

ROMAN FIELDS CAMPDOWN

Archaeological Evaluation Report

For Dandara Southern Ltd

Cornelius Barton MCIfA FSA

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Client: Dandara Southern Ltd

Local Authority: Havant Borough Council

NGR: 469085, 107012

Planning App: APP/23/00488

Author(s): Cornelius Barton

Doc Ref: BH24005-AER-V1.3

Date: December 24

Site Code: BH24005

Info@beltaneheritage.com

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Abstract

This document describes the results of an archaeological evaluation carried out at Roman Fields, Campdown, Havant. The works were carried out by Beltane Heritage on behalf of Dandara Southern Ltd.

A total of 57 evaluation trenches were excavated across the site to investigate the potential for buried archaeological deposits or features. Trench 57, at the south side of the site, was excavated to look for specifically prehistoric material.

Trench 57 contained a small quantity of unstratified struck flint. There were no stratified archaeological remains but this may be due to later truncation. It is recommended that a watching brief be undertaken in this area during the early stages of development.

The remaining trenches did not contain any archaeological remains. It is recommended that no further archaeological work needs to be undertaken in the main trenching area.

1. Introduction

- 1.1. This document describes the results of an archaeological evaluation at Roman Fields, Campdown, Havant (Figure 1). The document has been prepared in support of planning application APP/23/00488. The local authority is Havant Borough Council (HBC) who take archaeological advice from Hampshire County Council (HCC).
- 1.2. The site lies directly to the south of Scheduled Ancient Monument No. 1001859, Roman Villa and Section of Roman Road.
- 1.3. The archaeological evaluation was carried out by Cornelius Barton and Matt Law of Beltane Heritage on behalf of Dandara Southern Limited October 2024. This report has been prepared by Cornelius Barton, with contributions from Matt Law and Mark Stewart.
- 1.4. The site is located east of College Road, Havant (Figure 2). The works involved the excavation of 56 trenches measuring 30m by 2m and 1 trench measuring 10m by 10m at predefined locations (Figure 3). The works were undertaken in accordance with an approved written scheme of investigation (WSI), submitted to and approved by HCC.
- 1.5. The work was carried out in accordance with the Chartered Institute for Archaeologists (CIfA) Standard and Guidance for an archaeological evaluation (CIFA, 2020).

2. Site Background

2.1.PLANNING

- 2.1.1. A planning application for the development of 628 dwellings at the site, with associated car parking, open space, landscaping services and access road was submitted to Havant Borough Council in June 2023 (ref. APP/23/00488). The site layout is being revised and will propose a reduced number of dwellings. A working draft revised layout plan is included (Figure 8) but this will be subject to further revisions, to be submitted in due course.
- 2.1.2. In December 2023 the Ministry for Housing Communities and Local Government (HCLG) issued the *Revised National Planning Policy Framework* (NPPF)(DLUHC, 2021). Chapter 16 of the NPPF sets out planning policies on the conservation and enhancement of the historic environment.
- 2.1.3. The NPPF requires the applicant to provide proportionate information on heritage assets affected by the proposals and an assessment of the impact of the proposed development on the significance of the heritage asset. It also places a duty on the decision making body to determine applications on the basis of sufficient evidence, gathered if necessary from field evaluation.
- 2.1.4. In considering any planning application for development the Local Planning Authority, HBC, must also consider the policy CS11 within the Havant Borough Core Strategy (adopted 2011) (HAVANT BOROUGH COUNCIL, 2011). On matters concerning archaeology and the historic environment HBC are advised by the Historic Environment Team (HET) at Hampshire County Council.
- 2.1.5. The site area has been proposed for development several times previously- for a full summary of previous applications see the Desk Based Assessment (Barton 2023). Archaeological works had taken place at the southern area of the proposed development but a strip of approximately 9.6ha of the site at the north remained to be investigated. David Hopkins, Senior Archaeologist of the HCC Historic Environment Team therefore recommended that further archaeological evaluation was required in this area, in order to inform the

final planning decision.

2.2.GEOLOGY

- 2.2.1. The British Geological Survey GeoIndex (BGS, 2024) shows a varied bedrock geology of the site, reflecting its location upon the Bere Forest Syncline, the downward curve of the geological fold that formed Portsdown Hill at the southernmost edge of the Hampshire Basin.
- 2.2.2. Superficial Head (clayey hillwash) is more prevalent towards the south, where the profile rises towards the foot of Portsdown Hill. Head is a very gravelly, silty, sandy clay to clayey sandy gravel, with variable proportions of coarser granular material (ALLEN, 2019).
- 2.2.3. The most recent geological bedrock formation (clay deposits of the Wittering Formation) is found across the northernmost part of the site, with the majority of the site area lying above London Clay Formation, with the oldest bedrock deposit (Portsdown Chalk Formation) running east to west across the southernmost area of the site.
- 2.2.4. The underlying chalk is the principal aquifer that provides much of Portsmouth and its environs with water. The relatively high groundwater levels in the South Downs provide the driving head for groundwater levels to flow through the chalk under the overlying deposits in the centre of the Bere Forest Syncline to emerge at a series of springs (KING, 2019). This is what has resulted in an east-west 'spring line', approximately following the north edge of Portsdown Hill. It is therefore likely that a fresh water source has always been on or near the site.

2.3.TOPOGRAPHY

- 2.3.1. The site is situated on a gentle north to south slope at the northeast foot of the Portsdown Hill, approximately 3km west of Havant and 1.6km north of the coast at Broad Marsh.
- 2.3.2. The site occupies an irregular parcel of pasture land and is bounded by

hedgerows with some mature trees to the north, east and south. It is bounded by open field properties to the northwest (HSDC South Downs College) and to the south (pasture and a golf course), and by Littlepark Wood to the northeast, by College Road to the west and Scratchface Lane to the east.

2.3.3. The profile of the site slopes down from the north, at approximately 57m OD, to south, at approximately 28m OD. Two valleys traverse the site from the northwest to the southeast and the from the west to the east, meeting near the southern edge of the site.

2.3.4. The site is located over a geological ‘spring line’ and historically contained a pond. An intermittently subterranean spring-fed stream crosses the southwest area of the site from the north and continues eastward along the southern border to join the Hermitage Stream, just over 1km away to the east at Bedhampton. This is visible on current large scale OS mapping, described as ‘issues’, ‘spreads’ and ‘collects’.

2.3.5. The site is currently under pasture.

2.4.ARCHAEOLOGY AND HISTORY

2.4.1. A brief summary of the history and archaeology of the site is outlined below. For a more detailed description please refer to the Heritage Statement (GOVIER, forthcoming).

ROMAN VILLA

2.4.2. Part of the footings of the Roman villa (23245) were discovered in 1925 and partially excavated by Mr. G. Smith of Purbrook (BRADING, 2005). The archived notes were reassessed by G. Soffe in a 1973 survey (SOFFE, 1973) (SOFFE, 1974) (DICKS, 2011) but never fully published.

2.4.3. In 2018 a total of 61 trenches were opened in an archaeological evaluation targeting a 7ha area around the Scheduled Monument to the north of the site. This further defined sections of the Roman road, and revealed a series of walls and foundations, a possible structure and a possible kiln within the villa complex.

- 2.4.4. The evaluation determined that the villa complex was located to the north of the Roman road, and did not extend further to the south.

1993 EVALUATION

- 2.4.5. An evaluation involving 76 trenches over 15.6ha, including 59 trenches across 12ha in the southern half of the site, immediately to the south of the area covered by this report, took place in advance of a proposed residential development in 1993 (Anon, 1993).
- 2.4.6. A layer of small to medium fragments of burnt flint was revealed around the erstwhile pond in the southwest area of the site. The layer contained a flint blade with characteristically Mesolithic retouch and a possible burin was recovered nearby, raising the possibility of a small Mesolithic site utilising the fresh water source.
- 2.4.7. Elsewhere within the area of the site, flint material of Mesolithic date and Neolithic or Bronze Age period scrapers were found in trenches. Prehistoric and Roman pottery and Roman ceramic building material were also found in small quantities throughout the site.
- 2.4.8. The results were interpreted as possibly representing a high intensity of flint working in the later Prehistoric periods somewhere on the chalk downs to the south of the site, with more localised and small-scale activity in the Mesolithic period in the region of the independent water source at the west of the site.

PREVIOUS DEVELOPMENT

- 2.4.9. Prior to the 20th century the site was under pasture to the east, and partially covered by Crookthorn Wood to the west. The 1937 and 1991 OS maps show a rectangular structure in the western area of the site, presumably a barn or similar building. This has since been demolished.

3. Aims

3.1. The general aim of the evaluation was to determine the character, date, location and preservation of any archaeological remains on the site, and to gather enough information to understand the site and its significance as fully as possible in order to place the site within the wider archaeological landscape.

3.2. The specific aims of the evaluation were:

- ◇ To investigate the presence or absence of prehistoric activity on the site, specifically the potential for *in situ* Mesolithic activity in the southern area (Tr 57)
- ◇ To investigate the presence or absence of Roman or Medieval activity on the site, specifically any Roman features associated with the villa

3.3. The purpose of the evaluation was to collect enough information on the buried archaeological remains to allow a suitable mitigation strategy to be devised.

4. Methodology

- 4.1. For a full description of the archaeological methodology please refer to the Written Scheme of Investigation (WSI) (Barton, 2024)
- 4.2. All works were carried out in accordance with the *Code of Conduct* as set out by the CIfA (CIfA, 2020).
- 4.3. Fifty-six 30m x 2m trenches were excavated across the site. One 10 x 10 trench was excavated to the south of the main evaluation area. All trench locations were agreed with HBC in advance via the approved WSI.
- 4.4. The positions of trenches 17, 32, 34, 35, 37 were altered slightly from the proposed locations in the WSI in order to avoid dense vegetation which formed protected animal habitats. Trench 54 was substantially relocated for similar reasons (see Figure 4). None of the relocations compromised the aims of the evaluation as agreed in the WSI.
- 4.5. Trenches were excavated using appropriately sized plant with a 2m wide toothless ditching bucket.
- 4.6. Examination and cleaning of all archaeological deposits was by hand using appropriate hand tools. All archaeological deposits were examined and recorded both in plan and section. The sections were hand drawn and the features were surveyed in using a GPS.

5. Results

TRENCHES 1-56

- 5.1.No archaeological features were present in any of the trenches in the main evaluation area. The basic stratigraphic sequence across the site consisted of a mid grey-brown silty clay topsoil. Below this in most of the trenches was a subsoil of mid-to-dark yellow-brown silty clay. This overlay the natural head deposits of mixed clay and gravel.
- 5.2.The topsoil and subsoil deposits varied in depth between 0.10m and 0.41m, generally deeper on the lower areas of the site and shallower at the top of the slopes.
- 5.3.In Trenches 4 and 8 the subsoil was not present. These trenches contained mixed deposits of clay with building rubble, brick, concrete and assorted rubbish of mid-20th century origin. These appeared to be demolition deposits, presumably related to the removal of 20th century structures described in 2.4.9.
- 5.4.The only other features present were land drains and a pipe-trench, both of modern origin.

TRENCH 57 REPORT

by Dr. Matt Law (PastEnvironments)

INTRODUCTION

- 5.5.High potential for Mesolithic activity close to a spring line had been identified at the south western area of the site. This was investigated through a trench supervised by Dr Matt Law of PastEnvironments on 7-8 October 2024. The trench was moved to the north of the proposed location, as the area originally proposed was covered by trees and dense vegetation.
- 5.6.The aims of the investigation were:
- ◇ To clarify the nature, extent, date and preservation conditions of any flint scatters on the site
 - ◇ To investigate whether the deposit sequences at the south west of the site

contain any artefact or ecofact evidence for Mesolithic human activity

- ◇ To investigate whether the sequences contain any evidence for natural resource exploitation during the Mesolithic
- ◇ To integrate the new record with other work at the site for creation of a grey literature report and publication in suitable journal if appropriate
- ◇ To adhere to the research agenda for Mesolithic archaeology framed in the *National Mesolithic Research Framework* (<https://researchframeworks.org/meso/>)

METHODS

5.7. An area of 10m x 10m, designated as Trench 57 (Figure 1), was close mown under supervision of a qualified ecologist and then excavated using a Hitachi ZX210-LC 23 tonne mechanical excavator under archaeological supervision. Turf and topsoil were cleared and then excavated proceeded in spits of 10cms. On completion of each spit, the area was walked over and 100 litres of the excavated material searched through by hand over a 10mm mesh griddle. The location of the trench and of any flints scattered were recorded in three dimensions using a Leica SmartRover real time kinometric (RTK) GNSS receiver. Sedimentary units encountered were recorded on a standard pro forma.

RESULTS AND DISCUSSION

5.8. The trench was situated adjacent to a small swampy stand of alder with spindle, the site of the spring line. The modern ground surface falls from 37.02m OD at the west of the trench to 36.39m at the east.

5.9. The topsoil, context (5701), was a greyish brown sandy clay, up to 0.15m thick, underneath tussocky damp grass (Table 1). No archaeological finds were encountered in this context.

5.10. This was underlain by a subsoil deposit (5702). The transition between the two deposits was abrupt. This deposit was a mid yellowish-brown silty clay, up to 0.3m thick (Table 1). The deposit contained occasional small flint pebbles forming a

spread in the eastern portion of the trench with a surface at around 36.4m OD. This deposit contained a single worked flint, a piece of debitage and numerous burnt flints, although the sedimentary matrix did not exhibit the rubification that might be expected in the event of burning in situ, nor was any evidence of fuel recorded. It is likely that this deposit represents an old ground surface that has lost its organic component through oxidation, and that the unworked flints are derived from late Glacial solifluction processes. These would have provided a source for flint working and heating, although it is likely that the anthropogenically altered flints encountered in Trench 57 derive from a site of activity close by the east of the trench, closer to the spring within the alder stand.

5.11. Underlying this deposit was a firm light yellowish brown clay with frequent blue-grey mottles (context 5703)(Table 1). The transition to this context was gradual, with rare flints within the uppermost 5cm, becoming stone free below 5cms. This context was interpreted as a weathered surface of the geological London Clay.

5.12. Table 1: Stratigraphic Units encountered in Trench 57

Context	Description	Interpretation	Thickness (m)
5701	Mid greyish brown sandy clay. Fine sand. Frequent rootlets. Occasional small flint pebbles, sub-rounded to sub-angular, up to 120mm max length.	Topsoil	0.15
5702	Mid yellowish brown silty clay. Some fine sand. Rare rootlets. Occasional small flint pebbles, sub-rounded to sub-angular, up to 100mm max length.	Subsoil with gravel from solifluction	0.3
5703	Light yellowish brown clay with frequent blue-grey mottles. Rare flint pebbles, up to 90mm	Weathered surface of London Clay	-

CONCLUSIONS AND RECOMMENDATIONS

- 5.13. The archaeological investigation revealed a shallowly buried flint-rich deposit which contained evidence of flint working and burning. This evidence was judged to be ex-situ with the likely locale of activity to the immediate east of the trench, close to the spring line.
- 5.14. It is recommended that the area of the alder stand and spring to the east of Trench 57 be subject to an archaeological watching brief during groundworks ahead of development.

6. Finds

Mark Stewart MPhil.

- 6.1. Two flakes of struck flint were recovered from Trench 57. The flakes were recovered from the subsoil (5702).
- 6.2. The worked flint assemblage consists of just two small secondary flakes. Both are in an abraded, edge-damaged condition and one exhibits a light, whitish patina, all features consistent with disturbance and redeposition within surface deposits. The raw material does not derive directly from the chalkland forming the Downs to the north of the site; the thin, worn condition of the surviving cortex, and the red colour of the flint, are typical of cobbles procured from derived sources such as the Quaternary Head or fluvial deposits forming the local superficial geology.
- 6.3. Both flakes have been detached with a hard (stone) hammer. One is missing its proximal end, and thus its bulb of percussion, but a series of pronounced ventral ripples imply the larger force generated this mode of technology. Although later prehistoric technologies tend to show a bias towards the use of a hard hammer they are employed to some extent in industries of all ages, and it is therefore impossible to attribute a date to an assemblage comprising only two examples. However, the fact that both pieces are formed of the same distinct red flint with identical cortex may indicate they were produced from the same cobble. This in turn might support the view that knapping has taken place proximate to the area of investigation, but

again, this should remain a tentative suggestion given the size of the assemblage.

6.4. A small quantity of burnt flint was also recovered from the same context, in total 616g.

6.5. The topsoil across the site contained a very small quantity of 20th century pottery fragments. These were noted but not retained.

6.6. There were no other finds in any of the trenches.

7. Discussion and Conclusions

- 7.1. The lack of archaeological material is surprising given the location. Although the site is immediately south of a known Roman villa there were no associated features or finds within any of the excavated trenches. The latter point is most surprising, as Romano-British settlements and their environs usually contain a large quantity of fragmentary pottery and ceramic building material.
- 7.2. The lack of features may be due to environmental factors. This area of the site is largely sloping, in parts at a fairly steep angle, which would not be ideal for construction.
- 7.3. It is also likely that the site was previously a lot wetter than it is now. According to the ecological monitor the vegetation on site indicates that it was previously more marshy than is the case now, and this may also have deterred construction.
- 7.4. The material found in Trench 57 is of some interest. However there is likely to be severe disturbance due to the growth of the tree roots around the pond area, making it unlikely for in situ evidence to remain. It is nevertheless possible that there is further prehistoric material in this area. It is therefore recommended that a watching brief be undertaken on the initial phase of groundworks in this area.
- 7.5. The remainder of the evaluation area contains no material of archaeological interest and it is recommended that no further works are required in this area prior to development.

8. Archive

8.1. The finds archive consists of:

- ◆ 2 x bags of artefacts

8.2. The site records are currently in digital form.

8.3. The archive will be held by Beltane Heritage pending deposition with the appropriate museum.

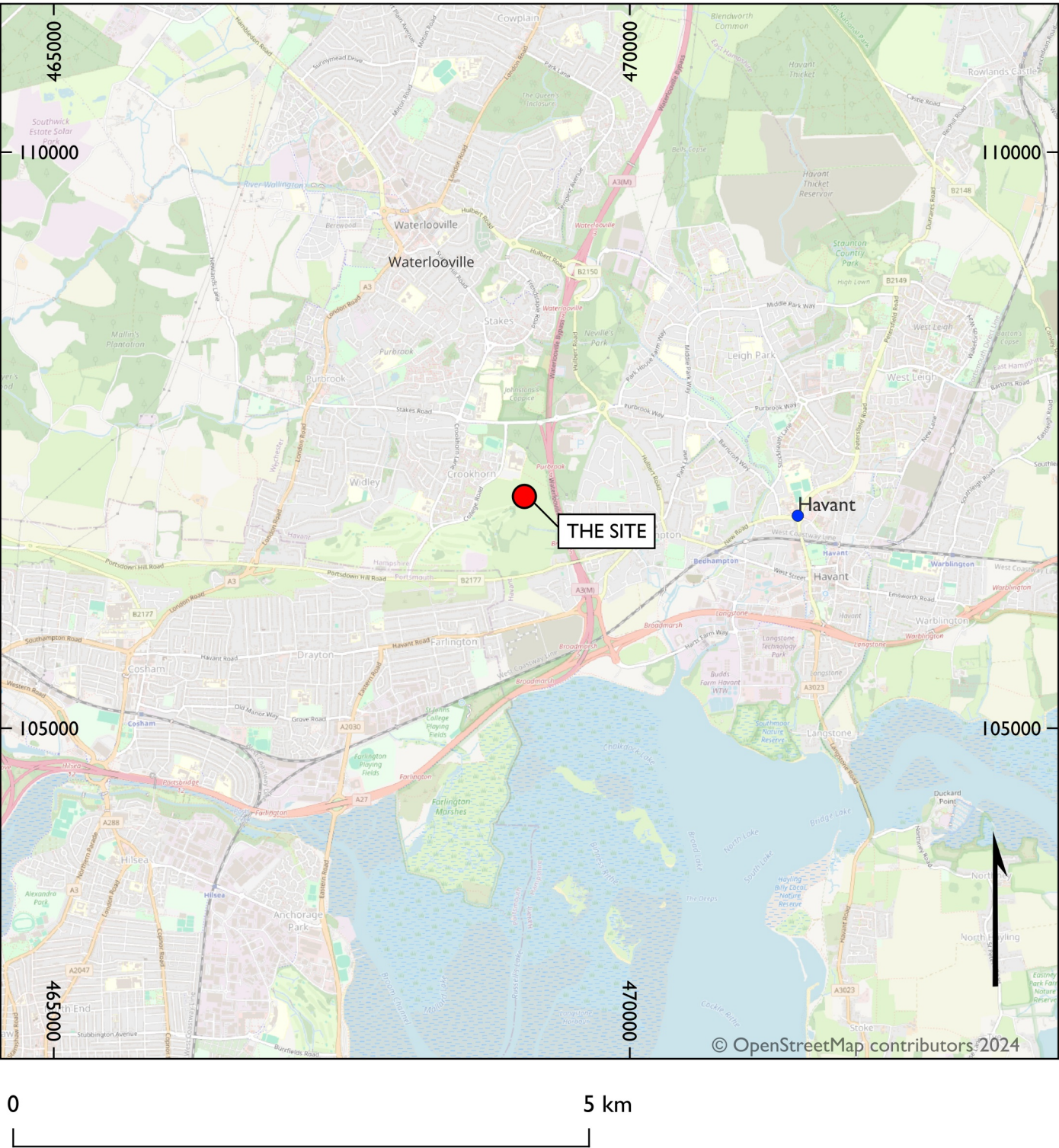
SOURCES CONSULTED

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FIGURES

ROMAN FIELDS, CAMPDOWN
BH24005
Figure 1 Site Location - General



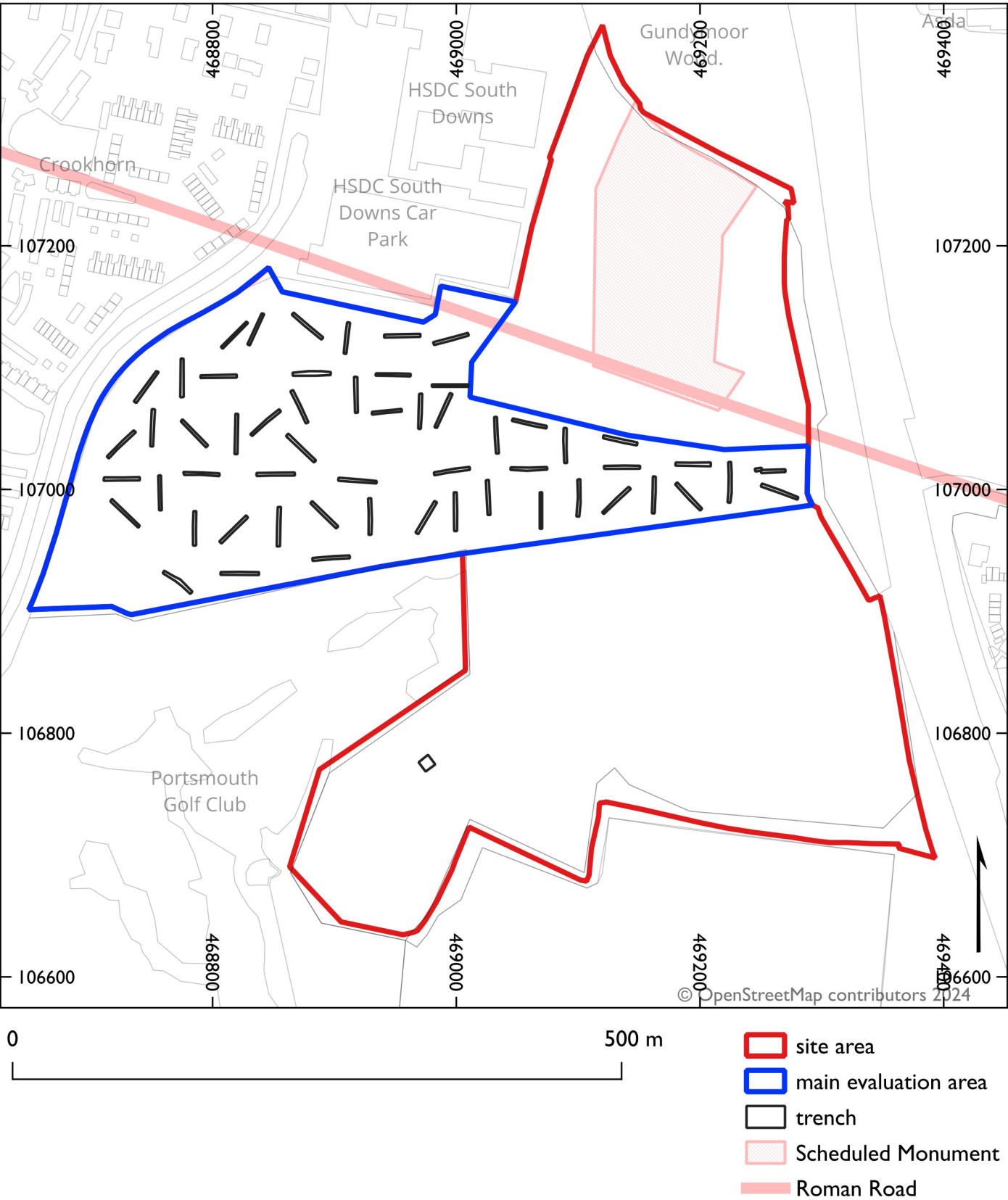
ROMAN FIELDS, CAMPDOWN
BH24005

Figure 2 Site Location - Detail



BELTANE HERITAGE

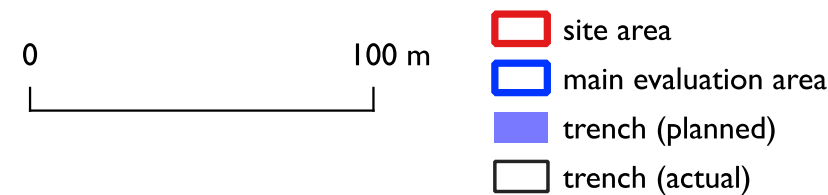
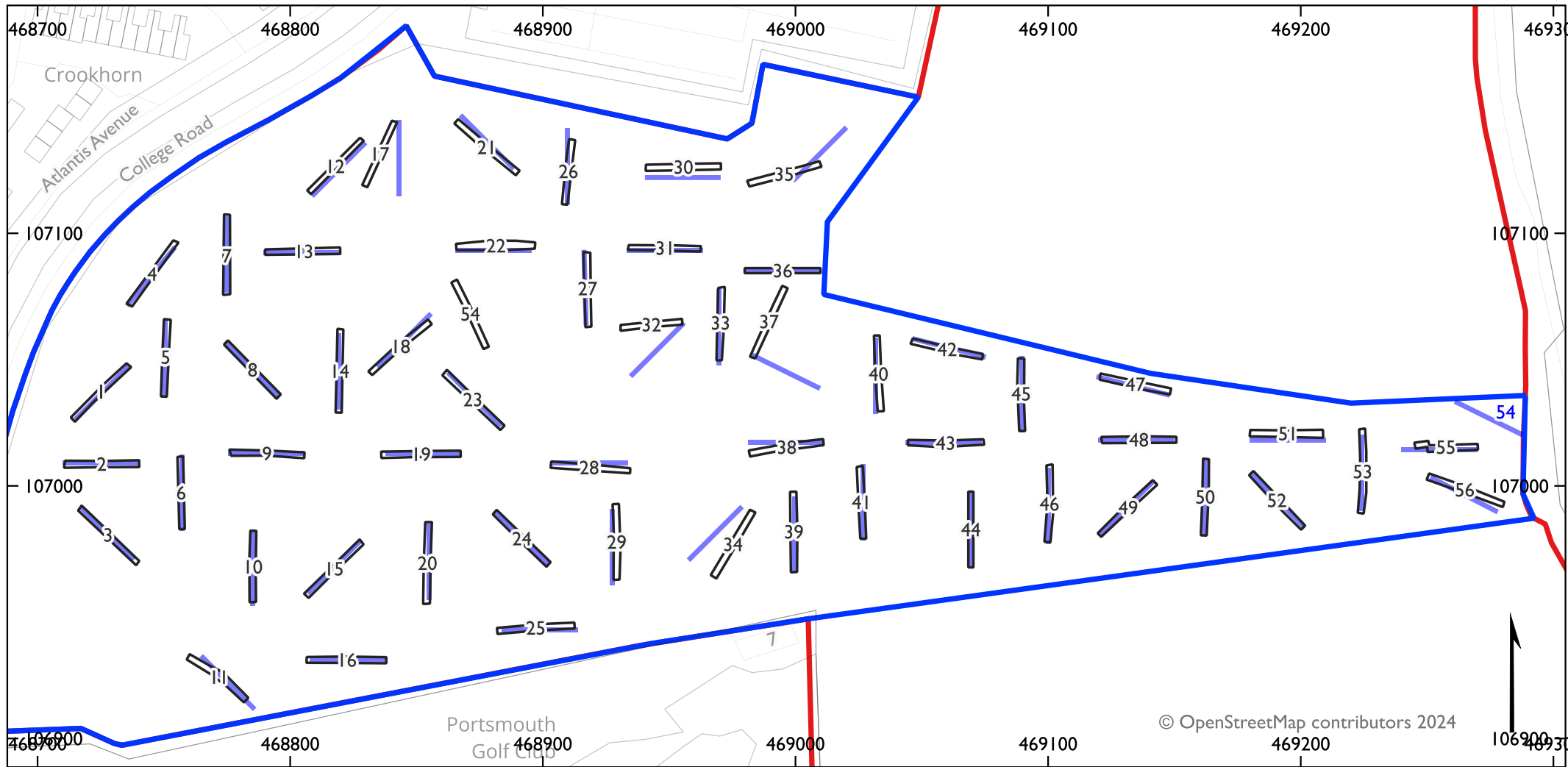
ROMAN FIELDS, CAMPDOWN
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Figure 3 Trench Locations



ROMAN FIELDS, CAMPDOWN

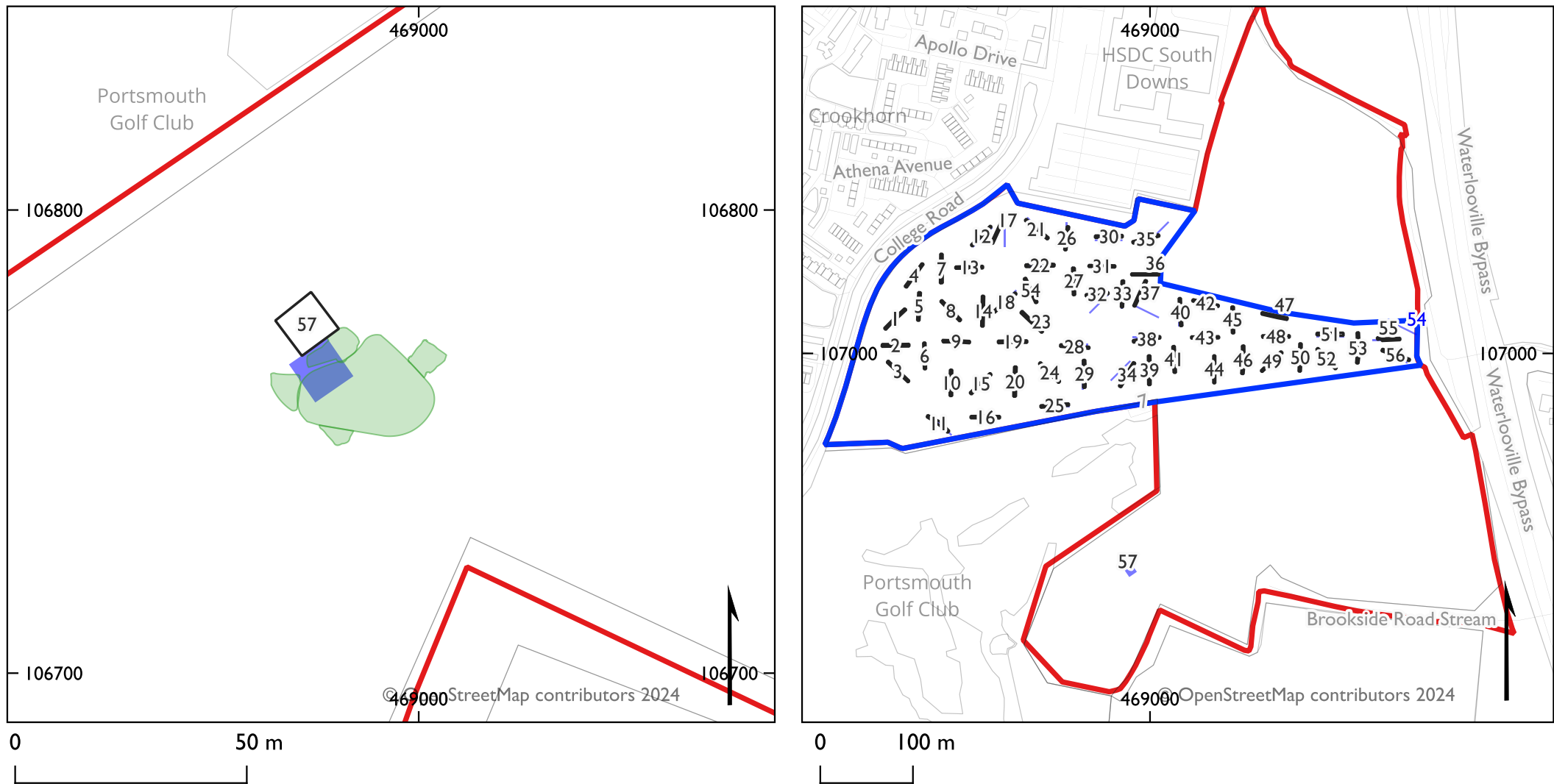
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Figure 4 Trench Locations (detail)



BELTANE HERITAGE

ROMAN FIELDS, CAMPDOWN
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Figure 5 Trench 57 Location

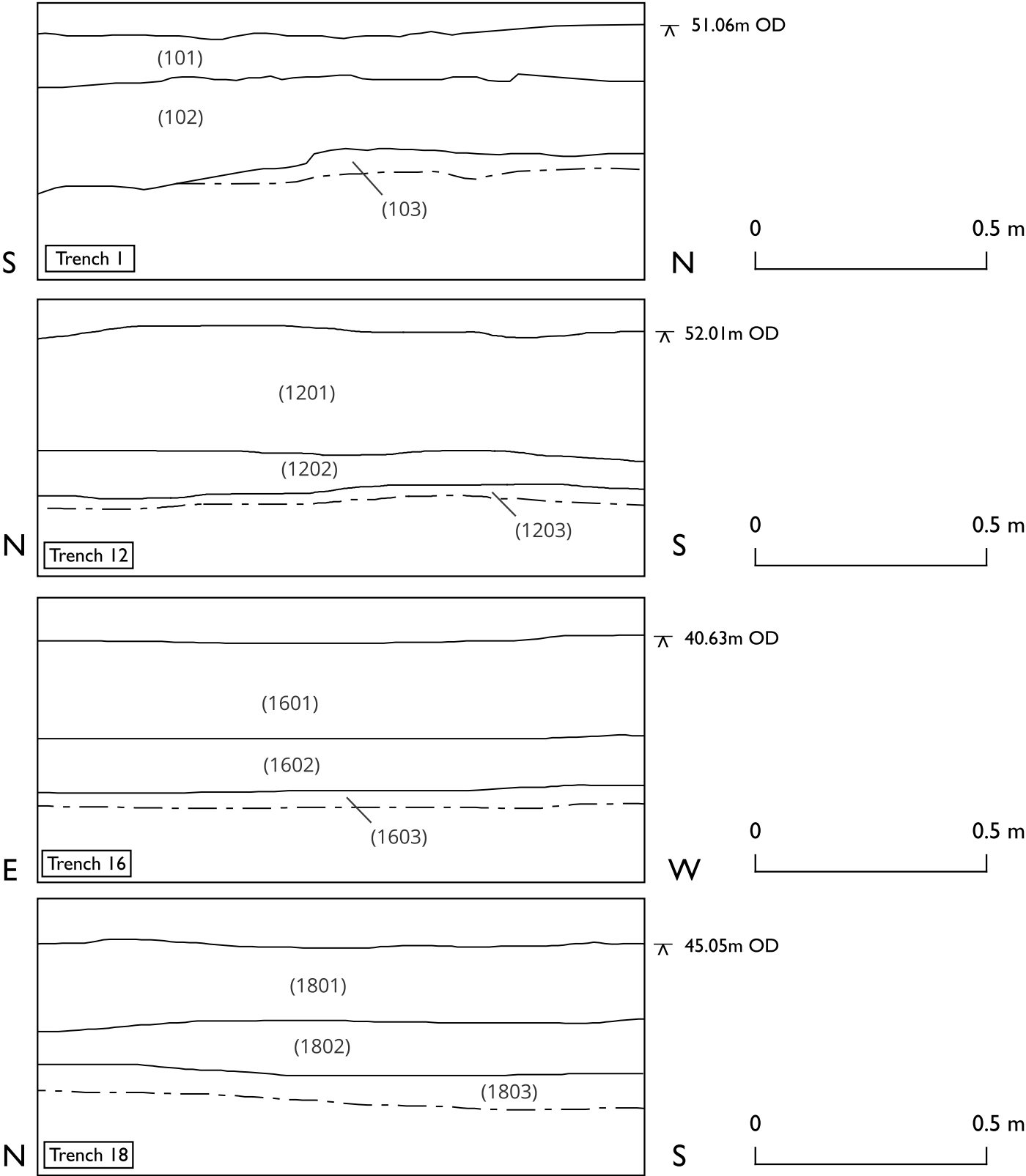


- site area
- main evaluation area
- trench (actual)
- trench (planned)
- trees

ROMAN FIELDS, CAMPDOWN

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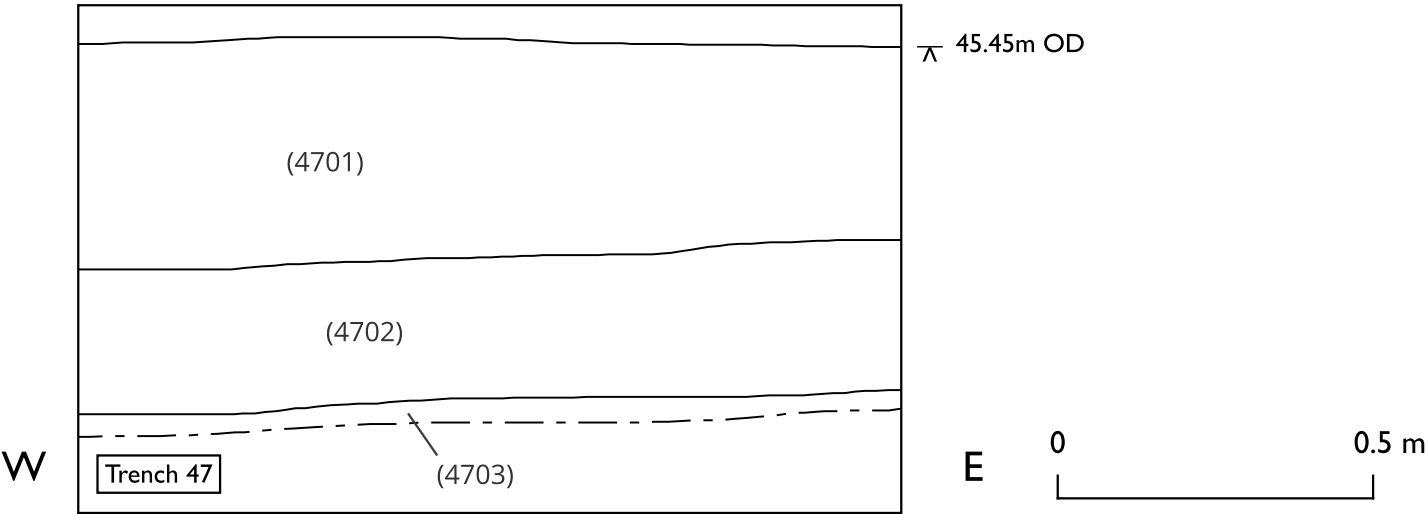
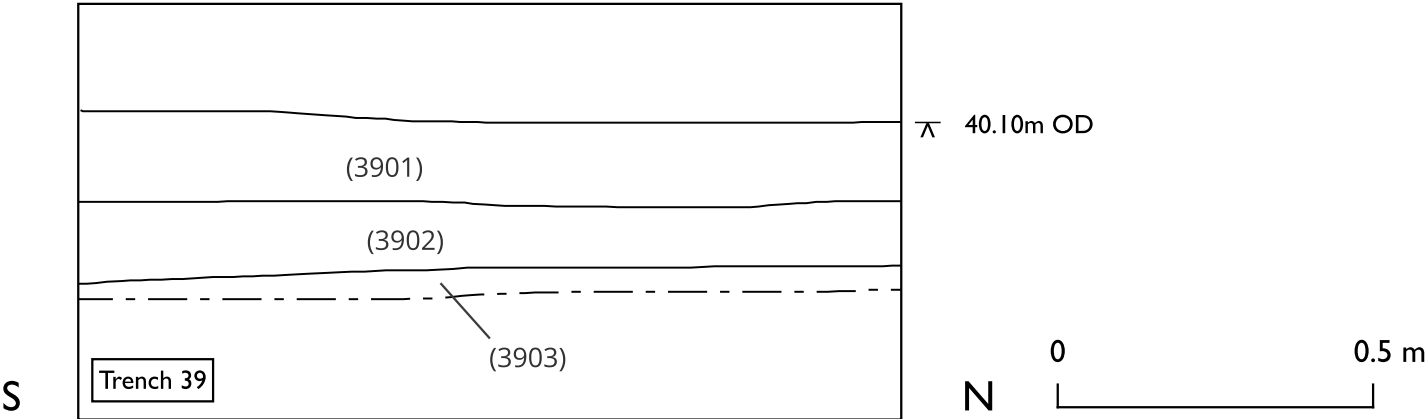
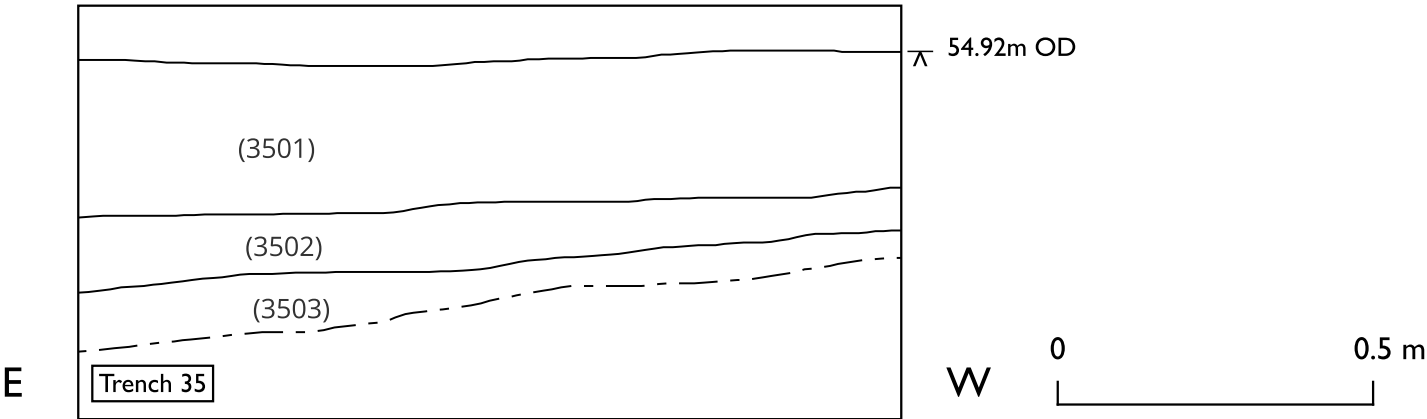
Figure 6 Representative Sections - Trenches 1, 12, 16 & 18



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Figure 7 Representative Sections - Trenches 35, 39 & 47



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Figure 8 Proposed Development

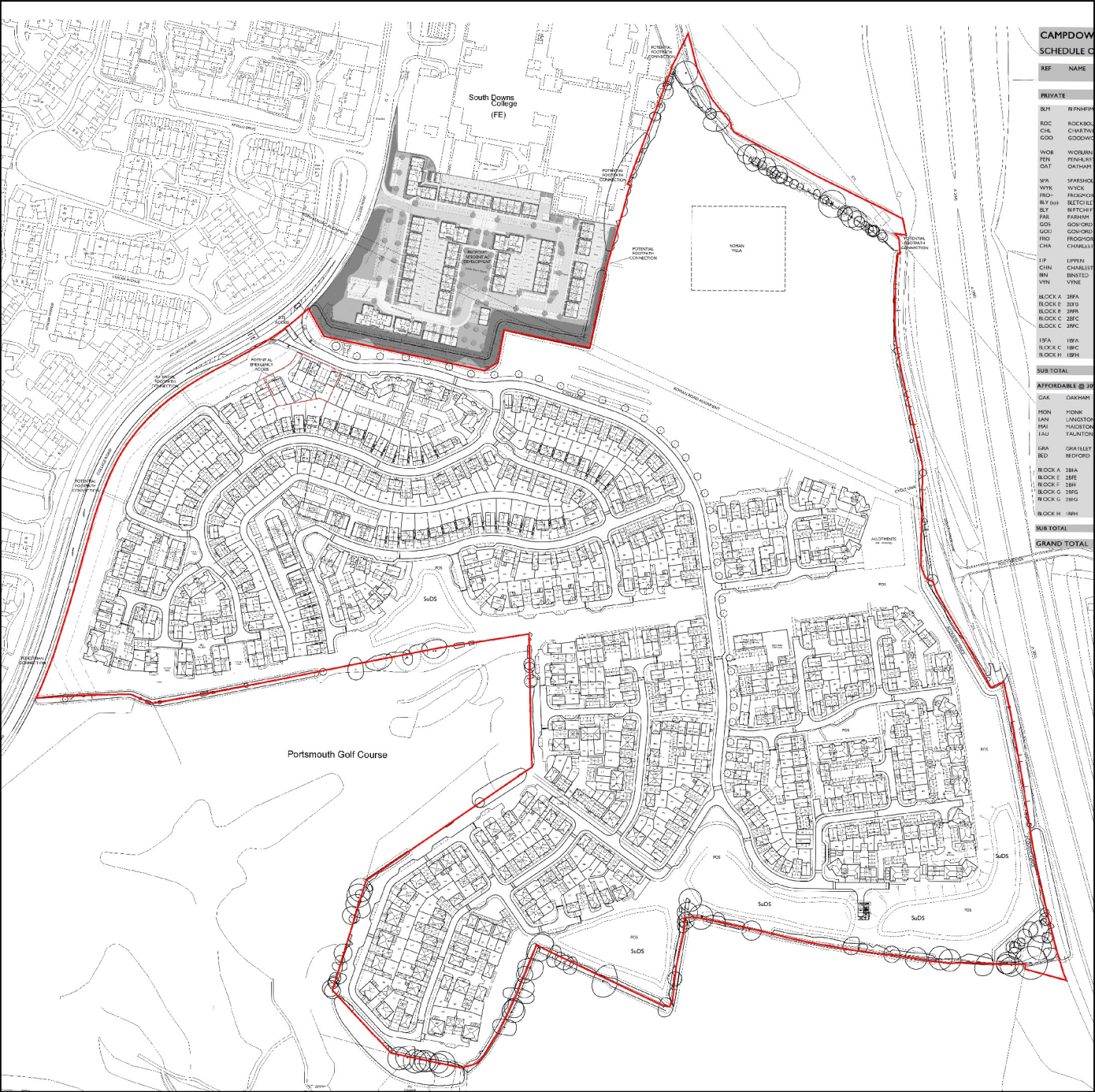


TABLE OF TRENCHES

APPENDIX II

Tr Number 1 **Height mOD (top)** 51.06 **Alignment** N-S **Photo** 5842

Context	Depth	Description	Interpretation
101	0.15	Mid grey brown sandy silt	Topsoil
102	0.23	Dark grey brown silty clay	Subsoil
103	0.06+	Mixed clay with gravel and modern rubble	Dumping deposit (modern)

Tr Number 2 **Height mOD (top)** 51.66 **Alignment** E-W **Photo** 5763

Context	Depth	Description	Interpretation
201	0.3	Mid grey-brown sandy silt	Topsoil
202	0.12	Dark grey brown silty clay	Subsoil
203	0.10+	Mixed yellow-brown and grey silts and clays with gravel patches	Head deposit- natural

Tr Number 3 **Height mOD (top)** 55.2 **Alignment** NW-SE **Photo** 5761

Context	Depth	Description	Interpretation
301	0.13	Mid grey-brown sandy silt	Topsoil
302	0.20	Dark grey brown silty clay	Subsoil
303	0.10+	Mixed yellow-brown and grey silts and clays with gravel patches	Head deposit- natural

Tr Number 4 **Height mOD (top)** 49.90 **Alignment** NE-SW **Photo** 5720

Context	Depth	Description	Interpretation
401	0.26	Mid grey-brown sandy silt	Topsoil
402	0.30	Dark grey brown silty clay	Subsoil
403	0.30+	Mixed clay with gravel and modern rubble	Dumping deposit (modern)

Tr Number 5 **Height mOD (top)** 49.34 **Alignment** N-S **Photo** 5837

Context	Depth	Description	Interpretation
501	0.20	Mid grey-brown sandy silt	Topsoil
502	0.37	Dark grey brown silty clay	Subsoil
503	0.18+	Mixed yellow-brown and grey silts and clays with gravel patches	Head deposit- natural

Tr Number 6 **Height mOD (top)** 50.53 **Alignment** N-S **Photo**

Context	Depth	Description	Interpretation
601	0.13	Mid grey-brown sandy silt	Topsoil
602	0.19	Dark grey brown silty clay	Subsoil
603	0.13+	Mixed yellow-brown and grey silts and clays with gravel patches	Head deposit- natural

Tr Number 7 **Height mOD (top)** 50.05 **Alignment** N-S **Photo** 5701

Context	Depth	Description	Interpretation
701	0.28	Mid grey-brown sandy silt	Topsoil
702	0.25	Dark grey brown silty clay	Subsoil
703	0.15+	Mixed yellow-brown and grey silts and clays with gravel patches	Head deposit- natural

Tr Number 8 **Height mOD (top)** 48.02 **Alignment** NW-SE **Photo** 5729

Context	Depth	Description	Interpretation
801	0.16	Mid grey-brown sandy silt	Topsoil
802	0.52	Dark grey brown silty clay	Subsoil
803	0.09+	Mixed clay with gravel and modern rubble	Dumping deposit (modern)

Tr Number 9 **Height mOD (top)** 49.37 **Alignment** E-W **Photo** 5848

Context	Depth	Description	Interpretation
901	0.26	Mid grey-brown sandy silt	Topsoil
902	0.20	Dark grey brown silty clay	Subsoil
903	0.09+	Mixed yellow-brown and grey silts and clays with gravel patches	Head deposit- natural

Tr Number 10 **Height mOD (top)** 44.06 **Alignment** N-S **Photo** 6161

Context	Depth	Description	Interpretation
1001	0.17	Mid grey-brown sandy silt	Topsoil
1002	0.15	Dark grey brown silty clay	Subsoil
1003	0.24+	Mixed yellow-brown and grey silts and clays with gravel patches	Head deposit- natural

Tr Number 11 **Height mOD (top)** 45.02 **Alignment** NE-SW **Photo** 6164

Context	Depth	Description	Interpretation
1101	0.26	Mid grey-brown sandy silt	Topsoil

1102	0.18	Dark grey brown silty clay	Subsoil
1103	0.12+	Mixed yellow-brown and grey silts and clays with gravel patches	Head deposit- natural

Tr Number 12 **Height mOD (top)** 52.01 **Alignment** NE-SW **Photo** 5677

Context	Depth	Description	Interpretation
1201	0.28	Mid grey-brown sandy silt	Topsoil
1202	0.11	Dark grey brown silty clay	Subsoil
1203	0.04+	Mixed yellow-brown and grey silts and clays with gravel patches	Head deposit- natural

Tr Number 13 **Height mOD (top)** 50.07 **Alignment** E-W **Photo** 6321

Context	Depth	Description	Interpretation
1301	0.12	Mid grey-brown sandy silt	Topsoil
1302	0.17	Dark grey brown silty clay	Subsoil
1303	0.11+	Mixed yellow-brown and grey silts and clays with gravel patches	Head deposit- natural

Tr Number 14 **Height mOD (top)** 45.96 **Alignment** N-S **Photo** 5738

Context	Depth	Description	Interpretation
1401	0.13	Mid grey-brown sandy silt	Topsoil
1402	0.28	Dark grey brown silty clay	Subsoil
1403	0.22+	Mixed yellow-brown and grey silts and clays with gravel patches	Head deposit- natural

Tr Number 15 **Height mOD (top)** 48.74 **Alignment** NE-SW **Photo** 6159

Context	Depth	Description	Interpretation
1501	0.24	Mid grey-brown sandy silt	Topsoil
1502	0.31	Dark grey brown silty clay	Subsoil
1503	0.06+	Mixed yellow-brown and grey silts and clays with gravel patches	Head deposit- natural

Tr Number 16 **Height mOD (top)** 40.63 **Alignment** E-W **Photo** 6177

Context	Depth	Description	Interpretation
1601	0.22	Mid grey-brown sandy silt	Topsoil
1602	0.12	Dark grey brown silty clay	Subsoil
1603	0.05+	Mixed yellow-brown and grey silts and clays with gravel patches	Head deposit- natural

Tr Number 17 **Height mOD (top)** 54.2 **Alignment** NE-SW **Photo** 5679

Context	Depth	Description	Interpretation
1701	0.21	Mid grey-brown sandy silt	Topsoil
1702	0.18	Dark grey brown silty clay	Subsoil
1703	0.15+	Mixed yellow-brown and grey silts and clays with gravel patches	Head deposit- natural

Tr Number 18 **Height mOD (top)** 45.05 **Alignment** NE-SW **Photo** 6183

Context	Depth	Description	Interpretation
1801	0.19	Mid grey-brown sandy silt	Topsoil
1802	0.12	Dark grey brown silty clay	Subsoil
1803	0.08+	Mixed yellow-brown and grey silts and clays with gravel patches	Head deposit- natural

Tr Number 19 **Height mOD (top)** 44.12 **Alignment** E-W **Photo** 5844

Context	Depth	Description	Interpretation
1901	0.24	Mid grey-brown sandy silt	Topsoil
1902	0.29	Dark grey brown silty clay	Subsoil
1903	0.14+	Mixed yellow-brown and grey silts and clays with gravel patches	Head deposit- natural

Tr Number 20 **Height mOD (top)** 42.55 **Alignment** N-S **Photo** 6157

Context	Depth	Description	Interpretation
2001	0.22	Mid grey-brown sandy silt	Topsoil
2002	0.18	Dark grey brown silty clay	Subsoil
2003	0.11+	Mixed yellow-brown and grey silts and clays with gravel patches	Head deposit- natural

Tr Number 21 **Height mOD (top)** 54.21 **Alignment** NW-SE **Photo** 6344

Context	Depth	Description	Interpretation
2101	0.29	Mid grey-brown sandy silt	Topsoil
2102	0.23	Dark yellow- brown silty clay	Subsoil
2103	0.07+	Mixed yellow-brown and grey silts and clays with gravel patches	Head deposit- natural

Tr Number 22 **Height mOD (top)** 49.21 **Alignment** E-W **Photo** 6317

Context	Depth	Description	Interpretation
2201	0.17	Mid grey-brown sandy silt	Topsoil
2202	0.20	Dark yellow- brown silty clay	Subsoil
2203	0.17+	Mixed yellow-brown and grey silts and clays with gravel patches	Head deposit- natural

Tr Number 23 **Height mOD (top)** 43.29 **Alignment** NW-SE **Photo** 6139

Context	Depth	Description	Interpretation
2301	0.19	Mid grey-brown sandy silt	Topsoil
2302	0.13	Dark yellow- brown silty clay	Subsoil
2304	0.12+	Mixed yellow-brown and grey silts and clays with gravel patches	Head deposit- natural

Tr Number 24 **Height mOD (top)** 37.75 **Alignment** NW-SE **Photo** 6181

Context	Depth	Description	Interpretation
2401	0.28	Mid grey-brown sandy silt	Topsoil
2402	0.18	Dark yellow- brown silty clay	Subsoil
2403	0.16+	Mixed yellow-brown and grey silts and clays with gravel patches	Head deposit- natural

Tr Number 25 **Height mOD (top)** 39.72 **Alignment** E-W **Photo** 6179

Context	Depth	Description	Interpretation
2501	0.20	Mid grey-brown sandy silt	Topsoil
2502	0.24	Dark yellow- brown silty clay	Subsoil
2503	0.04+	Mixed yellow-brown and grey silts and clays with gravel patches	Head deposit- natural

Tr Number 26 **Height mOD (top)** 53.71 **Alignment** N-S **Photo** 6342

Context	Depth	Description	Interpretation
2601	0.22	Mid grey-brown sandy silt	Topsoil
2602	0.18	Dark grey brown silty clay	Subsoil
2603	0.07+	Mixed yellow-brown and grey silts and clays with gravel patches	Head deposit- natural

Tr Number 27 **Height mOD (top)** 49.41 **Alignment** N-S **Photo** 5907

Context	Depth	Description	Interpretation
2701	0.21	Mid grey-brown sandy silt	Topsoil
2702	0.18	Dark yellow- brown silty clay	Subsoil
2703	0.06+	Mixed yellow-brown and grey silts and clays with gravel patches	Head deposit- natural

Tr Number 28 **Height mOD (top)** 40.47 **Alignment** E-W **Photo** 6141

Context	Depth	Description	Interpretation
2801	0.29	Mid grey-brown sandy silt	Topsoil
2802	0.16	Dark yellow- brown silty clay	Subsoil
2803	0.07+	Mixed yellow-brown and grey silts and clays with gravel patches	Head deposit- natural

Tr Number 29 **Height mOD (top)** 38.65 **Alignment** N-S **Photo** 6143

Context	Depth	Description	Interpretation
2901	0.24	Mid grey-brown sandy silt	Topsoil
2902	0.19	Dark yellow- brown silty clay	Subsoil
2903	0.10+	Mixed yellow-brown and grey silts and clays with gravel patches	Head deposit- natural

Tr Number 30 **Height mOD (top)** 55.34 **Alignment** E-W **Photo** 6315

Context	Depth	Description	Interpretation
3001	0.19	Mid grey-brown sandy silt	Topsoil
3002	0.23	Dark grey brown silty clay	Subsoil
3003	0.11+	Mixed yellow-brown and grey silts and clays with gravel patches	Head deposit- natural

Tr Number 31 **Height mOD (top)** 51.68 **Alignment** E-W **Photo** 5901

Context	Depth	Description	Interpretation
3101	0.33	Mid grey-brown sandy silt	Topsoil
3102	0.23	Dark grey brown silty clay	Subsoil
3103	0.07+	Mixed yellow-brown and grey silts and clays with gravel patches	Head deposit- natural

Tr Number 32 **Height mOD (top)** 47.53 **Alignment** NE-SW **Photo** 5905

Context	Depth	Description	Interpretation
3201	0.15	Mid grey-brown sandy silt	Topsoil
3202	0.21	Dark grey brown silty clay	Subsoil
3203	0.10+	Mixed yellow-brown and grey silts and clays with gravel patches	Head deposit- natural

Tr Number 33 **Height mOD (top)** 46.40 **Alignment** N-S **Photo** 5903

Context	Depth	Description	Interpretation
3301	0.26	Mid grey-brown sandy silt	Topsoil
3302	0.21	Dark red- brown silty clay	Subsoil
3303	0.12+	Mixed red-brown clays with gravel patches	Head deposit- natural

Tr Number 34 **Height mOD (top)** 40.73 **Alignment** NE-SW **Photo** 6145

Context	Depth	Description	Interpretation
3401	0.21	Mid grey-brown sandy silt	Topsoil
3402	0.13	Dark grey brown silty clay	Subsoil
3403	0.09+	Mixed yellow-brown and grey silts and clays with gravel patches	Head deposit- natural

Tr Number 35 **Height mOD (top)** 54.92 **Alignment** NE-SW **Photo** 6313

Context	Depth	Description	Interpretation
3501	0.25	Mid grey-brown sandy silt	Topsoil
3502	0.11	Dark red brown silty clay	Subsoil
3503	0.10+	Mixed red-brown clays with gravel patches	Head deposit- natural

Tr Number 36 **Height mOD (top)** 51.50 **Alignment** E-W **Photo** 5945

Context	Depth	Description	Interpretation
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3601	0.28	Mid grey-brown sandy silt	Topsoil
3602	0.29	Dark red brown silty clay	Subsoil
3603	0.17+	Mixed red-brown clays with gravel patches	Head deposit- natural

Tr Number 37 **Height mOD (top)** 50.72 **Alignment** NE-SW **Photo** 5943

Context	Depth	Description	Interpretation
3701	0.36	Mid grey-brown sandy silt	Topsoil
3702	0.20	Dark red brown silty clay	Subsoil
3703	0.15+	Mixed red-brown clays with gravel patches	Head deposit- natural

Tr Number 38 **Height mOD (top)** 43.92 **Alignment** E-W **Photo** 5941

Context	Depth	Description	Interpretation
3801	0.26	Mid grey-brown sandy silt	Topsoil
3802	0.31	Dark red brown silty clay	Subsoil
3803	0.15+	Mixed red-brown clays with gravel patches	Head deposit- natural

Tr Number 39 **Height mOD (top)** 41.10 **Alignment** N-S **Photo** 5939

Context	Depth	Description	Interpretation
3901	0.14	Mid grey-brown sandy silt	Topsoil
3902	0.13	Dark red brown silty clay	Subsoil
3903	0.05+	Mixed red-brown clays with gravel patches	Head deposit- natural

Tr Number 40 **Height mOD (top)** 46.95 **Alignment** N-S **Photo** 5868

Context	Depth	Description	Interpretation
4001	0.24	Mid grey-brown sandy silt	Topsoil
4002	0.15	Dark red brown silty clay	Subsoil
4003	0.08+	Mixed red-brown clays with gravel patches	Head deposit- natural

Tr Number 41 **Height mOD (top)** 41.66 **Alignment** N-S **Photo** 6147

Context	Depth	Description	Interpretation
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4101	0.20	Mid grey-brown sandy silt	Topsoil
4102	0.19	Dark red brown silty clay	Subsoil
4103	0.08+	Mixed red-brown clays with gravel patches	Head deposit- natural

Tr Number 42 **Height mOD (top)** 48.10 **Alignment** NW-SE **Photo** 5870

Context	Depth	Description	Interpretation
4201	0.21	Mid grey-brown sandy silt	Topsoil
4202	0.21	Dark red brown silty clay	Subsoil
4203	0.08+	Mixed red-brown clays with gravel patches	Head deposit- natural

Tr Number 43 **Height mOD (top)** 43.53 **Alignment** E-W **Photo** 5865

Context	Depth	Description	Interpretation
4301	0.24	Mid red-brown silty clay	Topsoil
4302	0.25	Mid brownish-red silty clay	Subsoil
4303	0.11+	Mixed red-brown clays with gravel patches	Head deposit- natural

Tr Number 44 **Height mOD (top)** 41.30 **Alignment** N-S **Photo** 6085

Context	Depth	Description	Interpretation
4401	0.21	Mid red-brown silty clay	Topsoil
4402	0.20	Mid brownish-red silty clay	Subsoil
4403	0.18+	Mixed red-brown clays with gravel patches	Head deposit- natural

Tr Number 45 **Height mOD (top)** 46.48 **Alignment** N-S **Photo** 5884

Context	Depth	Description	Interpretation
4501	0.26	Mid red-brown silty clay	Topsoil
4502	0.30	Mid brownish-red silty clay	Subsoil
4503	0.19+	Mixed red-brown clays with gravel patches	Head deposit- natural

Tr Number 46 **Height mOD (top)** 40.96 **Alignment** N-S **Photo** 6087

Context	Depth	Description	Interpretation
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4601	0.24	Mid red-brown silty clay	Topsoil
4602	0.21	Mid brownish-red silty clay	Subsoil
4603	0.18+	Mixed red-brown clays with gravel patches	Head deposit- natural

Tr Number 47 **Height mOD (top)** 45.45 **Alignment** NW-SE **Photo** 5976

Context	Depth	Description	Interpretation
4701	0.35	Mid red-brown silty clay	Topsoil
4702	0.24	Mid brownish-red silty clay	Subsoil
4703	0.04+	Mixed red-brown clays with gravel patches	Head deposit- natural

Tr Number 48 **Height mOD (top)** 42.82 **Alignment** E-W **Photo** 5973

Context	Depth	Description	Interpretation
4801	0.17	Mid red-brown silty clay	Topsoil
4802	0.25	Mid brownish-red silty clay	Subsoil
4803	0.19+	Mixed red-brown clays with gravel patches	Head deposit- natural

Tr Number 49 **Height mOD (top)** 40.43 **Alignment** NE-SW **Photo**

Context	Depth	Description	Interpretation
4901			
4902			
4903			

Tr Number 50 **Height mOD (top)** 40.03 **Alignment** N-S **Photo** 5971

Context	Depth	Description	Interpretation
5001	0.25	Mid red-brown silty clay	Topsoil
5002	0.22	Mid brownish-red silty clay	Subsoil
5003	0.23+	Mixed red-brown clays with gravel patches	Head deposit- natural

Tr Number 51 **Height mOD (top)** 38.51 **Alignment** E-W **Photo** 6047

Context	Depth	Description	Interpretation
5101	0.50	Mid red-brown silty clay	Topsoil
5102	0.17	Mid brownish-red silty clay	Subsoil
5103	0.05+	Mixed red-brown clays with gravel	Head deposit- natural

		patches	
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Tr Number 52 **Height mOD (top)** 40.06 **Alignment** NW-SE **Photo** 6096

Context	Depth	Description	Interpretation
5201	0.27	Mid red-brown silty clay	Topsoil
5202	0.19	Mid brownish-red silty clay	Subsoil
5203	0.07	Mixed red-brown clays with gravel patches	Head deposit- natural

Tr Number 53 **Height mOD (top)** 39.40 **Alignment** N-S **Photo** 6049

Context	Depth	Description	Interpretation
5301	0.23	Mid red-brown silty clay	Topsoil
5302	0.23	Mid brownish-red silty clay	Subsoil
5303	0.06+	Mixed red-brown clays with gravel patches	Head deposit- natural

Tr Number 54 **Height mOD (top)** 39.08 **Alignment** E-W **Photo** 6053

Context	Depth	Description	Interpretation
5401			
5402			
5403			

Tr Number 55 **Height mOD (top)** 39.08 **Alignment** E-W **Photo** 6053

Context	Depth	Description	Interpretation
5501	0.36	Mid red-brown silty clay	Topsoil
5502	0.14	Red silty clay	Subsoil
5503	0.04	Mixed red and yellow clays with gravel patches	Head deposit- natural

Tr Number 56 **Height mOD (top)** 37.27 **Alignment** NE-SW **Photo** 6056

Context	Depth	Description	Interpretation
5601	0.23	Mid red-brown silty clay	Topsoil