of the PDA boundary suggested that stray finds of prehistoric date could be present, in addition it was possible that activity associated with a medieval grange/medieval chapel could also be present, and the current field system could be traced back to the 18th century.

5. RESULTS

To avoid repetition a trench by trench summary is not given, instead a site wide description is given grouping the contexts into phases. It should be noted that Trenches 2, 3, 26, 31, 38 and 42-44 did not yield any features and consisted of plough-soil directly above natural. Figure 2 should be consulted for trench locations and the positions of selected archaeological features.

5.1 PHASE 1, NATURALLY OCCURRING DEPOSITS

There were patches of outcropping mudstone/sandstone bedrock (Plate 1) in Trenches 2-3, 5, 8, 9, 11, 12, 18, 27, 29-30, 38 and 44 (in Trenches 2-3 and 41 the bedrock was not allocated individual context numbers but in the remaining trenches it was numbered as contexts 508, 808, 908-9, 1104, 1204, 1802, 2704, 2902-3, 3005, 3802, and 4401).

This mudstone was sealed by deposits of variable composition including;

- a) Grey-brown, to pale-grey, to orange-brown silty-clay flecked with manganese was observed in Trenches 1, 4, 11-2, 15-6, 18-9, 21-4, 40 and 41 (Contexts 103, 412, 1103, 1203, 1503, 1618, 1801, 1904, 2107, 2207, 2303, 2408, and 4101).
- b) Brown-orange silty-sand with occasional pockets of natural gravel was present in Trenches 2-3, 14, 25-6, 30-8, 40 and 42-3 (Contexts 201, 301, 1411, 2504, 2603, 3004, 3101, 3205, 3307, 3403, 3509, 3604, 3706, 3801, 4003, 4201 and 4301).
- c) Orange-brown sometimes slightly silty sandy-clay with patches/flecks of manganese and occasionally decayed mudstone fragments occurred in Trenches 5-6, 17, 29 and 39 (Contexts 505, 603, 1708-9, 2901 and 2907-8 and 3901).
- d) Yellow-pale grey to orange clay sometimes flecked with manganese was seen in Trenches 7-10 (Contexts 705, 807, 907 and 1001).
- e) Variable silty-clay to silty-sand was present in Trench 13 (Context 1308).
- f) Variably coloured sand was recorded in Trenches 27-8 (Contexts 2703 and 2801).

Also included were a number sub-soils of varying composition that were located directly above natural in Trenches 4, 16, 22, 23, 25-6 and 44 (Contexts 401, 403, 1617, 2203, 2208, 2301-2, 2501, 2604, 4402). Plate 2 shows typical natural deposits and the subsoil is visible in several of the subsequent photographs showing deposits in section.

5.2 PHASE 2, POSSIBLE FURROWS

Two possible furrows were present on the site. The first, in Trench 13, was a roughly east-west aligned shallow depression in the upper surface of the natural which was 1.1m wide and 0.12m deep with very gently sloping sides and a slightly concave base (Context 1307). This was infilled with mid grey brown slightly silty clay with occasional fragments of decayed sandstone (Context 1306). The second possible furrow, in Trench 24, had a roughly north-east/south-west alignment 1.3m wide and up to 0.15m deep with a very irregular base (Plate 3). This was infilled with a compact mid slightly orange-brown silty clay (Context 2407). In both cases it was unclear if these were genuine features or simply slight undulations in the upper surface of the natural deposits. No artefacts were recovered from the backfills they are therefore of uncertain date.

5.3 PHASE 3, DITCH

A linear cut aligned almost north-south was present in Trenches 10 and 17 (Contexts 1005 and 1707). In Trench 10 the cut comprised a 0.6m wide and 0.34m deep channel with gently sloping sides and a concave base (Plate 4, Context 1005), while in Trench 17 the cut was up to 0.94m wide and 0.2m deep though it gradually narrowed and became shallower towards the south; it is unclear if the southern end represented a genuine terminus for the ditch or if it

had simply been ploughed out. In Trench 10 the ditch was infilled with mid brown silty-clay (Context 1003) while in Trench 17 it was infilled with mid grey-brown silty-clay (Context 1706). No artefacts were present in the backfill to give any clue as to the date of the ditch, but it predated deposits of 17th century or later date in Trench 10.

5.4 PHASE 4, FIELD DRAINAGE WITH STONY BACKFILLS (17TH CENTURY OR LATER)

To the immediate east of Context 1005 was a 1.5m wide shallower linear, north-south aligned depression, up to 0.22m deep, with an irregular base (the base being pockmarked by stones being pressed in from above); it was unclear if this depression represented a deliberate cut or a linear undulation in the surface of the natural. Sealing this depression (and the adjacent earlier ditch 1005) was a deposit of very compact mid brown silty-clay with frequent large angular stones typically 100 x 100 x 80mm in size (Plate 5, Context 1004). The stones were present throughout the deposit but were concentrated in a linear north-south aligned band in the central portion of the depression; the deposit contained a fragment of brown glazed pottery of 17th or 18th century date (Dr. A. Mainman pers. comm.) and a fragment of pan tile of 17th century or later date (neither find was retained). The uppermost backfill of the depression, again occurring as a linear band in the centre of the depression was loosely-compacted angular stone fragments up to 40 x 30 x 30mm in size (Context 1002).

A similar stone-filled feature was present in Trench 17 (Plate 6), and again, it was stratigraphically directly above the Phase 3 ditch. This feature comprised an almost east-west gully 0.24m wide and up to 0.2m deep (Context 1704), with a second north-west / south-east aligned gully of uncertain width but 0.24m deep (Context 1705) slightly to the south. These features merged into a single broad gully in excess of 2.4m wide over the south-westernmost corner of the trench. The gullies contained a single backfill of mid brown silty-clay with frequent large angular stones typically 100 x 100 x 80mm in size but up to 600 x 250 x 400mm in size (Context 1703). No dating evidence was present within this deposit.

In addition to the features described above there was a field drainage system comprising stone filled drains was present across the site. These have been associated with the trench 10 and 17 features described above on the basis of their stony backfills. The field drains were usually aligned almost north-south or almost east-west, though there was some variation across the site. In the case of Trenches 16 and 23 examples of both alignments were present. The drains were in two sizes, the smaller size being c. 0.15m wide, which fed into larger drains up to 0.6m wide, and Trench 16 clearly showed one of the smaller drains feeding into the larger drain.

Cross-sections were excavated through the larger drains; in Trench 15 (Plate 7) Context 1501-2) where the cut was 0.4m wide and 0.3m deep and backfilled with larger stones up to 220 x 240 x 200mm in size, while in Trench 16 the drain was up to 0.6m wide and 0.34m deep and infilled with stones up to 300 x 100 x 150mm in size (Contexts 1608-9). Representative cross-sections were excavated through the smaller field drains in trenches 4, 11, 13 (Plate 8) and 16 (Contexts 404-5, 1101-2, 1301-2 and 1606-7) which showed that they were on average 0.15m wide and 0.15m deep with pointed or U shaped bases, suggestive of being deep plough-scores. The cuts were infilled with angular stones typically 80 x 60 x 30mm in size set into clay. Similar field drains seen in Trenches 4-9, 13-4, 16-8, 21-7, 32-3, 35-7 and 39-41 were not excavated as it was clear from the exposed surfaces that they were also backfilled with stony deposits (Contexts 406-7, 501-2, 503-4 and 505-6, 601-2, Context 701-2, 801-2, 803-4, 805-6, 903-4, 1303-4, 1405-6, 1615-6, 1701-2, 1805-6, 2101-2, 2105-6, 2201-2, 2306-7, 2308-9, 2310-11, 2401-2, 2403-4, 2405-6, 2410-1, 2502-3, 2601-2, 2701-2, 3201-2, 3301-2, 3305-6, 3501-2, 3503-4, 3505-6, 3507-8, 3602-3, 3702-3, 3704-5, 3902-3, 3904-5, 3906-7, 3908-9, 4001-2, and 4102-3).

Very little dating evidence recovered from any of these contexts; a fragment of pan tile of 17th century or later date within Context 1615. In addition a fragment of a voussoir brick 51-59mm broad, 91mm high and of unknown length was present in Context 404; this was slop-moulded with a turning mark on the base and is 16-18th century or later date (the finds were not retained).

Also included here is a patch of subsoil in Trench 16 comprising firm mid-grey brown clayey-silt (Context 1605) which sealed the field drains of Phase 4, but predated field drains in Phase 6.

5.5 PHASE 5, FIELD DRAINS (POST DATING PHASE 4)

All other field drains seen at the site have been placed in this phase; these drains lacked the stony backfills of the Phase 4 drains, being infilled with clay. Representative sections were excavated through four of these drains which showed that two contained ceramic field drains (Plate 9), while two were backfilled only with clay (Plate 10). The remaining drains were not excavated so could be of either type. As there were no direct stratigraphic relationships between the drains with ceramic pipes and those infilled with clay it is impossible to know how they relate to one another chronologically. These drains do, however, always seem to be later than those of Phase 5 (established stratigraphically in Trenches 9, 14, 16, 21 and 23).

Field drains containing ceramic drainage pipes were present in Trenches 12, 19 and 29 (Contexts 121-2, 1901-3 and 1905, and 2904-6). The Trench 12 drain was aligned north-east/south-west and was 0.4m deep and 0.1m wide containing a ceramic pipe made from segments 80 x 300mm in size backfilled with moderately compact mid brown silty-clay. The Trench 19 drain was aligned almost east-west and was 0.48m wide and in excess of 0.34m deep; it contained a ceramic pipe 110mm in diameter which was sealed by two silty clay deposits. The Trench 19 drain clearly continued into Trench 21 where there was a both a main drain and a feeder drain (Contexts 2103-4 and 2110-2111; these was not excavated as a representative sample had already been excavated in Trench 19). The ceramic field drain in Trench 30 pre-dated the Reema Housing Estate and was aligned north-west / south-east and contained a ceramic pipe made from segments 80 x 300mm in size backfilled with moderately compact mid brown sandy-silt.

Two field drains were backfilled with clay in Trenches 1 and 13. The Trench 1 drain was a 0.26m wide and 0.56m deep linear cut aligned north-west / south-east which lacked an internal clay pipe but was infilled with clay (Contexts 1001-2), while the Trench 13 drain was 0.2m wide and 0.4m deep and was backfilled with clay (Contexts 1309-10). The Trench 1 drain clearly continues into the southern end of Trench 4 (Contexts 408-9) where it was not excavated.

The following field drains were clay filled and therefore related to this phase, but as they were not excavated it is unclear if they contained ceramic pipes or not; Trench 9 Contexts 901-2 and 905-6, Trench 14 Contexts 1403-4, Trench 16 Context 1601-2, 1603-4, 1611-2 and 1613-4, Trench 22 Context 2205-6, Trench 23 Contexts 2304-5, Trench 32 Context 3203-4 and Trench 33 Contexts 3303-4.

5.6 PHASE 6, MODERN FEATURES

5.6.1 MODERN FEATURES WITHIN THE FIELD AREA PREDATING PLOUGH-SOIL

A number of modern features were present; there was an irregularly shaped void in Trench 4 which may represent the remains of a tree root (Context 402). In Trench 7 there was an animal/insect burrow, of which only the base survived the site-machining; this was infilled with thousands of small black seeds approximately 1.5mm in diameter (Context 706). A second burrow void was present in Trench 13; this burrow was 0.36m below ground level which was 0.2 x 0.27m in area and was infilled with bedding straw, a small tunnel 0.06m in diameter led to the surface (Context 1305).

Trench 14 contained three modern features. The first was a small post-hole 0.15m in diameter and 0.13m deep with vertical sides and a concave base (Context 1408) which was

infilled with firm brown-grey silty-clay (Context 1407). The second was part of a sub-rectangular cut which continued beyond the southern limits of excavation but was 0.35m wide and 0.25m deep with vertical to steep sides and a concave base (Context 1410) and was backfilled with firm dark brown-grey silty-clay with patches of re-deposited natural and modern plough-soil within the backfill (Context 1409), containing fragments of modern rubbish. The third feature was the terminus of a linear cut 0.7m wide and in excess of 0.7m deep with vertical sides (Context 1402). This feature was not fully excavated to avoid any risk of section collapse, so its depth is unknown. The cut was infilled with mid grey-brown silty-sand with frequent gravel which contained two fragments of modern glass, one of modern plastic tube 10mm in diameter and a fragment of modern paper towel (Context 1401); none of these finds were retained.

5.6.2 PLOUGH-SOIL

The plough-soil across the site ranged from 0.2-0.4m in thickness and comprised firm dark grey-brown silty-clay ranging to slightly sandy silty-clay with turf roots (Contexts 100, 200, 300, 410-11, 500, 600, 700, 800, 900, 1000, 1100, 1200, 1300, 1400, 1500, 1600, 1700, 1803-4, 1900, 2100, 2204, 2312, 2409, 2500, 2605, 2700, 2800, 3100, 3200, 3300, 3400, 3500, 3600-1, 3700, 3800, 3908-9, 4000, 4104-5, 4200, 4300 and 4403). The inclusions within the plough-soil varied slightly between trenches but included occasional small round pebbles, occasional flecks of manganese, occasional fragments of decayed sandstone / mudstone, and occasional sandstone cobbles; no datable artefacts were recovered from the plough-soil in any of the trenches.

5.6.3 MODERN FEATURES POST-DATING THE PLOUGH-SOIL

A modern bore-hole was present in the northern portion of Trench 7; this cut (Context 704) was almost triangular in plan, 0.28m wide east-west and 0.32m wide north-south, with vertical sides. The cut was infilled with loose angular stones in pale grey silty clay (Context 703). For obvious reasons this cut could not be fully emptied, though it was excavated to the maximum depth possible of 0.6m below ground level. In Trench 34 there was a modern post hole 0.25m in diameter and 0.28m deep (Context 3402) which was backfilled with loose plough-soil and some decaying plastic (Context 3401).

5.6.4 MODERN FEATURES RELATING TO THE REEMA HOUSING ESTATE

Trenches 29-30 were located on the site of the Reema Housing Estate, which was built in the 1970's and recently demolished. Both trenches contained levelling platforms of hardcore associated with houses from this estate. There was no trace of the concrete slab walling of the houses in either trench; presumably these slabs were removed from the site at the time of demolition.

Trench 29 contained a levelling deposit of pink-brown limestone hardcore (Context 2909) 0.08m thick beneath a second deposit of creamy-white hardcore (Context 2910) 0.06m thick which together formed a level platform for the construction of a house (Plate 11). This was beneath a 0.1m thick levelling deposit of soft brown sandy-silt with moderate pebbles and fragments of limestone (Context 2911) which represents a levelling deposit following the demolition of the house on the site.

In Trench 30 there were two disused electricity cables aligned parallel to School Street both of which were of metal cable 0.05m in diameter encased in insulation material. These were c.0.6m below ground level. Between the two cables, but not stratigraphically linked to either, there was a deposit of compacted limestone hardcore which was clearly designed to create a level building platform 11m wide and 0.28m thick. The trench was sealed by a deposit of mid brown moderately compact slightly sandy-silt mixed with modern rubbish including part of a rubber bicycle tyre, fragments of modern glass and fragments of plastic (Context 3000) which represents levelling following demolition of the Reema Housing estate.

6. DISCUSSION

Other than evidence for probable 18th and 19th century field drainage, no other significant archaeological remains were uncovered during this evaluation. The natural was shown to be close to the surface across the entire site, with outcrops of bedrock present in many trenches. The presence of bedrock, and heavy manganese staining with naturally occurring soils had undoubtedly caused many of the anomalies seen in the geophysical survey of the site.

The remains of two possible furrows may indicate medieval or post-medieval agricultural use of the area, but it should be noted that the two features in question could be of natural origin, simply reflecting undulations in the surface of the underlying natural deposits. Ditch 1005/1707, a possible field boundary, was stratigraphically earlier than features dating from the 17th century or later. However, no evidence was recovered which might enable a more accurate date to be ascertained. The majority of the features present were field drains which, generally, had not shown up on the geophysical survey. There were at least three types of field drain, traversing much of the site.

The field had been recently deeply ploughed creating deep furrows aligned almost north-south and a deep furrow or gully across the southern end of the site (visible in Trenches 38,

40 and 42). It is clear that the pattern of linear anomalies identified on the geophysical survey was the result of this deep ploughing.

7. ACKNOWLEDGEMENTS

Site work	J.M. McComish, B. Reeves and J. Williams
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8. BIBLIOGRAPHY

CS Archaeology, 2006. *Land north of Thurnscoe, South Yorkshire: Archaeological Desk Based Assessment*.

Institute for Archaeologists 1994. (updated October 2008) *Standards and Guidance: Field Evaluation*

9. DRAWINGS



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Figure 1 Site location

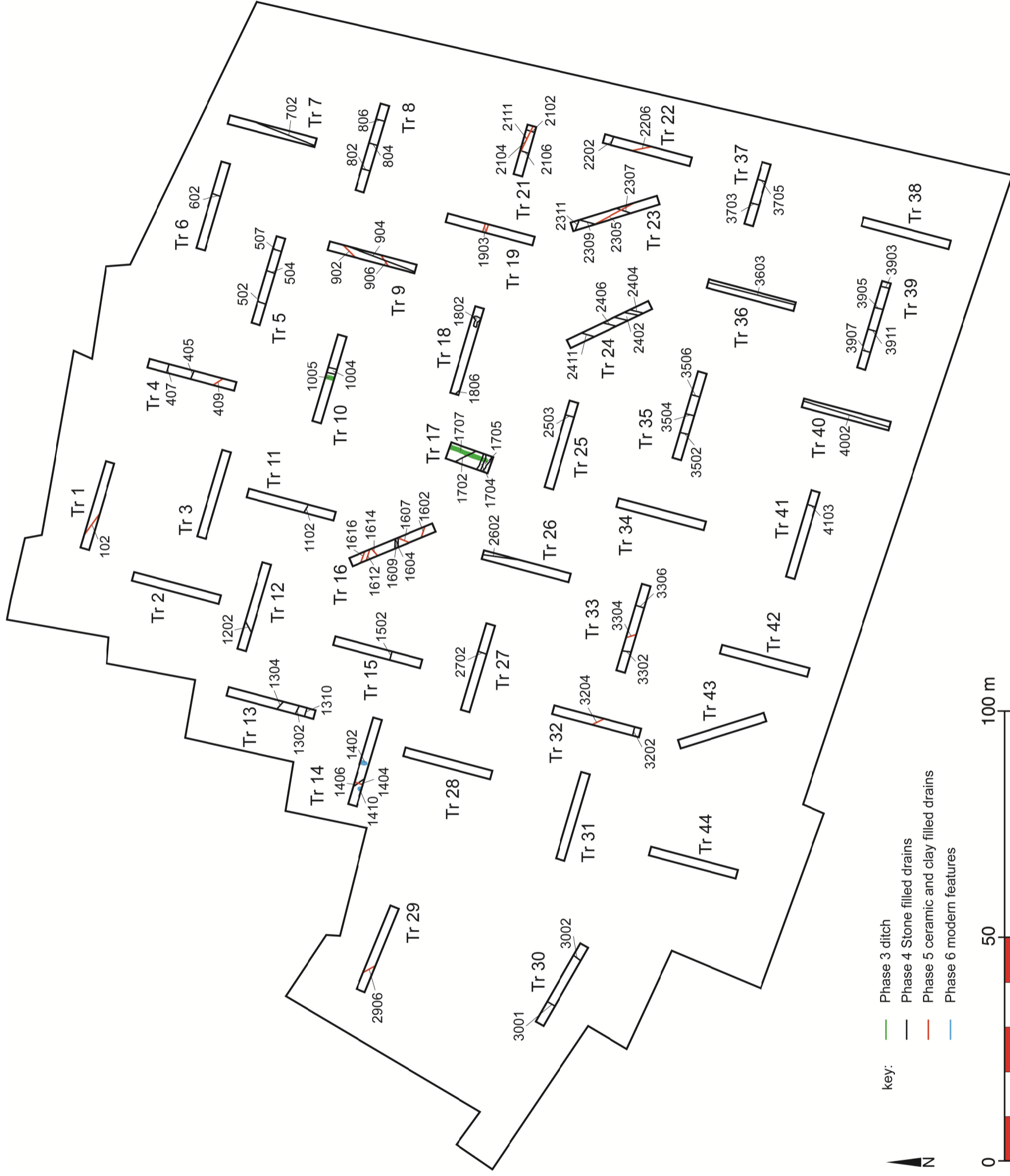


Figure 2 Trench location and results of excavation

APPENDIX 1: GROUND LEVEL FOR EACH TRENCH AOD

Trench	N	E	S	W
1		52.96m		53.1m
2	52.84m		53.1m	
3		53.64m		53.96m
4	54.10m		54.02m	
5		53.96m		53.86m
6		54.39m		54.12m
7	54.52m		54.29m	
8		53.77m		53.56m
9	53.42m		53.28m	
10		53.26m		53.16m
11	53.58m		52.74m	
12		53.16m		53.08m
13	53.12m		52.49m	
14		52.10m		51.98m
15	52.53m		52.18m	
16	52.69m		52.37m	
17	52.58m		52.63m	
18		52.52m		52.64m
19	53.46m		52.91m	
21	53.18m		53.41m	
22		53.21m		53.51m
23	52.81m		53.26m	
24	53.21m		53.29m	
25		53.10m		52.96m
26	52.51m		52.68m	
27		52.58m		52.39m
28	52.16m		52.15m	
29		51.91m		51.52m
30		52.79m		52.32m
31		52.55m		52.62m
32	52.64m		52.87m	
33		53.12m		52.81m
34	53.18m		53.61m	
35		53.48m		53.52m
36	53.52m		53.42m	
37		53.19m		53.32m
38	53.48m		53.38m	
39		53.32m		53.17m
40	53.58m		53.16m	
41		53.49m		53.61m
42	53.48m		53.81m	
43	53.28m		53.59m	
44	53.21m		53.62m	

APPENDIX 2: PHOTOGRAPHIC CATALOGUE

Digital photo No.	Trench	Description	Exposure No on B&W film	view
1	-	Void	-	-
2	-	View of fencing	-	-
3	-	Site view	-	s-e from n-w corner
4	-	Site view	-	s-e from n-w corner
5	-	Site view	-	s-w from n-e corner
6	-	Site view	-	n-e from s-w corner
7	-	Site view	-	n-w from s-e corner
8	-	Site view	-	n-e from s-w corner
9	-	Site view showing cabins from south end of site	-	n-w
10	29	Full trench view		w
11	29	Full trench view		w
12	29	North-facing Section		s
13	29	North-facing Section		s
14	30	Information board	Film 1/ exp 8	-
15	30	Full trench view		w
16	30	Full trench view		w
17	30	North-facing Section		s
18	1	Full trench view	1/13	e
19	1	Full trench view		e
20	2	Full trench view	1/16	n
21	2	Full trench view		n
22	3	Full trench view	1/18	e
23	3	Full trench view		e
24	4	Full trench view	1/20	n
25	4	Full trench view		n
26	5	Full trench view	1/22	e
27		Full trench view		e
28	6	Full trench view	1/24	e
29	6	Full trench view		e
30	7	Full trench view	1/26	n
31	7	Full trench view		n
32	8	Full trench view	1/27	n
33	8	Full trench view		n
34	13	Detail of field drain 1309	1/30	n
35	13	Detail of field drain 1309	1/30	n
36	13	Detail of field drain 1302	1/31	e
37	13	Detail of field drain 1304	1/32	e
38	13	Detail of feature 1306	1/34	e
39	13	East-facing section	Film 1/35	w
40	8	Full trench view	Film 2/1	e
41	8	Full trench view	Film 2/1	e
42	9	Full trench view	Film 2/3	n
43	9	Full trench view	Film 2/3	n
44	10	Full trench view	2/5	e
45	10	Full trench view	2/5	e
46	12	Full trench view	2/7	e
47	12	Full trench view	2/7	e
48	12	South-facing section		e
49	12	Detail of field drain 1201	2/10	w
50	12	Detail of bedrock	2/11	w
51	14	Full trench view	2/13	e

52	14	Full trench view		e
53	15	Full trench view	2/15	n
54	15	Full trench view		n
55	11	Full trench view	2/17	n
56	11	Full trench view		n
57	11	Detail of stone filled field drain 1101	2/19	n
58	11	West-facing section	2/20	e
59	11	West-facing section	2/20	e
60	11	Detail of bedrock	2/21	e
61	11	Detail of bedrock	2/21	e
62	11	Full trench view	2/22	n-w
63	11	Full trench view	2/22	n-w
64	18	Full trench view	2/24	e
65	18	Full trench view		e
66	19	Full trench view	2/26	n
67	19	Full trench view		n
68	4	Detail of unexcavated stone filled field drain 406/407 after removal of subsoil	2/34	e
69	4	East-facing section showing profile of field drain 404/405		w
70	4	Showing detail of Field drain 404/405		e
71	4	North-facing section	3/2	s
72	4	North-facing section		s
73	1	Detail of drain 101/102	3/5	s-e
74	1	Detail of drain 101/102		s-e
75	2	East-facing section	3/6	w
76	2	East-facing section		w
77	3	North-facing section	3/10	s
78	3	North-facing section		s
79	5	North-facing section	3/12	s
80	5	North-facing section		s
81	6	North-facing section	3/14	s
82	6	North-facing section		s
83	7	Detail of 703	3/16	n
84	7	Detail of 703		n
85	7	West-facing section	3/18	e
86	7	West-facing section		e
87	7	Detail of field drain 701	3/20	n
88	7	Showing line of field drain 701		n
89	8	South-facing section	3/21	w
90	8	South-facing section		w
91	9	Field drain	3/23	w
92	9	Field drain		w
93	9	East-facing section	3/25	w
94	10	Detail of 1002-4 pre-excavation	3/27	n
95	10	Detail of 1002-4 pre-excavation		n
96	10	South-facing section	3/29	n
97	10	South-facing section		n
98	10	General view of 1002-4 post-excavation	3/31	n
99	10	General view of 1002-4 post-excavation		n
100	10	General view of 1002-4 post-excavation		n
101	19	East-facing section	3/34	w
102	19	East-facing section		w
103	18	Patch of stone, probable bedrock	4/1	w
104	18	Patch of stone, probable bedrock	4/1	w
105	18	South-facing section	4/4	n
106	18	South-facing section		n
107	13	Field drain 1310	4/6	e
108	13	Field drain 1310		e
109	14	Modern feature 1401-2		n
110	14	Modern feature 1401-2, south facing section		n
111	14	North-facing section	4/10	s
112	14	North-facing section		s

113	14	Possible post-hole 1408	4/12	w
114	14	Possible post-hole 1408		w
115	15	East-facing section	4/14	w
116	15	East-facing section		w
117	16	South-facing section	4/16	n
118	16	South-facing section		n
119	21	Full trench view	4/18	e
120	21	Full trench view		e
121	21	South-facing section	4/20	n
122	21	South-facing section		n
123	22	Full trench view	4/22	n
124	22	Full trench view		n
125	22	East-facing section	4/24	w
126	22	East-facing section		w
127	23	Full trench view	4/26	n-w
128	23	Full trench view		n-w
129	23	North-east-facing section	4/28	s-w
130	23	North-east-facing section		s-w
131	24	Full trench view	4/30	n-w
132	24	Full trench view		n-w
133	24	South-west-facing section	4/32	n-e
134	24	South-west-facing section		n-e
135	24	Detail of unexcavated drainage ditch 2401-2 (foreground) with 2403-4 (top)		n-e
136	25	Full trench view	5/1	e
137	25	Full trench view		e
138	25	South-facing section	5/3	n
139	25	South-facing section		n
140	26	Full trench view	5/5	n
141	26	Full trench view		n
142	26	West-facing section with detail of enormous finger	5/7	e
143	26	West-facing section		e
144	27	Full trench view	5/9	e
145	27	Full trench view		e
146	27	South-facing section	5/	n
147	27	South-facing section		n
148	28	Full trench view	5/13	n
149	28	Full trench view		n
150	28	East-facing section	5/16	w
151	28	East-facing section		w
152	31	Full trench view	5/18	w
153	31	Full trench view		w
154	31	North-facing section	5/20	s
155	31	North-facing section		s
156	32	Full trench view	5/22	n
157	32	Full trench view		n
158	32	East-facing section	5/24	w
159	32	East-facing section		w
160	33	Full trench view	5/26	w
161	33	Full trench view		w
162	33	North-facing section	5/28	s
163	33	North-facing section		s
164	34	Full trench view	5/30	n
165	34	Full trench view		n
166	34	East-facing section	5/32	w
167	34	East-facing section		w
168	35	Full trench view	5/34	w
169	35	Full trench view		w
170	35	North-facing section	5/36	s
171	35	North-facing section		s
172	36	Full trench view	6/1	n
173	36	Full trench view		n
174	36	East-facing section	6/3	w

175	36	East-facing section		w
176	37	Full trench view	6/5	w
177	37	Full trench view		w
178	37	North-facing section	6/7	s
179	37	North-facing section		s
180	38	Full trench view	6/9	n
181	38	Full trench view		n
182	38	East-facing section	6/11	w
183	38	East-facing section		w
184	39	Full trench view	6/13	w
185	39	Full trench view		w
186	39	South-facing section	6/15	n
187	39	South-facing section		n
188	40	Full trench view	6/17	n
189	40	Full trench view		n
190	40	East-facing section	6/19	w
191	40	East-facing section		w
192	41	Full trench view	6/21	w
193	41	Full trench view		w
194	41	North-facing section	6/23	s
195	41	North-facing section		s
196	42	Full trench view	6/25	n
197	42	Full trench view		n
198	42	West-facing section	6/27	e
199	42	West-facing section		e
200	43	Full trench view	6/29	n-w
201	43	Full trench view		n-w
202	43	South-west-facing section	6/31	n-e
203	43	South-west-facing section		n-e
204	44	Full trench view	6/33	n
205	44	Full trench view		n
206	44	West-facing section	6/35	e
207	44	West-facing section		e
208	17	Full trench view	6/36	n
209	17	Full trench view		n
210	17	Detail of features 1703-5	-	w
211	17	Detail of features 1703-5	-	w
212	17	Detail of features 1703-5	-	n
213	17	North-facing section	-	s
214	17	North-facing section	-	s
215	17	West-facing section	--	e
216	17	West-facing section	-	e
217	N/A	Boots and ranging pole	-	-
218	N/A	General view	-	n-e from w side
219	N/A	General view	-	s-e from w side
220	N/A	General view	-	s-s-e from w side

NB. Due to a processing accident, Film 2 was damaged and Film 4 was destroyed.

APPENDIX 3: CONTEXT LIST

Context Number	Brief description	
100	Topsoil	Trench 1
101	Drain backfill	Trench 1
102	Drain cut	
103	Subsoil	
200	Topsoil	Trench 2
201	Natural	
300	Topsoil	Trench 3
301	Natural	
401	Patch of manganese	Trench 4
402	Natural void	
403	Patch of manganese	
404	Drain backfill	
405	Drain cut	
406	Drain backfill	
407	Drain cut	
408	Drain backfill	
409	Drain cut	
410	Subsoil	
411	Topsoil	
412	Natural	
500	Ploughsoil	Trench 5
501	Drain backfill	
502	Drain cut	
503	Drain backfill	
504	Drain cut	
505	Natural	
506	Drain backfill	
507	Drain cut	
508	Bedrock outcrop	
600	Ploughsoil	Trench 6
601	Drain backfill	
602	Drain cut	
603	Natural	
700	Ploughsoil	Trench 7
701	Drain backfill	
702	Drain cut	
703	Borehole backfill	
704	Borehole	
705	Natural	
706	Animal burrow	
800	Ploughsoil	Trench 8
801	Drain backfill	
802	Drain cut	
803	Drain backfill	
804	Drain cut	
805	Drain backfill	
806	Drain cut	
807	Natural	
808	Natural	
900	Ploughsoil	Trench 9
901	Drain backfill	
902	Drain cut	
903	Drain backfill	
904	Drain cut	
905	Drain backfill	
906	Drain cut	
907	Natural	
908	Natural bedrock	
909	Natural bedrock	

1000	Ploughsoil	Trench 10
1001	Natural	
1002	Ditch backfill	
1003	Ditch backfill	
1004	Secondary ditch backfill	
1005	Ditch cut	
1100	Ploughsoil	Trench 11
1101	Drain backfill	
1102	Drain cut	
1103	Subsoil	
1104	Natural bedrock	
1200	Ploughsoil	Trench 12
1201	Drain backfill	
1202	Drain cut	
1203	Subsoil	
1204	Natural	
1300	Ploughsoil	Trench 13
1301	Drain backfill	
1302	Drain cut	
1303	Drain backfill	
1304	Drain cut	
1305	Animal burrow	
1306	Ploughsoil	
1307	Ploughscar / irregularity in natural	
1308	Natural	
1309	Drain backfill	
1310	Drain cut	
1400	Ploughsoil	Trench 14
1401	Pit backfill	
1402	Pit cut	
1403	Drain backfill	
1404	Drain cut	
1405	Drain backfill	
1406	Drain cut	
1407	Post-hole backfill	
1408	Post-hole void (driven post)	
1409	Backfill (unknown modern feature)	
1410	Cut (unknown modern feature)	
1411	Natural	
1500	Ploughsoil	Trench 15
1501	Drain backfill	
1502	Drain cut	
1503	Natural	
1600	Ploughsoil	Trench 16
1601	Drain backfill	
1602	Drain cut	
1603	Drain backfill	
1604	Drain cut	
1605	Natural	
1606	Drain backfill	
1607	Drain cut	
1608	Drain backfill	
1609	Drain cut	
1610	Void number	-
1611	Drain backfill	
1612	Drain cut	
1613	Drain backfill	
1614	Drain cut	
1615	Drain backfill	
1616	Drain cut	
1617	Subsoil	
1618	Natural	
1700	Ploughsoil	Trench 17

1701	Drain backfill	
1702	Drain cut	
1703	Drain / ditch backfill	
1704	Drain / ditch cut	
1705	Drain / ditch cut	
1706	Ditch / drain backfill	
1707	Ditch / drain cut	
1708	Subsoil	
1709	Natural	
1801	Natural	Trench 18
1802	Natural bedrock	
1803	Subsoil	
1804	Ploughsoil	
1805	Drain backfill	
1806	Drain cut	
1900	Ploughsoil	Trench 19
1901	Drainbackfill	
1902	Ceramic drain-pipe	
1903	Drain cut	
1904	Natural	
1905	Drain backfill	
2101	Drain backfill	Trench 21
2102	Drain cut	
2103	Drain backfill	
2104	Drain cut	
2105	Drain backfill	
2106	Drain cut	
2107	Natural	
2108	Subsoil	
2109	Ploughsoil	
2201	Drain backfill	Trench 22
2202	Drain cut	
2203	Natural manganese patch	
2204	Ploughsoil	
2205	Drain backfill	
2206	Drain cut	
2207	Natural	
2208	Subsoil	
2301	Subsoil	Trench 23
2302	Natural	
2303	Natural	
2304	Drain backfill	
2305	Drain cut	
2306	Drain backfill	
2307	Drain cut	
2308	Drain backfill	
2309	Drain cut	
2310	Drain backfill	
2311	Drain cut	
2312	Ploughsoil	
2401	Drain / ditch backfill	Trench 24
2402	Drain / ditch cut	
2403	Drain backfill	
2404	Drain cut	
2405	Drain backfill	
2406	Drain cut	
2407	Subsoil	
2408	Natural	
2409	Ploughsoil	
2410	Drain backfill	
2411	Drain cut	
2500	Ploughsoil	Trench 25
2501	Subsoil	

2502	Drain backfill	
2503	Drain cut	
2504	Natural	
2601	Drain backfill	Trench 26
2602	Drain cut	
2603	Natural	
2604	Subsoil	
2605	Ploughsoil	
2700	Ploughsoil	Trench 27
2701	Drain backfill	
2702	Drain cut	
2703	Natural	
2704	Natural bedrock	
2800	Ploughsoil	Trench 28
2801	Natural	
2901	Natural	Trench 29
2902	Natural sandstone	
2903	Natural	
2904	Drain backfill	
2905	Ceramic drain pipe	
2906	Drain cut	
2907	Natural	
2908	Natural	
2909	Modern levelling deposit	
2910	Modern levelling deposit	
2911	Turf	
3000	Turf	Trench 30
3001	Modern levelling deposit	
3002	Electricity cable	
3003	Electricity cable	
3004	Natural	
3005	Natural	
3100	Ploughsoil	Trench 31
3101	Natural	
3200	Ploughsoil	Trench 32
3201	Drain backfill	
3202	Drain cut	
3203	Drain backfill	
3204	Drain cut	
3205	Natural	
3300	Ploughsoil	Trench 33
3301	Drain backfill	
3302	Drain cut	
3303	Drain backfill	
3304	Drain cut	
3305	Drain backfill	
3306	Drain cut	
3307	Natural	
3400	Ploughsoil	Trench 34
3401	Post-hole backfill	
3402	Post-hole	
3403	Natural	
3500	Ploughsoil	Trench 35
3501	Drain backfill	
3502	Drain cut	
3503	Drain backfill	
3504	Drain cut	
3505	Drain backfill	
3506	Drain cut	
3507	Drain backfill	
3508	Drain cut	
3509	Natural	
3600	Ploughsoil	Trench 36

3601	Subsoil	
3602	Drain backfill	
3603	Drain cut	
3604	Natural	
3700	Ploughsoil	Trench 37
3701	Subsoil	
3702	Drain backfill	
3703	Drain cut	
3704	Drain backfill	
3705	Drain cut	
3706	Natural	
3800	Ploughsoil	Trench 38
3801	Subsoil	
3802	Natural / bedrock	
3901	Natural	Trench 39
3902	Drain backfill	
3903	Drain cut	
3904	Drain backfill	
3905	Drain cut	
3906	Drain backfill	
3907	Drain cut	
3908	Subsoil	
3909	Ploughsoil	
3910	Drain backfill	
3911	Drain cut	
4000	Ploughsoil	Trench 40
4001	Drain backfill	
4002	Drain cut	
4003	Natural	
4101	Natural	Trench 41
4102	Drain backfill	
4103	Drain cut	
4104	Ploughsoil	
4105	Subsoil	
4200	Ploughsoil	Trench 42
4201	Natural	
4300	Ploughsoil	Trench 43
4301	Natural	
4401	Natural	Trench 44
4402	Subsoil	
4403	Ploughsoil	

10. PLATES

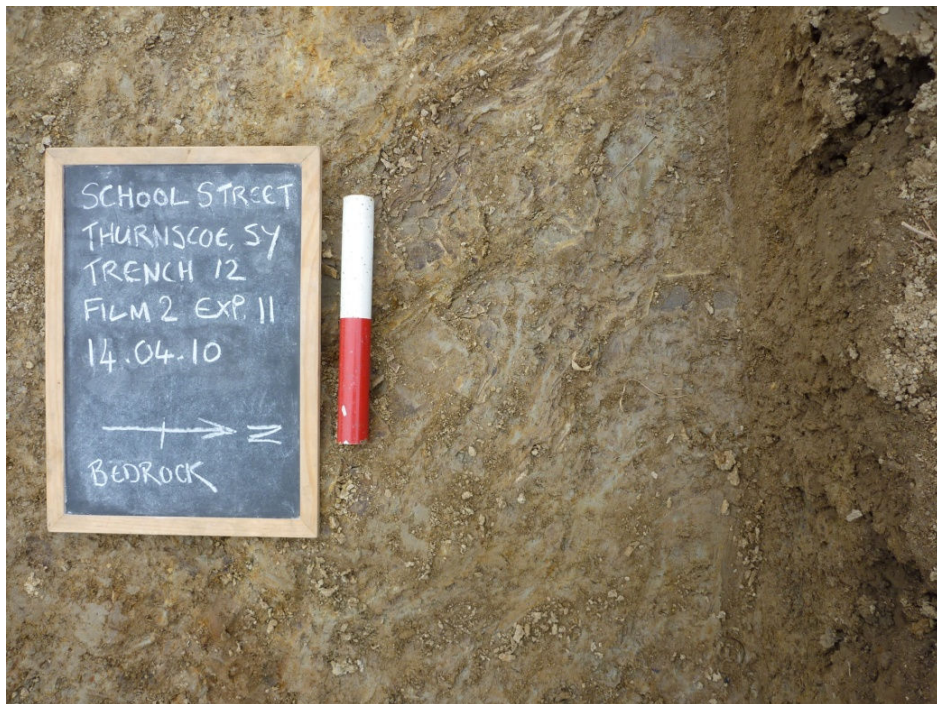


Plate 1 Digital Photograph 50, outcropping Bedrock in Trench 12



Plate 2 Digital Photograph 91, typical natural deposits cut by a land drain in Trench 9



Plate 3 Digital Photograph 133, possible plough furrows or undulations in natural deposits shown in south-west facing section of Trench 24.



Plate 4 Digital Photograph 99, Trench 10, showing Ditch 1005, left, after excavation



Plate 5 Digital Photograph 94, Deposits 1002-4 prior to excavation



Plate 6 Digital Photograph 209, stone deposit 1703 (left of foreground), Trench 17



Plate 7 Digital Photograph 115, stone-filled land drain cut, Trench 15



Plate 8 Digital Photograph 36, stone-filled land drain cut, Trench 13



Plate 9 Digital Photograph 49, land drain cut containing extruded ceramic pipes, Trench 12



Plate 10 Digital Photograph land drain cut (102) containing clay backfill, Trench 1



Plate 11 *Digital Photograph 11, sub-base layer related to recently demolished modern house*