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## **Burn of Swartigill Excavation 2022-2023 Thrumster** Caithness



**Data Structure Report** 

November 2024







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# Excavations at Swartigill Burn 2022 & 2023 Thrumster, Caithness Data Structure Report

**Project No: 1010** 

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This document has been prepared in accordance with ORCA standard operating procedures and CIfA standards

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#### **Executive Summary**

ORCA Archaeology has undertaken seven seasons of excavations at the Burn of Swartigill Iron Age Settlement as part of an ongoing heritage initiative between the Yarrows Heritage Trust and the University of the Highlands and Islands Archaeology Institute.

This interim Data Structure Report provides a summary of the findings from previous investigations, detailed results from the 2022 and 2023 excavations, and a preliminary discussion of the findings. A post-excavation assessment report is in progress, providing information about the material archive and plans for specialist assessment and analyses.

The 2022 and 2023 seasons focused on Structures B and Structure D, two round houses which form the focal point of the settlement. Occupation surfaces have been reached in Structure B, with a multi-phased hearth in its the centre. Significant quantities of pottery forming a concentrated spread of material, and including many decorated sherds, were encountered within the southern arc of this structure. The surfaces encountered during the 2023 excavation season may represent primary occupation, though earlier phases of structure may be present below these layers.

Work continued on the second roundhouse, Structure D, partially revealed during previous seasons. This building shares a wall with Structure B to the north and also has a large central hearth. A series of features were revealed around the hearth, including several stone settings and a possible flue. The interior stonework in Structure D shows signs of significant heat damage, repair and remodelling. Structure C, situated to the east of Structure D, is likely to represent a conjoining annexe on the larger building.

The Structure A west cell was dismantled, which allowed further investigation in the Burn Section & Structure F, where further structural features were revealed. These include a wide flagstone area which may represent the earliest elements of the site's development. This area has seen significant erosional disturbance, and the risk of damage from the burn continues.

The excavation and dismantling of Structure E allowed access to underlying deposits which relate to Structure D. Structure E was a simple cellular enclosure, likely associated with early

medieval agricultural activity in the meltwater channel. Structure E reused elements of Structure G, a kidney-shaped building situated to the southwest of Structure D. It is likely that Structure G was connected to Structure D via a blocked passage. Excavation within the deposit infilling structure D yielded the discovery of a Guido 13 glass bead.

The conclusion of the 2022 and 2023 excavations has enabled us to better understand the constructional sequence of the site and recover environmental and artefactual evidence which will provide significant information about the function, economy, and environment of the settlement.

The ongoing programmes of scientific dating will enable us to build a picture of the Burn of Swartigill's place within the wider chronology of Caithness and the Atlantic Scotland region.

#### 1.0 Introduction

The excavations at the Burn of Swartigill, Caithness (**Figure 1**), form part of a collaborative heritage initiative between the Yarrows Heritage Trust and the University of the Highlands and Islands Archaeology Institute. There have been six seasons of excavation at the site (Barton 2017, 2018, 2019, 2022), following on from previous phases of exploratory work, including geophysical survey (Desalle 2014).

The site was initially identified in 2004 by members of the Yarrows Heritage Trust when erosion along the bank of the burn exposed structural remains and deposits which contained significant amounts of prehistoric ceramics.

The excavation has grown in scope, from a small investigative trial-trench and ground-truthing geophysical survey to an open-area excavation, focusing on at least four prehistoric structures. The project is managed by a team of archaeologists from ORCA Archaeology, with a wider team of volunteers, students and professional archaeologists from all across the UK.

This document represents the Interim Data Structure Report for both the 2022 and 2023 excavation seasons at Swartigill. At the time of preparing this document, elements of the post-excavation analysis are continuing or awaiting results. This report will be updated with additional information and interpretation when they become available.

#### 1.1 Site Location, Topography and Geology

The Site is situated in Thrumster, Caithness, at National Grid Reference ND 3210 4573, on the south side of the Swartigill Burn at c. 65mAOD (see **Figure 1**). The land-use in the immediate area of the site consists of uncultivated rough grazing land (**Plate 1**). The burn cuts through the north side of a meltwater channel which measures c. 5m deep by c. 40m across.



**Plate 1:** Aerial view of the Site looking north. Photograph by Angus MacKay

The solid geology is part of the

Lybster Flagstone Formation of sedimentary rock. This comprises siltstone, mudstone and sandstone. The drift geology is recorded as alluvium, with the presence of peat to the south of the site, and Devensian till to the north (BGS 2014).

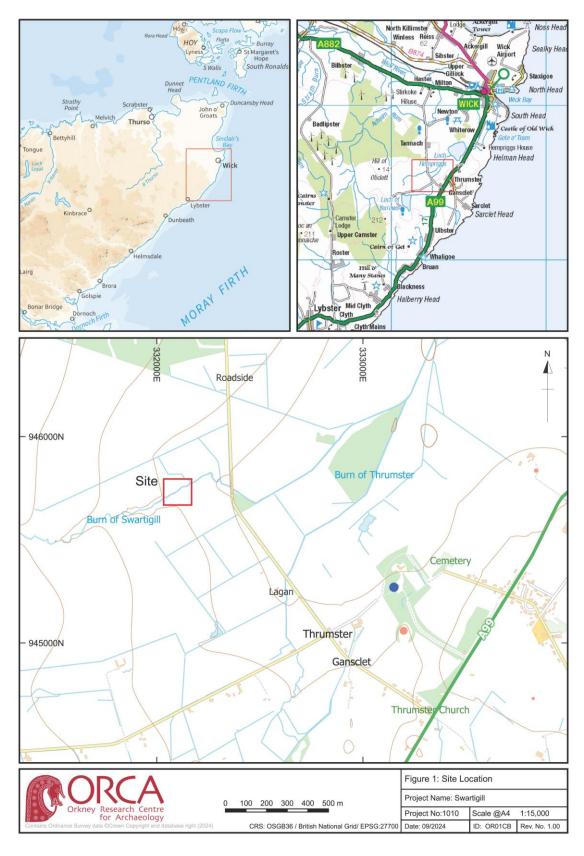


Figure 1: Site location

#### 2.0 Archaeological Background

Caithness comprises a landscape rich in archaeological monuments from all periods and it has an abundance of Iron Age sites.

The Late Iron Age settlement site of Thrumster (CANMORE 210956; HER MHG30667) is located *c.* 1km to the west of the Site, upstream of the Burn of Swartigill. Thrumster is characterised as a 'wag', which is defined as a post-broch structure, mainly found in Caithness, characterised by a rectangular building possessing two rows of orthostats forming a central aisle (Baines 1999). The settlement at Thrumster is a low mound about 20m across, with the remains of solidly constructed drystone wall-footings, perhaps for turf buildings, visible across the top.

Two broch sites are situated in proximity to the site, including the Broch of Thrumster Main (CANMORE 8963), which is located 1.3km to the southeast of the site. The Broch of Yarrow (CANMORE 8982) is located on a spur on the edge of the Loch of Yarrow, 2.5km to the southeast, along with a range of complex secondary structures, including 'wags'.

Two medieval farmsteads and farming landscapes are situated close to the Burn of Swartigill (combined record as CANMORE 271492; HER MHG48275). The first farmstead, Swartigill North, is located on the northern edge of the meltwater channel, c. 30m to the northwest of the Site. It comprises a heavily robbed-out range, as well as a smaller building and areas of rig and furrow cultivation. The second farmstead, Swartigill South, is situated on the southern edge of the meltwater channel, c. 160m to the east-southeast of the Burn of Swartigill. The southern site comprises a heavily robbed building and an enclosure situated immediately to the east, with an area of field-systems and embankments to the south and east.

It was originally believed that the Burn of Swartigill Site represented a mill dating from the same period as the medieval Swartigill township and has been included in the record for this site.

#### 2.1 Previous Work

The members of the Yarrows Heritage Trust photographed and recorded the eroding elements of the Burn of Swartigill Site for the first time in 2004.

In 2007, Dr Susan Ovenden from the Orkney College Geophysical Unit (now ORCA Archaeology) conducted a trial Ground Penetrating Radar (GPR) survey, while Dr Mike Cressey from CFA Archaeology Ltd cleaned and recorded a small section of the site. The results from this GPR survey showed a strong reflection from the spread of stony material visible in the section, but it was not possible to assess if this was associated with either archaeologically significant material or naturally occurring stones (CFA Archaeology 2007).

In 2012, members of the Yarrows Heritage Trust cleaned back the section and recorded its extent. A significant quantity of pottery was recovered from this section, with sherds interpreted as ranging from the Early Iron Age to the Late Iron Age (Yarrows Heritage Trust 2012).

In August 2014, Thomas Desalle of ORCA undertook a fluxgate gradiometer survey, an earth resistance survey and a GPR survey on the site with the aim of characterising the extent and nature of eroding features (ORCA 2014) (Plate 2).

The gradiometer survey was undertaken of over an area measuring 25m by 30m. The results showed a series of strong magnetic anomalies likely associated with anthropogenic activity and suggestive of settlement. The earth resistance survey indicated the presence of a subrectangular structure measuring 10m by 16m. The GPR helped to clarify the nature of some anomalies visible in the gradiometer and earth resistance surveys.



**Plate 2:** ORCA staff and community volunteers undertaking earth resistance survey.

ORCA and the University of the Highlands and Island Archaeology Institute, in collaboration with the Yarrows Heritage Trust, undertook a small-scale exploratory excavation at the Burn of Swartigill in September 2015. The objective of this excavation was to evaluate the potential for future work and 'ground-truth' features identified during geophysical survey. A second aim was to try to establish something of the character of the archaeological remains eroding out from the side of the burn.

A small evaluation trench, measuring c.3 .5m x 3.0m, was placed to incorporate part of the erosion front and a more extensive area behind. Additionally, a series of small trial pits were excavated to sample further geophysical anomalies identified by the original survey (Barton 2017). The results of this evaluation showed the potential for good preservation of archaeological features and deposits on the site.

The excavation exposed rubble and well-preserved archaeological features which matched the north edge of the anomaly apparent in the resistance survey. Two radiocarbon dates were obtained from deposits in Trench 1. The first related to a pottery-rich deposit that abutted the structural features close to the burn and returned a date (Lab code: Poz-87142) of 366 to 192 cal BC, at 95% confidence, or 357-204 cal BC at 68.2% confidence levels. The second sample submitted for dating was from a deposit of sandy silt that sealed an extensive portion of the upper elements of Trench 1 and returned a date (Lab code: Poz-87141) of 198-47 cal BC at 95% likelihood, or 170-61 cal BC at 68.2% certainty.

These dates appeared to confirm the *in-situ* nature of the depositional sequence. The date for the pottery-rich deposit indicated activity dating sometime from between the mid-fourth to early second century BC and, therefore, places this part of the site towards the end of the conventional 'Early Iron Age'. The second sample provided a date from the second to the mid-

first century BC in the conventional 'Middle Iron Age'.

The 2017 investigation extended the area of the excavation and encountered widespread deposits of mineralised alluvium which overlay and masked structural remains. Geoarchaeological coring, covering a northeast-southwest transect across the flood plain, showed that these alluvial deposits were present throughout the Site's environs (Barton 2018). Finds from the 2017 season included a whetstone of fine-grained pale schist.

In 2018, the work examined the structural features previously identified within the trench, designated Structures A, B and C, as well as a wider section of the section along the burn edge. A larger excavation encompassed the greater extent of the buildings previously identified on site as well as assessing the survival of anthropogenic deposits. Further exploration of the south burn section revealed a cist feature and a flagstone surface overlain by a distinctive ashrich deposit (Barton 2019).



**Plate 3:** Aerial view of the Site during the 2019 excavation, facing north. Photograph by Bobby Friel.

The 2019 excavation (Barton 2019) focused on understanding the extent and preservation of the structures identified in 2018. Structure A, at the north end of the trench, was found to represent a partially subterranean passage, likely to be souterrain, which incorporated modified elements of earlier structures.

Structure B was shown to represent a sub-oval shaped building occupying the central portion of the trench. Initial investigation indicated phase of post-abandonment re-use of this building. Structure C was situated directly to the south of Structure B and was only partially exposed. The visible elements of this structure exhibited a different construction style to the other buildings on site, with edge-set stone in a rectangular settings. Traces of a further building, Structure D, were beginning to emerge in the southwest corner of the trench, associated with Structures B and C.

In 2021, the excavations were extended to the south and west, identifying the extent of Structure C, and revealing the presence of an apparent second large roundhouse on the site, Structure D. The burn section was also investigated, providing information on the depth of stratigraphic preservation on the site (Barton 2022).



**Plate 4:** Aerial view of the site in 2021. North is on the right of the photo. Photo by Angus Mackay.

#### 3.0 Fieldwork Aims and Objectives

#### 3.1 Project Objectives

The core objectives of the project are to enhance our understanding of the cultural heritage of the Caithness and to promote it to a wider audience. The project also provides an excellent resource for training of both student archaeologists and community-based volunteers.

The 2022 and 2023 excavations and subsequent post-excavation activities are set within a staged approach to project funding to manage the long-term goals of the Yarrows Heritage Trust.

### Stage One: Evaluate the Site's potential and establish a research agenda for future investigation.

This stage has been completed through the initial stages of investigation and excavation 2015 – 2019.

#### Stage Two: Investigate the Site within a clearly defined research framework and timeframe.

The 2021 to 2023 excavations have been successful in defining the scale of the site and understanding its development. The completion of the excavation will be followed by a programme of post-excavation analysis, publication and dissemination of the results. This phase of the project is ongoing.

The post-excavation phase of the project aims to encompass the production of interpretive material for use in the forthcoming presentation of the site.

The process of discovery associated with this stage of the project has been the best platform for raising awareness of the cultural heritage of the Yarrows on a regional, national, and international stage.

#### Stage Three: Establish a lasting project legacy.

It is the intention that the archaeological excavations at the Burn of Swartigill will culminate in the consolidation of the site for long-term display. This will complement and enhance the existing Yarrows Heritage Trail.

The project could also provide a springboard for future investment in the cultural heritage of the Yarrows, to improve access to and between sites and to update interpretative material. This could include innovative means of disseminating information, such as Virtual Reality and Augmented Reality applications.

#### 3.2 Research themes and questions

Cultural heritage is a finite resource, and excavation is a destructive process. It is imperative that the investigation of archaeological sites is undertaken within a robust research framework, underpinned by a strong academic agenda.

Currently, the earliest dating evidence from the Burn of Swartigill places its development before the founding of the nearby broch at the Yarrows. This would imply that Burn of Swartigill represents an Early Iron Age site occupied before, and potentially into, the period associated with the establishment of brochs in the wider landscape. The apparent absence of a broch at the Burn of Swartigill provides a useful comparison to the monumentality and perceived status of the broch settlements.

The investigation into the Burn of Swartigill draws upon themes and questions generated by the Scottish Archaeological Research Framework (ScARF), specifically concerning the study of the Northern Scottish and North Atlantic Iron Age. The broad areas of research focus can be summarised as follows:

- Site development, chronology and transition. Establish a structured chronology for the site's development, drawing upon multiple strands of dating evidence, including scientific methods, analysis of architectural form, stratigraphic modelling, and diagnostic material culture.
- Economy, environment, and impact of settlement. Investigate themes of site
  development, decline, sustainability within the palaeoenvironment and evidence for
  change through time.
- Power, Status and Social Hierarchies in the Early, Middle and Late Iron Age. Use an
  integration of methodologies to aid in the understanding of function within structures
  and areas of the Site, such as craft specialisation, domestic activity, agricultural
  processing etc.
- Wider Environs survey. There are significant opportunities to further investigate the
  wider landscape and palaeoenvironment of the Burn of Swartigill. A combination of
  survey and environmental sampling methodologies will be used to place the Site and
  its environs within the rich and well-established archaeological context of the
  Yarrows.

The Highland Archaeological Research Framework (HARF) further refines five key areas of research focus for Iron Age in the highland region. Relevant research questions are summarised as follows:

- 1) Environment:
  - How did worsening environment affect pear formation and settlement?
- 2) Settlement:
  - What happens to settlement at the end of the period?
  - Can we identify high status sites from this period?
  - What is the evidence form non-circular buildings in the Iron Age
- 3) Daily life and Diagnostic Artefacts
  - Can we trace movement of (glass) objects made at Culbin Sands and Culduthel?
  - Do dated contexts provide information on the introduction of rotary querns in the Highlands?
- 4) Religion and Ritual
  - Can we identify trends that allow us to predict where people were buried?
- 5) Craft and Industry
  - What evidence is there for lithic tool production in this period?

In addition to the broad research themes stated above, the archaeological investigations set out to answer specific research questions relating to the features and deposits previously encountered on the Site. Questions include:

- What is the full extent and form of the structures exposed on the site?
- What is the relationship between the structures?

- Have any earlier features been incorporated into the extant structural features?
- Do the structural elements identified in the trench extend beyond the excavation area?
- Can the anthropogenic deposits identified on the site provide information about the use and range of activities?
- What can the physical and stratigraphic relationships between the structures tell us about the development/decline of the settlement?
- What was the nature of the wider environment? And to what extent can the deposits within the excavated areas provide this information?

The specific objectives of the 2022-2023 investigations were:

- To expand the excavation area to the southwest of the existing trench to investigate the extent of the Site and further characterise the form of structural features present.
- 2) To investigate the emerging occupation deposits identified within Structures B and D.
- 3) To further investigate the Burn Section and Structure F; involving the partial dismantling of Structure A to understand its relationship to other buildings on the site.

#### 4.0 Fieldwork Methodology

In 2022 and 2023, the main area of the trench was extended to the west and south. Overall, the trench measured 22m in length northwest-southeast by 18m wide southwest-northeast, encompassing 360m<sup>2</sup>.

Following exposure of archaeological horizons, all archaeological features requiring examination or recording were cleaned using appropriate hand-tools. Archaeological horizons were recorded using digital photography, pro-forma context record sheets and drawings to appropriate scales in plan and section. In addition to conventional photography, elevated photography was undertaken by means of an extendable photographic pole and an unmanned aerial system (UAS). The UAS system was used to create corrected georeferenced photomontages of the Site. The Site was also subject to a Structure From Motion Photogrammetric survey. The site survey was related to the National Grid by means of a Trimble GPS system operating to Virtual Reference Station (VRS) correction.

In order to protect the archaeological remains and facilitate future seasons of investigation, the excavation area was covered with durable plastic sheeting (silage pit-liner) held down with tyres and rubble filled sacks at the end of the fieldwork.



**Plate 5:** Annotated aerial view of the Site showing buildings and areas referred to in the text. Photograph by Bobby Friel.

Structure A: Passageway / souterrain

Structure C: Rectangular building

**Structure E:** Location of small rectangular enclosure (removed prior to photograph)

**Structure G:** Small oval enclosure relating to Structure D

**Area I:** A courtyard area to the east of the buildings linking Structures A, B and D

Structure B: Roundhouse

Structure D: Roundhouse

Area F: Paved area & structure eroded by burn

**Area H:** Enclosed area/annexe adjoined to Structure B

**Area J:** An area of rubble, containing huge quantities of fire-cracked stones & charcoal

- 1) 356 to 232 cal BC (Early to Middle Iron Age): The earliest activity on the site dates to between the 4th and mid-3<sup>rd</sup> centuries BC, the transition between the Early and Middle Iron Age. This period is also defined by broch building in Caithness and the wider North Atlantic region.
- 2) 288 to 219 cal BC (Middle Iron Age): Near the burn section (Area 2), we discovered the residues from cremations. The radiocarbon dates tell us that this cremation activity took place in the early- to late-3rd century BC, during the early part of the Middle Iron Age. This is a period in which we know very little about funerary rites.
- **198 to 47 cal BC (Middle Iron Age):** This Middle Iron Age date came from a deposit overlying the rubble infill of the structure and represents the closing and abandonment of the building.
- 4) 779 to 827 cal AD (Late Iron Age to Early Medieval Period): Jumping forward in time to the Late Iron Age, the material that provided this radiocarbon sample was extremely rich in charred oats and barley. The date represents a period of re-use of the earlier Iron Age structures.
- 5) 894 to 945 cal AD (Early Medieval Period): The compacted floor surfaces around the Structure B central hearth were rich in residues from the hearth fuel and the domestic activity that would have taken place when the shell of the building was re-used at the very end of the Iron Age.

#### 4.1 Sampling Strategy

The sampling strategy in the initial phase of evaluation was designed to provide an assessment of the Site's potential, without fully excavating any specific features or deposits. The 2022 and 2023 excavation season used the targeted, structured approach to sampling adopted in 2019 to maximise collection of material from larger areas and potentially significant deposits and surfaces. The sampling strategy involved 100% sampling of all potential occupation-type deposits and layers in order to collect significant cultural and environmental material.

Contexts comprising less than 10 litres (ltrs) total volume were recovered as single bulk samples. Contexts which covered larger areas, both spatially and stratigraphically, were sampled within a grid system, divided into 0.25m<sup>2</sup> sections. Sample grids were further subdivided where additional detail was deemed necessary.

#### 5.0 Fieldwork Results

The Site has been divided into sections for the purposes of interpretation and reporting. At the start of the 2022 season, the site comprised six main structures, which are discussed in turn: Structures A, B, C, D, E, F (including the Burn Section). An additional building, Structure G, was revealed in the southwest corner of the site at the end of 2022. A site plan is provided showing the main structures at the end of 2023 (**Figure 2**).

Context numbers are in **bold** and depths are described as *metres below ground level* (mbgl).

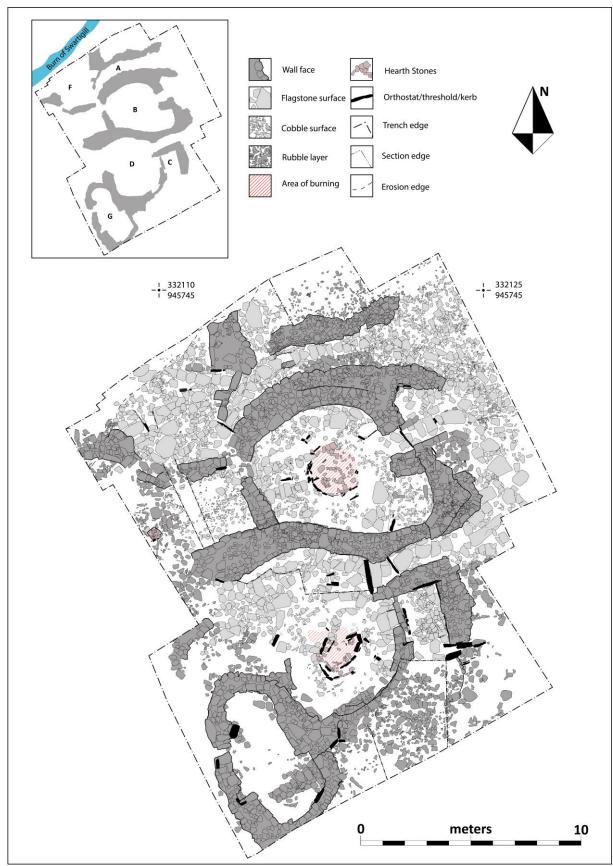


Figure 2: Plan of the Site at the conclusion of the 2023 excavations.

#### 5.1 Structure A

Structure A represents a probable souterrain feature situated at the north end of the trench and curving on a west-east alignment, with a cell at its western end.

In 2023, this cell was dismantled to better understand the underlying Structure F. The construction cut for the west cell was visible in rubble **129** to the north (see Section 5.6). No further work was undertaken in either season in this building.

#### 5.2 Structure B

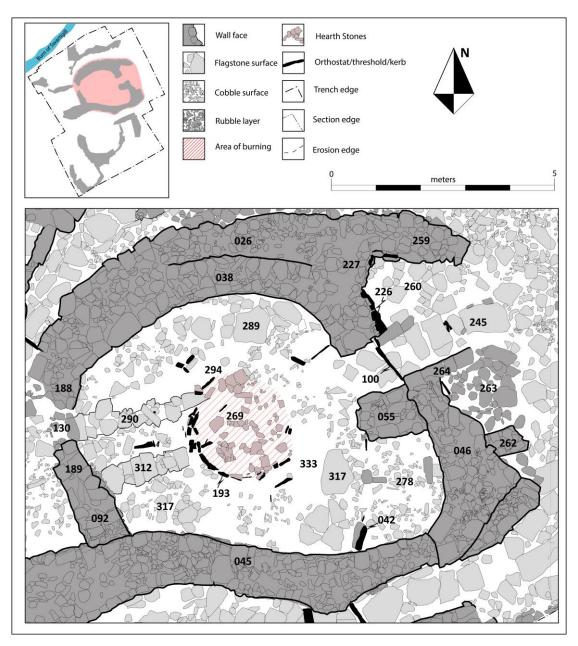


Figure 3: Detail plan of Structure B



Plate 6: Aerial view of Structure B in 2023. Photograph by Bobby Friel.

Structure B is a sub-circular building which dominates the centre of the excavation area, with structural components that are contiguous with other buildings on the site (**Plate 6**). The south east side of the structure is defined by straight section of double faced wall **046** that extends 3.8m from the entrance on a northwest – southeast alignment. Wall section **046** then conjoins with a sinuous double-faced wall **045**, which then curves to the west and extends a further 10m within the excavated area. The south face of wall **045** forms the north side of Structure D, situated directly to the south of Structure B. The wall comprises coursed tabular stone, varying in size, and survives up to 0.4m in height in the southwest corner of the site; the full depth of the structure has not yet been reached. The wall varies in width from over 1.5m on the east side of the structure to 0.8m at its southern end. A possible aperture was present mid-way along the extent of the east-west section of the wall, which may have formed a passage between Structures B and D.

The north side of Structure B was defined by a curving wall **038**, extending 6.25m from west to east and curving to the southeast. The wall measured between 0.8 and 1m in width and was extant to a maximum height of 0.5m.

An entrance was situated on the eastern side of the building, with the threshold into Structure B defined by an edge-set tabular flagstone 100, set between the termini of walls 045 and 038 (Plate 7). The entrance cell was infilled by a deposit of angular and sub-angular stone 098 that extended throughout. It overlay flagstone surfaces 245 and 260, and butted walls 259, 264

and 227 and the entrance threshold stone 100.

The east side of the threshold stone was butted by a larger and neatly arranged flagstone surface **245**, extending east into the entrance passage for a distance 2.8m (**Plate 8**). The flagstones of were large and tabular in form, measuring up to 1m in length, and appear to form the capstones for a drain, although this has not yet been confirmed. **245** was contemporary with an adjacent area of roughly paved flagstones **260**, which butted against wall **227**.



Plate 7: Structure B north entrance and side cell. © ORCA.

Flagstone surface **245** (=**260**) was overlain by a short section of coursed stonework **264**, a single skin thick, which formed the south side of the entrance cell. Wall **264** comprised coursed stonework of dressed tabular sandstone blocks to a maximum height of 0.5m and extended 1.5m in length on a southeast-northwest alignment.

On the north side of the entrance cell, and overlying paved surface **245**, was a roughly constructed wall **259** (see **Plate 8**), which appeared to be contiguous with the Structure A south revetment wall, **026**. It comprised sub-angular stone in a mixed construction form of edge-set blocks and coursed tabular stone. Orientated east-west, wall **259** measured **1.75m** long by **1.18m** wide and survived to a maximum of **0.5m** in height.

The east-facing outer wall **046** of Structure B had a slightly curving aspect to the southeast and a suggestion of slight corbelling in its upper courses. The outer face of the wall was butted by a pier of stonework **262**, measuring 0.5m wide and projecting for 0.5m on a southwest-northeast alignment. The pier comprised coursed stonework, to a height of 0.5m, and

potentially had an elongated triangular form in plan. It is possible that pier **262** formed a buttress against the outer face of wall **046**, although the outer curving nature of **046**, along with the possible corbelling, could be viewed as the remains of a cellular feature, which has been largely robbed or eroded away.

Pier **262** was butted on its north and south sides by a well-organised deposit of rubble **263**, with a very well consolidated matrix of greyish-brown silt and tabular sub-angular boulders. The rubble was mainly deposited on a horizontal plain, with a possible arrangement of edgeset stone set parallel to **262**. This feature, within rubble layer **263** and situated 0.5m to the north of pier **262**, may represent packing or a revetment on the north side of **046**.



**Plate 8:** Shot of wall **259** forming the north side of the Structure B entrance cell, and overlying paving **245** (=**260**). © ORCA.

The west side of the entrance cell was formed from wall **227** (**Plate 9**), extant to 0.75m in height. The wall comprised coursed stonework of tabular sandstone at the north end, butting the inner south face of wall **259**. The south end of wall **227** was built using edge-set blocks of large tabular stone forming a neat terminus at the Structure B entrance. At the south end of the wall, a single large block of stone projected 0.45m past the face of the wall to define the entrance.



**Plate 9:** Coursed masonry wall **227**, Structure B entrance cell, with revetment wall **226** on the left of the photo. © ORCA.



Plate 10: Revetment wall 226 in Structure B entrance cell. © ORCA.

The east face of wall **227** was butted by an arrangement of three upright tabular stone blocks **226**, all measuring 0.35m in height by 0.15m in thickness (**Plate 10**). These stones were slightly wedge-shaped, with the wider end at the top and tapering at the base. This arrangement of stone had been deliberately placed against the wall-face and do not appear to have provided

any structural support; they likely fulfilled some alternative function or may have been placed for purely aesthetic purposes. A hammerstone or grinding stone SF466, was recovered from the space between the base of the upright stones (**Plate 11**). The placement of this well-used object likely represents a deliberate act of deposition.



Plate 11: Stone tool SF466, deposited between the upright slabs of 226. © ORCA.

Rubble 061 extended across the full width of the passageway between Structures B and Structure C. It overlay wall 046 and pier 262, on the east side of the building. It also overlay 225, a layer of loose rubble within a matrix of dark greyish-brown peaty silt and abundant inclusions of angular, fractured and degraded stone, measuring 2.4m by 2.0m and with a maximum thickness of 0.2m. 225 overlay 098, a loosely compacted rubble spread, which, in turn, overlay a deposit of well-consolidated and compacted silt 099. This deposit had abundant inclusions of degraded stone and was of a similar composition to the surface deposit 090 within the interior of Structure B. 099 extended across an area defined by flagstone surface 245 at the entrance passage, but not into the adjacent cellular area to the north. It overlay rubble layer 232, which comprised a dark grey/brown peaty silt with medium to large sandstone blocks, spread over an area measuring 2.4m by 2.0m. This rubble may be the result of wall collapse or, more likely, intentional infilling created after the revetment wall 226 was introduced. 232 overlay 264, a short section of coursed stonework forming the south side of the Structure B east entrance, and which overlay paving 245. Paving 245 (Plate 12) was situated on the south side of the entrance and comprised a rough surface of flatly laid subangular sandstone blocks. It is contemporary with rough paving 260 on the north side of the entrance, adjacent to wall 227.



Plate 12: Flagstone surfaces 245 and 260 in Structure B entrance cell. © ORCA

The western extent of Structure B was defined by a linear section of coursed stonework 189, butting the north end of pier 092 and extending 1.72m to the northwest, effectively spanning the gap between pier 092 and the south-eastern terminus of wall 038. Wall 189 does not appear to butt wall 038. A short section of possible blocking wall 188 butted the southwestern terminus of wall 038 and extended 0.6m to the south towards wall 189. This blocking material was constructed in a triangular arrangement in plan and may also have served as buttressing for the Structure B north wall 038. A possible 0.7m wide aperture was noted between the north end of wall section 189 and the southern extent of stonework 188, filled by rubble layer 130. This aperture may represent a blocked entrance into the structure from the west. A deposit of carbon-rich peaty silt 223 was found within rubble 130 on the south side of hearth setting 193. This measured 1.65m long by 1.36m wide and up to 0.14m deep.

Within Structure B, rubble deposits **107** and **176**, revealed in 2021, overlay a further rubble deposit **338**. This was composed of a dark greyish-brown sandy silt with frequent angular stone, measuring 1.20m east-west by 1.0m and up to 0.5m thick. This overlay a dump of ashy material **168** and pot spread **306** (see below). **338** also overlay **306**, an extensive pottery spread, likely formed from more than one vessel, in the southeast quadrant of Structure B; this was up against wall **045** (**Plate 13**). This pottery overlay **333**, a dark charcoal-rich layer on the southeast side of the hearth, which remains unexcavated.

**168** overlay **272**, a deposit of dark grey sandy silt, with angular stone and frequent burnt bone fragments, which extended from the northeast portion of Structure B along the curve of the south wall **045**, measuring 2.5m east-west by 0.6m transversely. Two pottery spreads underlay

**272**; these were assigned individual context numbers, **369** and **370**, due to their remarkable nature and the substantial volume of the sherds.



Plate 13: Pot spread SF562 (306) against Structure B south wall 045. © ORCA.

#### 5.2.1 The Hearth

A later phase of occupation within Structure B, identified in 2021, included an informal centrally set hearth. In 2022, the remainder of this hearth was excavated, and it became clear that a more substantial and formal hearth setting preceded this later feature in the centre of the building. During 2023, this feature was excavated in quadrants to maintain sections throughout to better understand the stratigraphic sequence.

Late hearth deposits **131** and **132** (see Barton 2022, 26) were removed onto occupation deposit **090**, which has been radiocarbon dated to 894 - 945 Cal AD. In the centre of Structure B, **090** overlay **230**, a spread of reddish-brown peaty silt, rich in charcoal and burnt clay inclusions. This was located within the hearth, contained by a kerb **193**, and measured 1.79m northeast-southwest by 1.34m and up to 0.10m thick. It is likely that this deposit is related to a later phase of use of the hearth. **230** overlay **231**, a group of slabs forming the base for this phase of the hearth. Underlying **231**, and pot spreads **369** and **370**, was a deposit of hearth rake-out material **258** (=**362**), to the northeast of the hearth, comprising a reddish-brown ashy peaty silt, with frequent charcoal inclusions. **258** overlay hearth deposit **266** and yellow clay pad **265** (=**190**).

**265** consisted of a compact orange-brown sandy silt, with very occasional burnt bone fragments, revealed in the southwest quadrant of the hearth. This is the same as **190**,

identified in 2022. This clay was set centrally within the hearth and may have been a possible levelling layer introduced for subsequent use of the hearth. **266** was a lens of hearth rake-out material, consisting of a grey-brown silty clay, with frequent inclusions of charcoal and burnt bone. Both **265** and **266** overlay **269** (=194), a brownish red sandy silt with frequent charcoal flecks, apparently present across the hearth and represents a layer of *in situ* burning within this feature (**Plates 14 & 15**). This deposit was contained by kerb **193** (=101), which was constructed from a mix of stone types, many edge-set, arranged in an arc on the north and west sides of the hearth. It extended for *c*. 1.34m in length, defining a roughly semi-circular area measuring *c*. 1.2m in diameter. This hearth, as defined by kerb **193**, is likely to represent an earlier feature within the secondary re-use of Structure B.



**Plate 14:** Structure B hearth, with outer kerb **193** in the foreground and left of the photo, deposit **258**, and **269** in the top-right. © ORCA.



Plate 15: Deposit 269, northwest quadrant of Structure B hearth. © ORCA.

#### 5.2.2 Southwest Area of Structure B

The dark carbon rich layer surrounding the south side of the hearth **333** overlay a flagstone surface, **317**, extending between the south wall **045** and a possible flue/drain feature **312**. The surface comprised tabular slabs measuring from 0.10m long by 0.10m wide to 0.60m by 0.40m. This surface may be contemporary with flagstones **289** on the east side of the structure. **312** comprised a linear arrangement of substantial flagstones, running northeast-southwest from hearth kerb **193**. This feature measured 2.20m long by 0.70m wide and may represent capping for a possible flue or drain. This ran parallel to another linear slabbed feature **290**, *c*. 0.70m to the north, which also ran east-west from the kerb **193** for *c*. 2.84m and may also be a drain.

#### 5.2.3 Northeast Area of Structure B

In the northeast part of Structure B, **258** overlay a flagstone surface **289**. This consisted of a spread of tabular sandstone slabs, ranging in size from 0.20m by 0.20m wide to 0.80m long and 0.70m wide. Overall, **289** measured 2.25m north-south by 1.1m and extended in front of, but not within the east cell entrance. It may be contemporary with surface **317** on the southwest side of the building (see below).

Two deposits of dark brownish-red sandy silt with a high percentage of charcoal flecks, **294**, were situated under **090** on the northern edge of the hearth. The westernmost measured roughly 0.44m in diameter and the easternmost 0.60m east-west by 0.48m wide; each was up to 0.09m deep. These may represent rake-out material derived from the hearth.

#### 5.2.4 Southeast Cell

In the southeast cell, the removal of rubble **043** revealed a possible surface **278**, measuring 2.3m long by 2.0m wide. The removal of **043** also started to define depth of orthostat **042**, which may relate to the primary layout of the building.

#### 5.2.5 Northwest Extension

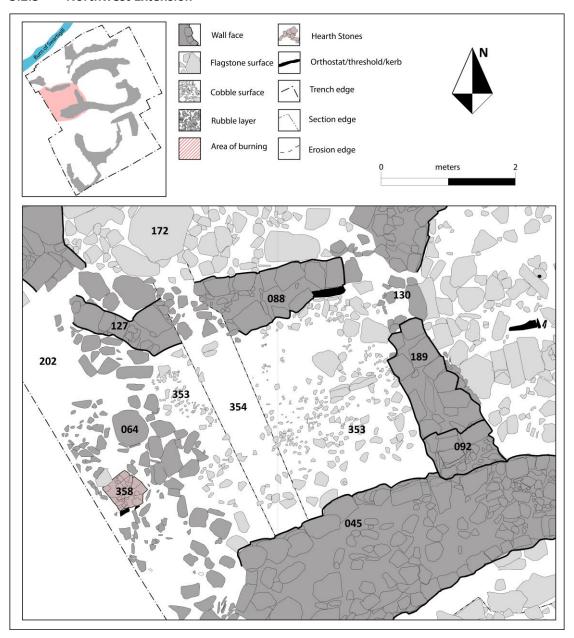


Figure 4: Detail plan of West Extension

In 2022, the Northwest Extension was investigated further. Underlying deposit **128**, a lens of midden, comprising a mid-orange/brown silty clay, with burnt bone and frequent charcoal flecks, **202**, was found butting the south side of wall **127**. It measured 0.60m by 0.37m but extended beyond the trench-edge to the west. A further small concentration of burnt material

**203** was found within **202**, measuring 0.18m north-south by 0.16m and up to 0.01m thick. To the west of this was a possible post-setting **206**, consisting of a roughly triangular arrangement of rectangular slabs, with a flat tabular stone placed in the middle.

A new possible hearth feature **356** was revealed in and around rubble **064**, continuing under the west trench edge. This feature comprised an orange-brown deposit which was adjacent to a yellow-brown material, **357**; both of these deposits overlay a fire-cracked slab, **358**, measuring approximately 0.60m long by 0.40m-0.60m wide (**Plate 16**). Two small upright stones were set around its south side are likely part of the hearth setting.



Plate 16: Possible hearth slab 358 at the west trench edge. © ORCA.

#### 5.3 Structure C

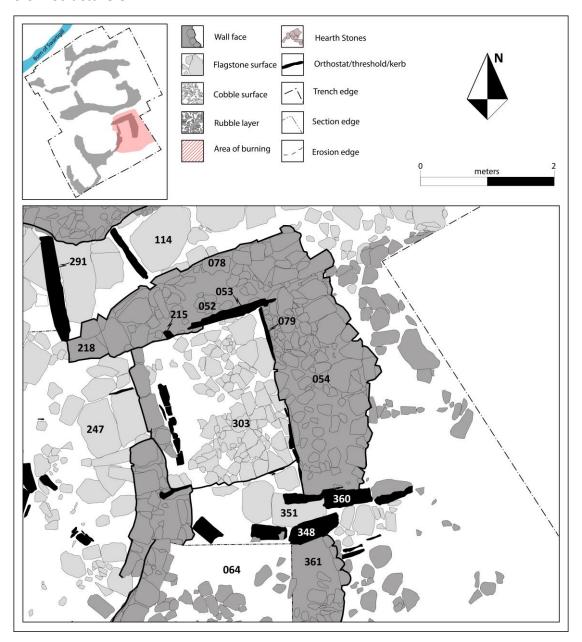


Figure 5: Structure C detail plan

Structure C was situated directly to the south of Structure B and southeast of Structure D (**Plates 17 & 18**). Excavation in this structure was mainly undertaken in the 2023 excavation season, and focused on defining the southern and western extents of Structure C. Structure C was defined by a north-south orientated wall **054**. Extending the excavation area southwards in 2021 had established that **054** continued, extending over *c*. 7.2m with a slight southwestern curve.

The presence of overlying features associated with Structure D prevented further investigation in Structure C in 2021, but previous small-scale investigations had revealed a

rubble deposit **062**, which extended across the structure and butted orthostats **053** and **079**. A small circular patch, c. 50m in diameter and up to 0.05m thick, of carbon rich sandy silt, **342**, overlay **062** in the south arc of Structure C near the Structure D wall, **181**, likely part of the general infilling of the building.

In 2022, further excavation revealed that **062** overlay a spread of rubble **205** comprising subangular blocks with a matrix of dark grey-brown silty clay, which measured 2.3m northwest-southeast by 1.75m and up to 0.15m deep. This also butted the orthostats, as well as the east portion of the Structure D wall (**181**). Both deposits are likely to represent rubble infill or, perhaps, structural collapse. Removal of **205** revealed new orthostat **215**, aligned east-west, representing the continuation of the inner face of Structure C, and in line with **053**. This orthostat was butted by a possible wall **218** on the west side of Structure C.



Plate 17: Structure C, to the east of Structure D. Photograph by Bobby Friel.



Plate 18: Linda (ORCA) and volunteer, Caroline, working in Structure C. © ORCA.

Underlying **205**, was a layer of flat stones, with a matrix of dark grey-brown silty clay, **210** (**Plate 19**). Comprising slabs measuring on average 0.30m long by 0.23m wide and 0.07m thick, this may be a deliberately laid surface adjacent to upright **053**, but it could also be part of an infilling event, similar to the overlying deposits. The slabs overlay a dark brown-grey layer of silty clay with abundant small angular and subangular stone, **216**, located between the orthostats 052 and a wall **218**, and measuring 1.35m long by 1.28m wide.

Removal of slab layer **205** also revealed a discrete shillet layer **217** on the north side of the building, merging with **216**, and butting orthostats **53** and **079**. **217** and **216** overlay an ashrich material, comprising a dark brown-red silty clay, **316**. This overlay the southwest end of a paved surface, **303**, which comprised an area of flatly laid slabs, which covered part of the northwest portion of the structure (**Plate 20**). Overall, the surface measured 1.83m northwest-southeast by 1.05m and comprised slabs ranging in size from 0.10, by 0.08m to 0.60m by 0.45m, some of which were laid flush, whilst others overlapped. Some of the slabs were badly cracked and it may be that it overlies an earlier feature, such as a drain, however, the paving was not excavated in 2023.



Plate 19: Possible surface or infilling deposit 210 within Structure C. © ORCA.



Plate 20: Paving 303 in northwest end of Structure C, looking northeast. © ORCA.

In the south end of Structure C, rubble **062** overlay another rubble deposit **350**, composed of sub-angular and sub-rounded stone, with a mid-brownish grey silty clay matrix. This was made up of stone measuring 0.32m long by 0.31m wide and up to 0.10m thick and could represent

collapse or blocking in the entrance of Structure C.



Plate 21: Part of paved surface 351 with wall 348 to the left and paving 303 to the right, within the north end of Structure C. © ORCA.

A line of stone comprising four large angular blocks **348** was revealed at the south end of the Structure C cell; measuring 2.07m long, with individual stones measuring roughly 0.48m long by 0.20m wide. This feature was aligned roughly east-west and may represent a wall, built as part of remodelling of the northeast entrance into the building. It overlay a paved surface, **351**, formed from substantial slabs, laid to create a neat, even surface (**Plate 21**). The visible extent of the paving measured 1.6m by 0.7m but it may continue northwards under **303**. Two uprights were also exposed which form part of the entrance into Structure C: **360**, which projected eastwards from the outer wall of Structure D, **181**, and upright **359**, which projected westwards from the east wall of Structure C, **054**. A portion of wall-face, recorded as **361**, forms a curving revetment which conforms to the curvature of the inner wall face of Structure D **181**. A layer of organised rubble **385** was revealed within the aperture into Structure C, which probably represents collapse or blocking.

#### 5.4 Structure D

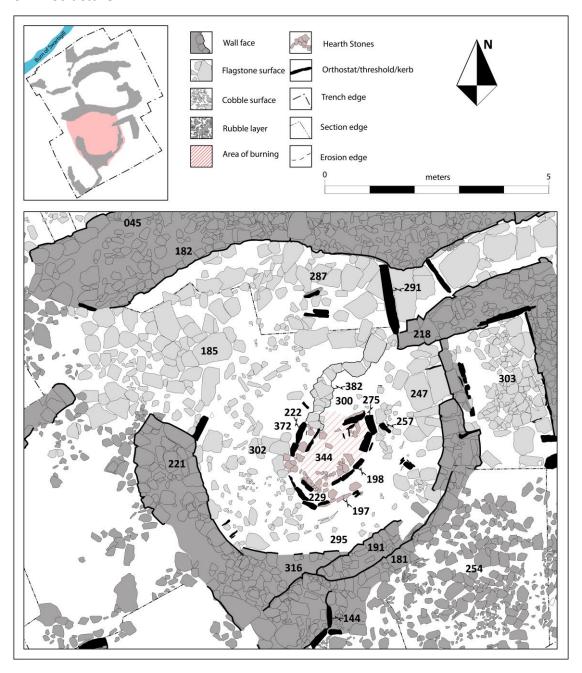


Figure 6: Structure D detail plan

Structure D was a key focus for both the 2022 and 2023 seasons. Previous excavations in the southern extension established that the northern wall was contiguous with Structure B south wall **182** and identified part of a curving wall **181**, forming the south and east arcs wall of the building (**Plate 22**). They also investigated a passageway leading into the northeast arc of the structure. In 2021, a small exploratory sondage in the north of the building revealed the presence of carbon-rich deposits, which were further explored.



**Plate 22:** Aerial view of Structure D at the bottom of the image, with Structure B at the top and Structure C to the right of D.

In 2022, the alluvium **004**, which remained over the southern extent of the building, was removed, revealing a range of different internal features, revealing extensive rubble deposits (**Plate 23**).

Alluvium **004** overlay **008**, a lower interface, which merged with underlying rubble layers **165** in the southern portion of the building, and **097** in the northern portion. **165** was mainly present, and particularly voided, against a sinuous wall **221**, which projected from the south side of Structure D. Several different finds of stone tools (e.g. SF348 & SF378) and quernstones (e.g. SF373) were recovered from **165**. Rubble **097** overlay a well-consolidated dark greyish-brown silt with frequent inclusions of carbonised material and burnt stone **103**, which extended across the interior of the building, and butted walls **182**, **181** and passage blocking material **117**. In turn, **103** overlay probable occupation deposits **180** and **326**. **180** comprised a dark blackish grey silty clay, rich in carbonised organics, namely charcoal, burnt stone and burnt bone. A large knocking stone (SF 169) was situated in this location, with deposit **180** accumulated around its base. Further investigation identified that the knocking stone was situated over a flagstone surface **185**. Deposit **180** also butted the Structure D north wall **182**. Layer **326** was an amorphous spread of heavily carbonised material, containing fire-affected stone and burnt bone, measuring **1**.0m by 0.70m and up to 0.05m.

In the south of Structure D, the removal of rubble **165** revealed more of the inner wall-face of **181**, and a further spread of rubble **196** (**Plate 24**), which was confined to the southwest arc

of the building; this deposit appeared fairly organised and sloped consistently in towards the wall. It sealed a paved surface, **247**, likely associated with hearth **243**.



Plate 23: Rubble 165 in the southeast area of Structure D. © ORCA.



Plate 24: Shot of rubble infill 196 within Structure D, looking west. © ORCA.

A series of flatly laid stones, 177, thought to be a possible dividing wall in the interior, is more

likely either rubble or related to the post-abandonment phase of the building.

Both **180** and **326** overlay a possible occupation layer **183** (=**224**), a grey-brown clayey silt with charcoal flecks. A rotary quern fragment (SF516) was deposited in this material (**Plate 25**). A line of large sandstone blocks **352**, extended 1.6m from east to west, underlay **183** (=**224**), and may represent a revetment wall situated on the north side of Structure D.

An area of rough paving **185** underlay **352**, and this sealed a deposit of yellow-grey silt and rubble **341**, comprising angular and sub-angular stone, and measuring at least 0.40m deep. **341** overlay a series of discrete lenses of material in the north portion of Structure D, in a passage-like area, immediately south of the Structure B south wall **182**: **340**, **349**, **377** and **383**. **340** was a spread of reddish-brown silty clay, with charcoal flecks and burnt bone, measuring 0.50m north-south by 0.20m and up to 0.10m deep. **349** was a thin lens of black, carbon-rich silty clay, abutting the Structure B south wall and measuring 0.30m in diameter. Deposit **377** comprised a black silt and contained an abundance of carbonised material, likely to be heather remnants. To the north of **377**, and butting the Structure B south wall, was a sticky light orange silty clay **383**. These deposits are likely dumps of material into this possible passage from within the main area of Structure D.



Plate 25: Rotary quern SF516 in occupation layer 183. © ORCA.

A lens of greyish-brown silty clay **336**, with charcoal flecks, lay between the slabs **287** and butted blocking **117**; it measured 0.50m by 0.20m and up to 0.10m deep and produced burnt bone (SF634) and several pieces of cramp (SF636). An area of paving **287** was revealed in a small section dug through **341** immediately south of **182**. Its visible extent measured approximately 1.70m by 1.30m overall. Some of the slabs overlay each other while others

appeared 'interlocked'; one of the slabs was notched.

#### 5.4.1 Hearth

The hearth **243** in Structure D was initially revealed in 2022 and excavated in 2023 (**Plate 26**). The hearth was set centrally within the building and was formed from a large sub-angular slab **200**, laid flat and orientated northwest-southeast. Measuring 0.85m by 0.68m, this slab was extremely heat-affected, being vibrant red and orange in colour, and very fragmented. The flagstone was bounded by an inner and outer horseshoe-shaped kerb of stones **198** and **197**, respectively. The outer ring **197** was visible only on the northwest side and may have been robbed out. It comprised a line of four sub-rounded stones ranging from 0.20m to 0.45m long and 0.15m to 0.42m width. Overall, **197** measured 1.6m long by 0.4m wide and was orientated northeast-southwest. The inner ring **198** comprised a single line of edge-set tabular stone, curving in a horseshoe around the south, west and north sides of slab **200**. Overall, **198** measured 1.4m by 1.2m, with individual stones ranging from 0.25m to 0.65m in length.



**Plate 26:** Shot of hearth **243**, with base slab **200**, outer kerb **197** and inner kerb **198**. Looking west. © ORCA.

A well organised rubble layer **196** occupied a large portion of the southwest quadrant of the Structure D. Rubble **196** overlay a deposit of grey-brown clayey silt, with occasional charcoal flecks, **199**, measuring c. 0.50m in diameter and up to 0.05m thick. This, in turn, overlay **229**, a possible deposit of hearth rakeout, comprising a dark brown clayey silt with angular stone, situated to the south of the hearth, and measuring *c*. 0.60m in overall diameter. It seems that the base slab **200** of hearth **243** was a later addition to this feature and a levelling deposit **315** was introduced prior to the laying of this slab and adjacent flagstone surface, **247**.

Several modifications were made, and features added, in and around the hearth; these were visible as a series of recuts and additions to the kerb, and the construction of a number of stone features. A stone setting **275** was situated immediately northeast of the hearth (**Plate 27**); some of the stone making up this feature, and spread around it, was heat-affected. The stones making up **275** were sub-angular blocks set in a roughly U-shaped arrangement, with a gap at its south end. Packing stones **285** were visible adjacent to the main blocks on its northeast and east sides. Overall, **275** measured 0.90m long northwest-southeast by 0.60m transversely and up to 033.m deep. A further upright stone, **277**, within the setting, may also represent packing. **275** was filled by **271**, a red-brown ashy material, measuring 0.34m by 0.18m and 0.30m deep. A circular cut **282** had been made into **271** and a pad of stone **280** placed at its base. This was then filled with an ashy material **288** and a group of three stones, **276**. These stones were closely set and measured between 0.24m and 0.92m long and 0.10m and 0.22m wide; they may be slumped packing stones for a post that rested on stone pad **280**. The heat-affected nature of the stone forming and around **275**, however, may suggest that this feature represents the remains of a kiln.



**Plate 27:** Stone setting or possible kiln **275** with packing stones **276**, set centrally, and packing stones **285**, on the right of the photo. © ORCA.

Underlying this was a linear cut **363**, which ran northwest-southeast, parallel with the northeast end of the hearth. It measured 0.87m long by 0.14m wide, and up to 0.08m deep, with sharp breaks of slope at both top and bottom. The cut was filled by **299**, a mid-reddish brown silty clay, with peat-ash and charcoal flecks, likely deriving from the hearth. It seems that **363** is a recut of an earlier, similar feature **365** lying immediately to the northeast (see

below) and may have held an upright stone. **363** was also cut through **344**, a spread of hearth material, comprising an ash-rich, vibrant, mid-brown/red silty clay, **344**, with yellow/grey patches. **344** extended across most of the hearth interior, orientated northwest-southeast and measuring *c*. 0.90m by 0.82m and 0.04m deep.



**Plate 28:** Hearth deposit **344** within **243**, adjacent stone boxes **222**, **275** and sandstone blocks **343** against inner kerb **198**. Structure D, looking southwest. © ORCA.

Underlying **344**, were two sandstone slabs **343** in the southeast side of hearth **243**, adjacent to the east inner kerb, **198** (**Plate 28**). These may represent remnants of a hearth-slab within **243**, which was placed over an ash-rich deposit, **371**, mid-brown/red in colour, representing a hearth deposit very similar to **344**. **371** contained many diffuse lenses and layers, particularly apparent in section, related to multiple burning episodes within the hearth.

A short kerb **381** within the hearth is likely to represent a secondary modification to this feature, running roughly parallel with **244**. These stones may represent a further possible inner kerb associated with the hearth or a remnant of a later structure. **381** overlay a stony layer, **380**, within the hearth, measuring 0.81m northeast-southwest by 0.36m, and comprising very degraded sandstone blocks; these were laid horizontally and varied in size from 0.05m to 0.30m long.

A shallow channel **365** was cut across the northeast end of the hearth. Measuring 0.60m by 0.14m and up to 0.08m deep, this feature was orientated northwest-southeast, was located at what is now the 'open' end of the hearth. It was filled by **366**, a mid-orange pink silty clay, with peat-ash and charcoal inclusions, likely deriving from the hearth. It may be that this cut formerly held an upright stone and is an earlier iteration of the kerb, demarcating this end of

the hearth.

A stone box 222 was situated immediately west of hearth slab 200, formed from uprights 237, 238 and hearth inner kerbstones 198 (Plate 29). The box measured 0.80m north-south by 0.40m transversely and was filled by two deposits. The latest of these, 235, comprised a dark grey-brown clay, with lenses of mid-grey/orange ash, measuring 0.80m north-south by 0.24m, is likely to represent material derived from the hearth. 235 overlay a deposit of dark grey-brown clayey silt, 261, with an abundance of heat-affected shillet, which was visible for 0.40m north-south by 0.24m. It is possible that this is the primary fill within 222, but it could be an earlier deposit affected by heat from the nearby hearth.



Plate 29: Stone box 222, butting hearth inner kerb 198, during removal of 235. © ORCA.

Another possible stone setting **257** (**Plate 30**) was situated to the northeast of the hearth. This feature was relatively insubstantial upon excavation and may be related to the formation and modification of possible kiln feature **275** immediately to the north.

An ash deposit, **372**, underlying hearth outer kerb **197**, may represent traces of an earlier hearth, which was not excavated in 2023.



Plate 30: Possible stone setting 257 on the right side of the image. © ORCA.

#### 5.4.2 Flue

A curving line of slabs, **382**, was situated north of hearth **243** (**Plate 31**). this comprised c. 12 angular slabs, each measuring from 0.24m long and 0.16m wide to 0.48m long and 0.34m wide. Running north-south, the feature measured 1.60m long by 0.90m wide. Notable voids were observed under the southernmost slab, and it is possible that the slabs are capping stones for a flue feature associated with the hearth.

In the south portion of Structure D, shillet deposit **196** overlay a series of different contexts, including two discrete dumps of ash-rich material **307** and **308**. **307** comprised a dark redbrown sandy clay and measured roughly 0.50m in diameter and up to 0.10m deep. **308** was a dark blackish brown sandy clay and charcoal flecks, which measured 0.70m by 0.60m northwest-southeast. To the south of hearth **243**, these deposits came down onto a thin spread of mid-orange/brown sandy clay with charcoal flecks, **267**, measuring c. 0.55m eastwest by 0.50m and up to 0.05m thick; this material may well have derived from the hearth. Under **267** was a possible earlier wall **314**.

A posthole **283**, at the north end of hearth **243**, comprised a sub-circular cut measuring 0.35m northeast-southwest by 0.28m and 0.22m deep; this was filled with **292**. A rhomboidal arrangement of upright sub-angular slabs **284**, measuring 0.40m northwest-southeast by 0.26m overall and up to 0.2m high, were placed as packing within this feature, with one slab possibly reused from an earlier feature **281**, situated immediately to the west. **283** was cut into underlying ashy deposit **267**.



Plate 31: Possible flue/drain cover 382 in Structure D. © ORCA.

An interface layer of dark grey-brown clayey silt with shillet, **246**, underlay the rubble **165**. Deposit **246**, in turn, overlay an occupation layer of light brown-grey silty clay, **268**, measuring 1.4m north-south by 0.39m transversely, situated in the south of Structure D. This material overlay an extensive area of paving **302** (**Plate 32**), which measured 2.9m north-south by 1.15m transversely and comprised large sub-angular slabs, each roughly *c*. 0.60m long by 0.4m wide. A compacted light brown-grey silty clay, with yellow clay patches and occasional charcoal flecks, **295** lay near **302**, in the southwest of the building; this probably represents a compacted occupation layer, possibly contemporary with the paving.

Underlying **302** and **295** was occupation deposit **301** (=**329**), a dark grey/brown silty clay with occasional charcoal and ashy flecks, concentrated to the west of the hearth. A number of potsherds, including a base (SF679), and possible stone tools (e.g. SF683, SF689) were recovered from this material.

Situated at the southwest end of the hearth was a stone box or post-setting **239.** This was formed by a cut, **240**, which was lined with four sub-angular, irregular stone blocks **241**, and subsequently filled by **242**, a dark grey-brown clayey silt. The feature measured 0.27m northwest-southeast by 0.16m wide. It is likely to have been a post-setting or box related to the use of the hearth.

At the northeast end of the hearth, a cut, **281**, was made through deposits **274** and **300**. This was likely a preparatory cut for a stone setting, **275**; this was built using three large orthostats, forming a U-shaped arrangement open to the southeast and facing the central hearth. Overall, this feature measured 0.90m northwest-southeast by 0.60m. Several stones **285** were placed

on the east side of **275**, while upright stones **277**, were packed into the space on the inside face of **275**, on its east and west sides. It was filled by a mid-reddish brown, ash-rich deposit, **271** and the setting may have been a box into which material from the hearth was deposited.



Plate 32: Paving 302 in the southern area of Structure D. ©ORCA.

**274** was a stony layer comprising a dark grey-brown silty clay with abundant small, angular stone, partially exposed in 2023; it currently measures 0.50m north-south by 0.45m and up to 0.10m deep. **274** overlay **267**, the rubble deposit to the south of **243** hearth mentioned above. A firm, mid-yellow clayey silt with occasional charcoal flecks, **300**, measuring 0.85m long by 0.75m wide, was partly exposed in 2023 and may be an occupation layer or levelling deposit. Both **300** and **274** were truncated by the construction of **281**.

Two parallel orthostats **298** were visible at the base of the cut for **281**. These measured c. 0.25m by 0.10m by 0.08m and were set on a northwest-southeast alignment. It remains unclear whether these uprights relate to **281**, or whether they are part of an earlier feature.

The removal of rubble deposit **103** revealed more complex structural arrangements within the interior of the building.

An orthostatic feature **144**, projecting from the southern arc of **181**, is probably part of a communicating area between Structures D and G to the southwest., or simply to the outside of Structure D. This feature was unexcavated, but it was clearly heavily modified. A linear arrangement of blocky stones **191**, spanning the inner arc of **181**, and effectively straightening this section of wall, may represent remodelling of the interior space to form a more rectangular space within Structure D. Its presence obscured relationships in this area. Rubble

deposit **376**, located in the entrance to Structure C was overlain by the rubble infill **196**, in the southern portion of Structure D.

The wall faces of **181** and straightened rebuilt section of wall **191** both exhibit signs of heat in the form of fracturing and discolouration. The most concentrated areas of heat effect are present in the southeast arc of the building.

#### 5.5 Structure E

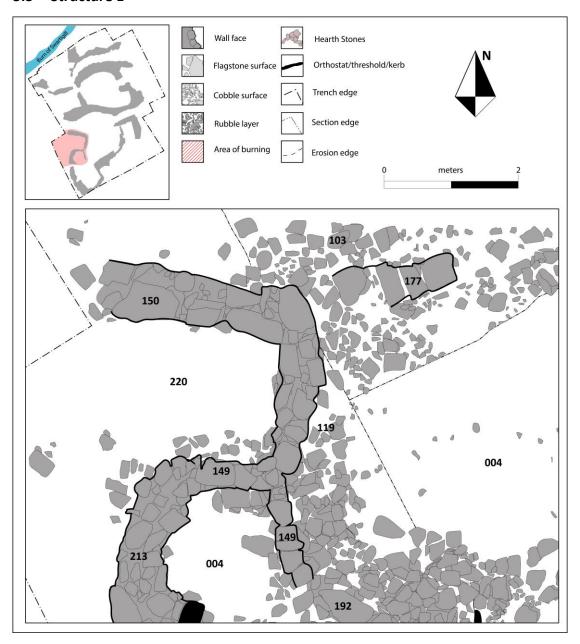


Figure 7: Structure E detail plan

Situated in the southwest extension of the trench, the upper courses of a sub-rectangular building, Structure E were partially exposed in 2021 (**Plate 33**).



Plate 33: Structure E. © ORCA.



Plate 34: Wall 213, with large, rounded boulder 214 at its terminus. © ORCA.

Work began in 2022 with the removal of remaining rubble **119**. This worked helped to further reveal and define walls **149** and **150**. The removal of rubble **151**, to the south of wall **149**,

showed that it curved around to the southwest, where it was recorded as **213**, terminating at a large, rounded boulder **214**, similar to that in Structure F (**Plate 34**). **213** formed the westwards extension of **149** of the building, consisting of a series of large structural boulders. The stonework on the inside edge of the north portion of **149** was significantly less solid than the coursed stonework forming the south face, and overlays an alluvial deposit **201**, which in turn overlay a dark stony deposit **204**, similar in composition to alluvium **004**. Two grinding stones (SF411 and SF432) were incorporated in the upper courses of **149**. Both **213** and **149** seemed to be set on alluvium **004**.

Inside Structure E, rubble **151** was removed onto **184**, a mid-orange/brown sandy silt with some charcoal inclusions and sub-rounded and sub-angular stone (**Plate 35**). This measured 2.80m east-west by 1.60m and up to 0.12m deep. The removal of **184** revealed a mottled ashrich material **220**, which spread to the west. **220** comprised a dark grey-brown clayey silt, rich in carbonised inclusions, to the south of wall **149**. It measured 4.23m east-west by 1.70m and may represent midden associated with the infilling of Structures D and G.

The removal of Structure E allowed access to the underlying structural remains, which were thought to relate to Structure D. After finishing excavation within Structure E, in 2022, the remains of the building were dismantled.



**Plate 35:** Excavation of charcoal-rich deposit **184** within Structure E, with walls **150** to the left and rear, and **149** to the right. © ORCA.



Plate 36: UHI field-school student, Steff, excavating 184 in Structure E. © ORCA.

## Wall face Hearth Stones Orthostat/threshold/kerb Flagstone surface Trench edge Cobble surface Rubble layer Section edge Area of burning Erosion edge 082 (033 010 163 126 309 025 389 037 172 173 088

#### 5.6 Burn Section and Structure F

Figure 8: Structure F detail plan

The excavations in the Burn Section continued in 2022 with further investigation of Structure F, which comprised a boulder-constructed wall, **010**, visible in the burn section, and running north-south. The remaining baulk of turf and overburden in this area was also removed, revealing more features which may relate to Structure F (**Plate 37**).

Rubble **129** (=**034**) was situated immediately adjacent to the burn and comprised a loose, midgreyish brown silty sand, with voided abundant large angular stones, with some larger boulders and sub-angular blocks (**Plate 38**).



Plate 37: Aerial view of Burn Section and Structure F. Photograph by Bobby Friel.

Measuring 7.70m northeast-southwest by 4.80m, and up to 0.60m deep, **129** produced an abundance of pottery, some charcoal and burnt bone. A cut, **211**, was made through this deposit for the Structure A west cell. **129** overlay a series of deposits excavated and discussed previously (Barton 2022, 12-13). In 2022, it was observed that **129** butted against **173**, a deposit of densely packed stone, which measured 0.77m wide and 0.27m deep, with stone sizes ranging from 0.18m by 0.10m to 0.30m by 0.18m. At this stage, it is uncertain whether **173** is structural or well-organised rubble.



Plate 38: Rubble 129, north of Structure A and west of Structure F 010. © ORCA.



Plate 39: Paved surface 172 in Burn Section, at centre of photograph. © ORCA.

Underlying **173** was an extensive flagstone surface **172** (**Plate 39**), comprising closely-set, large sub-angular slabs with smaller stone laid in between these. Overall, this surface measured 7.70m northeast-southwest by 4.80m wide. The paving butted against **088**, the south wall of the Structure A west cell.

Two boulders **207** (**Plate 40**), similar in form to, but on a different alignment from Structure F may represent a short stretch of wall. Aligned northwest-southeast and measuring 0.95m long by 0.42m and up to 0.32m high, this feature overlay natural **083**.



Plate 40: Wall 207, on the edge of the Burn Section. © ORCA.

In the area previously occupied by the cist **072**, **129** overlay a small deposit of cobbled stones **310**, measuring 0.70m long by 0.70m wide, and representing a rubble spread. An upright slab **309** was placed at the south end of boulder wall **010**. A rectangular stone setting or niche was formed from **309**, projecting upright stone **037**, and **087**, the north wall of the Structure A cell. This niche contained a deposit of mid-grey/brown silty sand, with some charcoal and subangular stone, **313**, which measured 2.20m northeast-southwest by 1.0m and up to 0.06m deep. A charcoal-rich deposit **327** underlay **313**, measuring 0.40m northeast-southwest by 0.35m transversely and up to 0.02m deep. It seems that the west side of this deposit has been washed away by the burn. **313** also overlay a narrow, paved surface previously thought to be the same as **172**. Excavation has shown that this is a more defined linear arrangement of stone, distinct from **172** and has been attributed a new number, **389**. This paving runs eastwest for approximately 3m towards the burn edge, where it has been truncated by erosion. Its north edge seems to be demarcated by boulders **077**.

A sondage was excavated running from south of wall **088** northwards to the burn edge. This revealed a deposit of closely-set and compact rounded pebbles, **353**, which may be a deliberately laid surface but could be natural. This overlay a clay deposit **354**, which is probably the same as the natural clay, **083**.

#### 5.7 Structure G

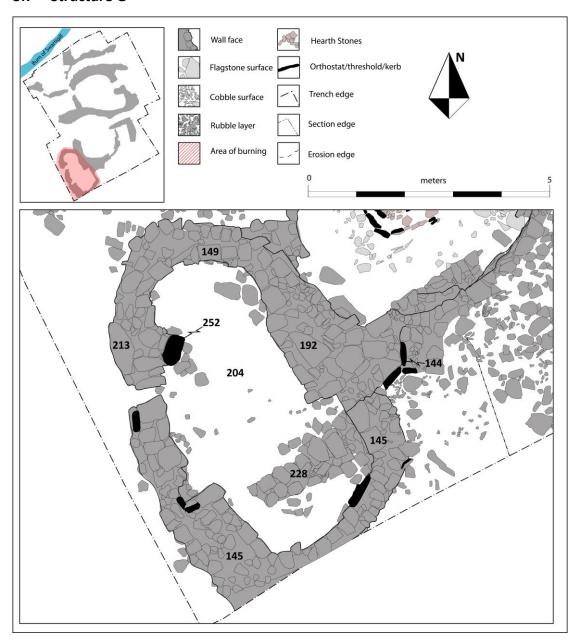


Figure 9: Structure G detail plan

In 2022, a possible kidney-shaped building, Structure G, began to emerge in the southwest extension, southwest of Structure D (**Plate 41**). This building was aligned northwest-southeast and reused some of the walls formerly within Structure E. An entrance passage was situated on its east side, towards its south end. Immediately outside this entrance, was a setting of two upright slabs **144** adjacent to a line of stones **145** forming the south side of the passageway. Overall, the building measured approximately 5.5m north-south by 2.5m east-west. The walls were roughly built and, when excavated, **192**, which defined the east side of the building, and **149**, which formed the north side, were found to be fairly insubstantial. The west side of the building was formed by wall **213**, at the southern end of which was a substantial boulder, **252**,

set on end, with signs of wear on its upper face. The southern arc of the structure was formed by wall **145**.



**Plate 41:** Structure G, to the southwest of Structure D and south of Structure E. North is at the top of the photo. Photograph by Bobby Friel.

The removal of rubble **097** and alluvium **201** revealed a deposit of more flatly laid and compact rubble **251**, in the west area of Structure G (**Plate 42**). This may represent a deliberate, formal layer of stone within Structure G, onto which was formally set the large orthostat, **252**, at the southern end of wall **213**. A possible rough surface of sub-angular cobble-like stone **251** overlay **204**, a deposit of dark brown clayey silt, with some sub-angular stones and charcoal flecks visible across the interior of Structure G. It measured 7.70m by 4.60m and up to 0.10m thick. This material also contained cramp, flint and burnt bone.

A sondage was excavated through the middle of the Structure G to investigate the sequence of deposits here. It showed that **204** overlay **321**, a dark, humic deposit which preceded Structure F. This overlay a deposit of mottled orange-brown sandy silt with carbonised flecks and burnt stone, **379**, visible in the northwest corner of the sondage. Underlying **379**, was a widespread deposit of carbon-flecked, dark grey-brown sandy silt with burnt stone, **325**. This butted against an arrangement of boulders **323**, and also overlay a layer of rubble and shillet **322**. Hints of a flagstone surface **324** were visible below **322**. At its western extent, **325** appeared to overlie a deposit of rubble **328**, which measured 2.60m east-west by 1.22m.



**Plate 42:** Shot of Structure G, showing deposits **251** and **204** on the left, and dividing wall **228** and deposit **279** to the right. The entrance is at the top of **228** © ORCA.

A gently curving line wall **228** extended across the width of the southern part of the building, immediately south of the entranceway. **228** had several courses of masonry and appeared to butt wall **145**.

Outside, and to the northwest of, Structure G, were two deposits, **234** and **220**. **234** was a dark brown clayey silt, with angular stones and some small charcoal inclusions, measuring 1.70m east-west by 1.60m transversely. Both **220** and **234** overlay a thin spread of ashy material **250**, black in colour and comprising clayey silt, with occasional angular stone and charcoal inclusions; this measured 1.05m northwest-southeast by 0.70m and up to 0.04m deep. A greyish-brown deposit **279** was revealed in the southern portion of Structure G.

In the area under Structure E, the removal of **004** recovered a Guido 13 glass bead, broken in half across the central perforation.



**Plate 43:** Structure G north wall **149/213** and large stone **252**, which has signs of wear on its upper surface. © ORCA.



Plate 44: Guido 13 glass bead SF400, blue with yellow spiral. © ORCA.

#### 6.0 Finds

A post-excavation assessment of all of the artefactual and environmental material recovered to date has been undertaken (Barton, Brend & Carruthers 2024). A short summary of the findings from the 2022 and 2023 seasons is presented below.

#### 6.1 Pottery

A total of c. 1600 separate pottery sherds have been recovered from Swartigill, with c. 900 of these from the 2022 and 2023 seasons. The majority are prehistoric pottery fragments of Iron Age date, with a small number decorated with incised lines. Many of the sherds from 2022/2023 were recovered from pottery spreads within the Burn Section and Structure B.

#### 6.2 Stone tools

Some 57 stone tools or worked stone objects were recovered during the 2022 and 2023 seasons, including four definite and possible quern-stones. These comprise a large number of cobble stone tools. A number of the stone objects were incorporated within walls/surfaces and, therefore, remain *in situ*.

#### 6.3 Other finds

A Guido type 13 glass bead was recovered from deposits underlying Structure E, and a fragment of amber bead from Structure B. Environmental material from processed samples has been assessed, the findings of which are presented in the Post Excavation Assessment (Barton, Brend & Carruthers 2024).

#### 7.0 Discussion

The 2022-2023 excavation seasons have allowed us to answer some questions about the extent, state of preservation, development and degradation of the Site.

Modelled radiocarbon dating of deposits indicate that activity on this site took place in the Early, Middle and Late Iron Age periods. Analysis is ongoing and this report provides an interim discussion of what we understand about the site so far, as well identifying further research questions which can be answered more thoroughly in future seasons of excavation.

A post-excavation report has been produced and this will outline the details of, and plans for, the material archive.

The results from a programme of radiocarbon dating, artefact analysis and assessment of environmental evidence will be added to this report and discussion as they become available.

### 7.1 The roundhouses

Work continued in both Structures B and D in 2022 and 2023. The work from both seasons confirmed that, like Structure B, D is a complex building. It is a sizeable structure with areas clearly demarcated by areas of paving and occupation deposits; it has a large internal area,

only slightly smaller than Structure B.

In Structure B, it seems that we have reached occupation levels that relate to the main hearth. A sondage excavated on the north side, however, shows a further 0.15m-0.20m depth of remaining material that is likely to represent earlier occupation layers and hearths.

The Structure B hearth is also complex, with interleaved slabs and ashy deposits representing successive episodes of *in situ* burning. Later hearth remains in the same position as the more substantial hearth excavated in 2023.

It is possible that we have reached primary occupation within Structure D. There is possible evidence for an earlier flagstone surface on the north side of the building but whether this suggests a wholesale earlier phase is uncertain.

Structure D has a hearth similar to that in Structure B in terms of scale and form and in being centrally situated within the building. The Structure D hearth underwent considerable modification and reworking throughout its use, with a series of stone settings around it, including a possible kiln, **275**, and flue, **382**, on its northeast side. A similar layout of features may be seen at the roundhouse excavated at Loch Shurrery, Caithness (MacLaren 2003, *illus* 5).

Structure C, situated immediately to the east of Structure D is likely to be an annexe to, and therefore contemporary with, D rather than a separate building.

Both Structures B and D have very similar layouts with circular space and annexes, with similar movement and access possible internally.

#### 7.2 Other Structural Features

In the Burn Section, another wall found here may relate to Structure F. Underlying the former cell of Structure A was an extensive area of paving, which may also relate to Structure F.

Structure E was dismantled, and a series of deposits found to underlie this. The Guido 13 glass bead was recovered from one of these layers. Structure G, was also revealed to the south of Structure E. The north wall of this oval building was shared with the south wall of Structure G. It is likely that Structure G relates to an annexe or ancillary building to Structure D, which may have originally been accessed through a passage in the southwest corner of Structure D. Further investigation would be required to confirm this hypothesis.

#### 7.3 Post-Excavation

The post-excavation assessment summarises the artefactual and environmental material from the site. Further assessment and analysis will follow on from this initial work, including:

- Assessment of the site's chronology upon return of radiocarbon dates.
- A detailed assessment of the environmental evidence recovered from soil samples from the Site will provide insight into how the people at the Burn of Swartigill used local resources and their impact on the environment. This will feed into our

understanding of fuel sources, agricultural activity, climate, environmental pressures and land management.

- Artefact assessment and preliminary analysis.
- A programme of Zooarchaeological Mass Spectrometry to enable identification of species from burnt bone fragments.
- Potential for chemical analysis of glass beads.
- Assessment of copper alloy artefacts for long term conservation.

The ongoing post-excavation work will also facilitate a forum for discussion of the Site's long-term display and publication. This should include options for some elements of the structural remains to remain exposed for permanent public display. Such a process would require an assessment of the Site's safety and stability, along with a proposal for the consolidation of the excavated remains.

The display of the site should also be considered in terms of innovative methods, such as virtual and augmented reality applications.

#### 8.0 Conclusions and Recommendations

The 2022 and 2023 excavation seasons investigated six buildings at Swartigill. This work has furthered our understanding of the site's development and yielded a range of materials to examine activities on the site. It provided a rare opportunity to investigate a non-broch site in Caithness from this period.

The main foci of the seasons' excavation were the two roundhouses, Structures B and D, which yielded rich occupation deposits, complex hearths deposits, environmental and artefactual material. It seems that, although there are indications of more occupation within both roundhouses, we have reached primary occupation within them.

The removal of Structure E allowed us to reveal and excavate Structure G, to the south. We also investigated more of the burn section, where the removal of the Structure A west cell revealed a paved surface that may relate to Structure F, and the presence of another possible wall relating to earlier structural remains on the site, partially eroded by the burn.

The excavation has enabled the definition of connectivity between structures, which also goes some way to establish the contemporary nature of many of the buildings on the site. There is a clear link between the eastern entrance ways into structures B and D, via a flagstone surface that encompasses the east side of the site. This area is likely to represent an open courtyard area. It is also likely that this courtyard area led into the passage structure, or souterrain, Structure A. The removal of the cell at the west end of structure A confirmed that this element of the structure was inserted into the rubble infill within Structure F, and that the passage of Structure A likely originally lead into this courtyard area of structure F.

The connectivity between structural features can also be seen within the roundhouse buildings and adjacent annexed areas. In Structure B, the traces of an aperture to the west are evident in the modifications in the walling on this side of the building. A similar situation is

present at the southwest corner of Structure D, which would appear to represent a communicating aperture into Structure G. The 2023 excavation also defined Structure C was likely a conjoining annexed cell to Structure D, rather than a separate building predating it.

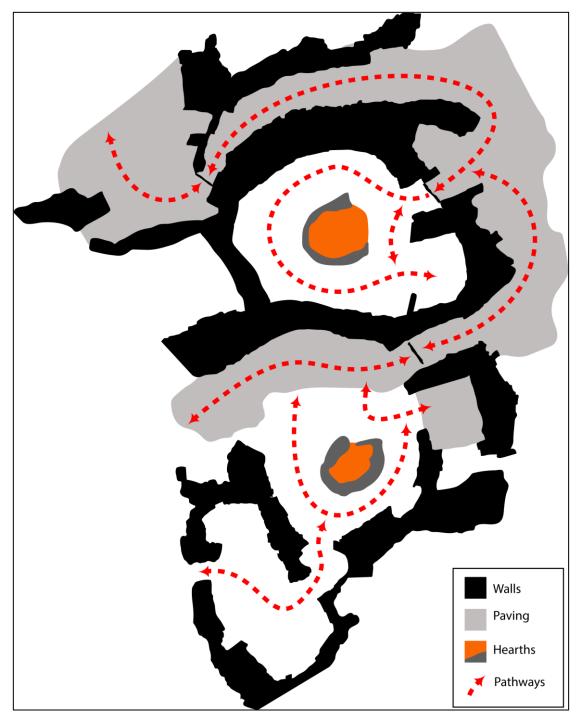


Figure 10: Schematic plan of site showing interconnectivity between structures

Our understanding of the activities taking place within these structures, and their possible function, has been expanded by the 2022 and 2023 excavations. Structure B appears to likely to have had a domestic function, though with the possibility of certain more specialised

activities, pertaining to the deposition of the pottery spreads within the southern arc of the building. The presence of possible flue features connecting to the hearth suggest it was used for some form of specialised activity.

Within Structure D, the presence of a possible kiln like feature within the earlier phase of the hearth, along with the burnt stone building up and heat affected damage to the interior wall faces, all point towards some form of industry or craft specialisation. There is no evidence for metal working associated with these features, or on the site more widely. It is possible that the kiln feature was utilised in the production of pottery, or the firing of clay objects.

The area to the north of the settlement, including Structure F, appears to have been deliberately infilled with rubble, around the time when the passage Structure A, was modified with a cell at its western terminus.

Radiocarbon dates from samples of the occupation material will enable us to place this activity within a structured chronology for the site.

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## 11.0 Appendices

# **Appendix 1:Contexts Register**

Context	Site	Туре	Description
No.	Subdivision		
1	N/A	Layer	Topsoil/Turf layer
2	N/A	Layer	Subsoil
3	N/A	Cut	Cut of former trial pit
4	N/A	Layer	Mineralised alluvium
5	N/A	Layer	Grey silty alluvium
6	Str A	Structure	North wall of souterrain
7	N/A	Layer	Mineralised alluvium same as 004
8	N/A	Layer	Grey silty alluvium same as 005
9	Str A	Layer	Silty deposit rich in pottery
10	Str F	Structure	West facing wall in burn section
11	Str F	Layer	Deposit of dark brown silt butting 010
12	TP2	Layer	Topsoil same as 001
13	TP2	Layer	Subsoil same as 002
14	TP3	Layer	Stony layer sealed by 002
15	TP3	Layer	Topsoil same as 001
16	TP3	Layer	Subsoil same as 002
17	TP3	Layer	Silty Clay same as 004
18	N/A	Layer	Grey clayey silt sealed by 005
19	Str A	Layer	Rubble core between 026 and 038
20	TP4	Layer	Topsoil/Turf layer
21	TP4	Layer	Subsoil of orangey brown silty clay
22	TP4	Layer	Dark greyish brown silt
23	TP4	Layer	Spread of rubble
24	Str A	Layer	Rubble infill of Souterrain
25	Str A	Structure	Surface of flagstones/drain capstones
26	Str A	Structure	Boulder wall on south side of souterrain
27	Str A	Fill	Upper fill of drain
28	Str A	Fill	Primary fill of drain
29	Str A	Structure	North side wall of drain
30	Str B	Layer	Rubble spread on north side of structure
31	Str F	Structure	East facing wall in burn section
32	Str A	Structure	South sidewall of drain
33	Str F	Structure	Large boulder forming terminus of wall 010
34	N/A	Layer	Rubble layer merging with 037
35	Str A	Layer	Rubble at rear of Str A north wall
36	N/A	Layer	Silty alluvium layer same as 008
37	Str A	Structure	West portion of north souterrain wall
38	Str B	Structure	North curving wall of Structure
39	Str B	Layer	Deposit of carbon rich material over 041
40	Str B	Structure	Possible continuation of wall 038
41	Str A	Layer	Continuation of rubble core material 019 to the west
42	Str B	Structure	Orthostat butting north face of wall 045
43	Str B	Layer	Rubble layer on south side of structure

44 Str B Layer Peaty deposit overlaying rubble 030 and 0 45 Str B Structure South wall of structure 46 Str B Structure Continuation of Structure B south wall to 47 Str A Structure Orthostat-Threshold stone at west end of passage 48 Str A Layer Dark greyish brown stony deposit butting 49 N/A Layer Orangey brown peat ash layer overlain by 50 Str B Layer Possible hearth deposits 51 Str B Structure Possible hearth setting associated with 05 52 Str C Structure Wall on north side of Orthostat 053 53 Str C Structure East-west orthostat- "ripple stone" 54 Str C Structure Boulder earthwork forming east side of st 55 Str B Structure Pier of stonework forming south side of end 56 N/A Layer Stony deposit in eroding burn section ove 049 57 N/A Layer Deposit of grey silt within eroding burn section ove 049 58 Str A Cut Cut for revetment wall 006 59 Str A Fill Fill of cut 058 forming core of revetment of 050 N/A Structure Capstone of cist 072 60 N/A Structure Rubble butting outer east wall of structure	143
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59 Str A Fill Fill of cut 058 forming core of revetment of the control of the core of the	ction
60 N/A Structure Capstone of cist 072	
	wall 006
61 Str B Layer Rubble butting outer east wall of structure	
	е
62 Str C Layer Rubble butting orthostatic setting 053 and	1 079
63 Str B Layer Peat ash layer in southwest quadrant of st	tructure
64 Str B Layer Compact deposit of degraded stone overla 063	aying
65 Str A Layer Rubble collapse overlain by 024	
66 Str B Structure Alignment of stone SE of [046]	
67 Str A Structure Paving below (048)	
68 Str A Layer Deposit in E. END Str. A below (065)	
69 Str A Layer Stony layer in east chamber Str. A	
70 Str B Structure Continuation of [037] to west - coursed	
71 N/A Layer Silty fill of cist 072	
72 N/A Structure "cist" box (group#)	
73 N/A Structure N. side slab of cist	
74 N/A Structure Main S. side slab of cist	
75 N/A Layer Ashy silty clay (Layer deposit associated w	rith cist)
76 N/A Structure Small S. side slab of cist	•
77 N/A Structure Large, coursed masonry below S. side of c	ist
78 Str C Structure Wall forming outside Str. C	
79 Str C Structure Upright - East Facing Str. C	
80 N/A Cut Possible cut for cist	
81 N/A Fill Fill of cut [080] same as [072]	
82 Str F Structure Flagstone surface below [056]	
83 N/A Layer Grey clayey silt	
84 N/A Structure West end slab of Cist 072	
85 N/A Structure East end slab of Cist 072	
86 Str A Structure Continuation of [006] to east	
87 Str A Structure Curving wall - N. side of W. cell	
88 Str A Structure Straight wall S. side of W. cell	
89 Str A Structure Rubble infill of W. cell	
90 Str B Layer Secondary occupation layer (030)+(044)	
91 Str B Layer Possible area of burning below (063)	
92 Str B Structure Pier of stonework at SW. corner	
93 N/A Layer Peaty deposit below (50)	

94	N/A	Structure	Flagstone / boulder surface
95	Str B	Layer	Hearth deposit below (050)
96	Str D	Layer	Stoney deposit below (039)
97	Str D	Layer	Rubble deposit same as 119
98	Str B	Layer	Rubble in entrance Str. B
99	Str B	Layer	Surface similar to (090) in Str. B
100	Str B	Structure	Threshold stone E. entrance
101	Str B	Structure	Possible upright stone settings
102	Str B	Layer	Deposit below (091) - Midden
103	Str D	Layer	Stoney deposit: lots of burnt stone below (057)
104	Str A	Layer	Ash rich dump below (089) West cell
105	N/A	Layer	Stony deposit, same as 009
106	N/A	Layer	Ashy deposit below (105)
107	Str A	Layer	Rubble layer below (030)+(090)
108	Str B	Structure	Possible curvilinear feature west of Str. B
109	Str C	Layer	Brown silt below (007) in Str. C. same as (005)
110	Str C	Layer	Dark grey-brown layer below (109)
111	Str C	Layer	Stoney layer on southern side
112	Str D	Layer	Ash rich deposit in entrance passage
113	Str A	Layer	Rubble spreading from north end of [086]
114	Str D	Layer	Compact deposit with degraded stone
115	Str B	Layer	Carbon rich deposit below (050)
116	Str A	Structure	Short section of stonework in west cell
117	Str D	Structure	Blocking at west end of entrance passage
118	N/A	Structure	Possible arrangement of boulders associated with Str A
119	Str E	Layer	Linear spread of rubble in southwest corner of site
120	Str E	Layer	Ashy lens within 119
121	Str F	Finds deposit	Spread of pottery against wall 010
122	Str F	Layer	Ashy rich deposit
123	Str F	Layer	Mid brown silt deposit. Same as 011
124	Str E	Structure	Curving arrangement of associated with 119
125	Str F	Layer	Orange brown silt
126	Str F	Layer	Wall core material between 010 and 031
127	N/A	Structure	Alignment of stone in NW extension
128	N/A	Layer	Carbon rich deposit butting 127
129	N/A	Layer	Rubble within brown silty matrix in NW extension
130	Str B	Layer	Rubble layer in horseshoe arrangement
131	Str B	Layer	Ash rich deposit in hearth area
132	Str B	Layer	In situ burning associated with hearth
133	N/A	Layer	Concentrated area of ash rich deposit in NW ext.
134	N/A	Layer	Consolidated stony deposit same as 039
135	Str F	Structure	Semi-circular arrangement of stone containing 121
136	Str F	Layer	Stony layer associated with 135
137	Str F	Layer	Grey sticky deposit below 136
138	Str A	Full	Fill of cut 058, same as 059
139	Str B	Cut	Post setting within rubble 130
140	Str A	Structure	Surface of flagstones in west cell
141	N/A	Layer	Deposit of dark greyish brown silt overlain by 134
142	Str E	Layer	Carbon rich lens of deposit within 119

144	N/A	Structure	Arrangement of edge set stone in SW extension
145	N/A	Structure	Arrangement of stone associated with 144
146	N/A	Layer	Carbon rich deposit overlain by 141
147	N/A	Layer	Dark greyish brown clay below 146
148	Str E	Structure	Possible revetment wall associated with 149
149	Str E	Structure	Southeast facing coursed revetment wall
150	Str E	Structure	East- west alignment of stone in curving to south
151	Str E	Layer	Rubble deposit butting 150 and 149
152	Str B	Fill	Fill of post setting 139
153	N/A	Structure	NE-SW alignment of stone possibly associated
			with 088
154	Str F	Layer	Dark greyish brown clay silt overlain by 123
155	Str B	Layer	Lens of peat ash deposit overlaying 107
156	N/A	Layer	Silt with pale clay inclusion in burn section west extension
157	N/A	Layer	Rubble in west extension to burn section butted by 156
158	N/A	Layer	Stony deposit in eroding burn section overlain by 129
159	Str B	Structure	Possible pier of stonework butting north wall
160	Str A	Layer	Patch of deposit at back of Str A cut associated with 082
161	Str A	Fill	Lower fill of cut 058 overlain by 059
162	Str B	Layer	Layer of peaty deposit over 103 overlain by 097
163	Str F	Structure	Surface at same level as 082 butting 031
164	Str F	Layer	Patch of carbon rich deposit overlain by 123
165	Str D	Layer	Rubble layer merges with 008
166	N/A	Layer	Ashy lens in eroding burn section below 156
167	Str F	Finds deposit	Pottery spread equal to 123
168	Str B	Layer	Len of ashy deposit overlain by 090
169	Str A	Cut	Truncation of surface 163 - possibly the same as 058
170	N/A	Layer	Rubble layer in eroding section overlain by 156
171	N/A	Layer	Pale clay with rounded pebble inclusions overlain by 157
172	N/A	Structure	Flagstone surface in eroding burn section overlain by 129
173	N/A	Structure	Possible wall in eroding burn section butted by 158
174	Str B	Layer	Stony deposit in SE cell overlain by 090
175	Str B	Layer	Peaty layer overlain by 090 overlaying 174
176	Str B	Layer	Rubble layer with abundant burnt stone overlain by 090
177	Str D	Structure	Linear arrangement of stone in centre of Str D
178	Str A	Layer	Deposit overlaying surface 025
179	Str F	Layer	Clay deposit butting wall 010 above 083
180	Str D	Layer	Deposit of carbonised material associated with SF 169
181	Str D	Structure	southeast wall of Structure
182	Str D	Structure	North wall of structure same as 045
183	Str D	Layer	Dark grey silt clay in sondage D1
184	Str E	Layer	Alluvium under rubble 151
185	Str D	Surface	Possible flagstone surface in D1
	Str D	Structure	Alignment of boulders in D1

187	Str E	Structure	Arrangement of stone in SW Ext. (out of 149)
188	Str B	Structure	Short section of blocking wall butting 038
189	Str B	Structure	West wall of Structure B continuation of 038 butting pier of stonework 092
190	Str B	Layer	Possible yellow clay ad in hearth
191	Str D	Structure	Possible linear arrangement of boulders in southern arc of Structure D.
192	SW Exten.	Structure	Structural feature below 119
			Sub circular arrangement of edge stones in
193	Str B	Structure	interior of Structure B
194	Str B	Layer	Hearth type deposit within 193 and 190
195	Burn section	Layer	Mid brownish grey deposit overlaying 034
196	Str D	Layer	Well organised rubble in SW quadrant of Structure D.
197	Str D	Structure	Possible curvilinear arrangement fronting 198 in S half of Str. D
198	Str D	Structure	Possible curb alignment in S half of Structure D
199	Str D	Layer	Residual deposit of occupation type material
200	Str D	Structure	Hearth stone
201	SW Exten.	Layer	Lower portion of alluvial deposit same
		Layer	composition of 004 overlain by 150 and 184
202	NW Exten.	Layer	Midden type material butting 129
203	NW Exten.	Layer	Charcoal concentration within 128
204	SW Exten.	Layer	Dark stoney layer to W of 192 below 004
205	Str C	Layer	Lower deposit of rubble in Str. C overlain by 062
206	NW Exten.	Structure	Possible post setting in NW extension next to wall 127
207	Burn section	Structure	Possible slumped wall of rubble
208	Burn section	Layer	Large flagstones in bank of burn. Possible slumped rubble relating to slumped surface
209	NW Exten.	Layer	Well consolidated rubble potentially associated with core of wall 045
210	Str C	Layer	Layer of quite well organised and consistent flat tabular rubble below 205 forming possible rough surface inside Str c
211	Str A	Cut	Possible cut for wall in Str A west cell → into deposit 129 – filled of 212
212	Str A	Fill	Fill at back of cut 211 within deposit 129 for Str A West cell wall
213	Str E/G	Structure	East end/extension of wall 149 of Str E where large structural boulders are mainly situated over alluvium 004.
214	Str E/G	Structure	Large, rounded boulder situated at terminus of wall 213
215	Str C	Structure	Ortho on E-W alignment – continuation of inner faces of Str C in line with 053.
216	Str C	Layer	Layer of loose small angular rubble in Str C. below 2010
217	Str C	Layer	Schillet layer in NW corner of Str C butting 215
218	Str C	Structure/layer	Linear arrangement of stone on W side of Str C butting 215
219	Str C	Deposit	Patch of yellowish grey deposit in SW corner of Str C
220	Str D?	Deposit	Mottled carbon rich deposit overlain by 184 below 149 wall of Str E
221	Str D	Structure	Sinuous NW-SE orientated wall seemingly curving into Str D. and then curving back to the NW

222	Str D	Structure	"Ash box" at N side of hearth 200. – 237, 238, 235
223	Str B	Layer	Discrete design of carbon rich material within rubble matrix of 130 situated on South west side of hearth setting 193
224	Str D	Deposit	Deposit of carbon rich material under 103 may be same as 180
225	Str B	Layer	Schillet layer in cell to North of entrance in Str B over 232
226	Str B	Structure	Blockey revetment material in North entrance cell facing east
227	Str B	Structure	Coursed masonry forming back of Structure B entrance cell
228	Str G	Structure	Curving arrangement of stonework on E-W alignment within cellular Structure G
229	Str D	Deposit	Deposit between curb 198 and hearth flags 200
230	Str B	Layer	Ashy red hearth deposit/lens between 090 surface and 231 hearth slabs
231	Str B	Layer	Layer of flagstones forming hearth layer overlain by 230
232	Str B	Layer	Larger brown rubble forming lower layer in entrance to Str B. overlain by schillet 225
233	Str C	Deposit	Peat deposits to south of Str C boulder alignment 054. Possibly same as 093.
234	SW Exten.	Deposit	Ash rich deposit under 220 – possibly same as 220. Sampled again for ash rich material.
235	Str D	Deposit	Deposit within Ash box 222
236	SW Exten.	Deposit	Deposit of burnt stone and mixed material similar to 064 + 103
237	Str D	Cut	Cut or stone box 222, hearth Str. D.
238	Str D	Structure	Side stone of stone box 222, hearth, Str D
239	Str D	Structure	Possible post setting/stone box to SE end of hearth, Str.D 243
240	Str D	Cut	Cut for 239
241	Str D	Structure	Side stones of 239
242	Str D	Fill	Fill of 239
243	Str D	Structure	Overall feature 10 for hearth. Str D 197, 198, 200, 229, 244
244	Str D	Structure	Possible inner curb of hearth 243
245	Str B	Structure	Flagstone surface in entrance + North entrance cell to Str B
246	Str D	Deposit	Lower portion of rubble deposit 164 directly overlaying 247 flagstones.
247	Str D	Structure	Flagstone surface possibly in phase with hearth 200 overlain by deposit 246
248	Str D	Structure	Revetment type wall in front (east side) of wall 221
249	South Sondage	Sondage	Carbon rock? Burnt stone layer south of Str D. Possible burnt mound type material
250	SW Exten.	Layer	Patch of carbon rich material/midden to NW of Str G
251	Str G	Structure	Possible rough surface overlaying 204 in West side of Str G
252	Str G	Structure	Large upright set boulder in West side of Str G with signs of rubbing on upper surface – pinned at base over 251

253	S Sondage	Layer	Stony layer with medium sized rubble overlaying 249
254	S. Sondage	Layer	Stony layer with probable large quantities of burnt stone material → possible burnt mound material
255	Str D, S Sondage	Layer	Disorganised layer of small angular rubble at the rear of Str D wall – possible fill of construction cut for Str D?
256	Str D	Cut	Probable cut for Str D construction on South side truncating deposit 254. Filled by 255.
257	Str D	Structure	Possible stone setting NE of hearth 243
258	Str B		In-situ burning associated with hearth 193, across whole hearth $\downarrow$ 230 + 231
259	Str B	Structure	Prosecting pier or stonework forming North end of entrance into Str B. Butts 227
260	Str B	Structure	Very rough flagstone surface n the cell formed by walls 259 + 227
261	Str D	Deposit	Secondary deposit below 235 in "ash box" beside hearth 243
262	Str B	Structure	Prosecting pier of stonework on east side of Str B east wall, butted by rubble core 263
263	Str B	Layer	Rubble core of wall 046, also butting pier 262
264	Str B	Structure	Stonework on South side of Str B East entrance passage. Overlaying paving 245
265	Str B	Deposit	Herath deposits – in NW quadrant. Yellow clay with traces of ISBD under 231 & deposit 258
266	Str B	Deposit	Hearth deposits – mixed lenses of material in carbonised deposits + mottled clay/ash in SE quadrant.
267	Str D	Deposit	Silty stony layer with traces of possible occupation type deposit butting South wall
268	Str D	Deposit	Layer of occupation type material in central area of Str D
269	Str B	Deposit	Deposit of intense red material within hearth deposit sequenced under 266/265
270	Str B	Deposit	Uneven dark grey brown layer – orange mineralised interface with rubble
271	Str D	Deposit	Deposit contained within 257 stone setting
272	Str B	Deposit	Burn bone rich deposit in corner of Str B, NE Quadrant
273	Str D	Cut	Cut of pit for feature 251?
274	Str D	Fill	Lower fill of 273
275	Str D	Structure	Orthostatic setting within 281
276	Str D	Structure	Packing stones in 281
277	Str D	Structure	Packing stones around orthostats in 282
278	Str B	Deposit	Possible surface within East cell of Str B
279	Str G	Deposit	Greyish brown deposits within Southern division of Str G
280	S tr D	Structure	Probable padding stone at base of post hole 282
281	Str D	Cut	Cut of posthole/stone setting
282	Str D	Cut	Cut of posthole/stone setting
283	Str D	Cut	Possible post hole
284	Str D	Structure	Packing stones for 283
285	Str D	Structure	Packing stones for 281
286	West Exten.	Deposit	Compact stony yellow layer under 064 West of Str B dividing wall

287	Str D	Surface	Flagstone surface under 117
288	Str D	Structure	Rubble fill of 282
289	Str B	Surface	Flagstone surface under 272
290	Str B	Structure	Possible drain or flue in West arc of Structure
291	Str D	Structure	Large edge set stones in entrance of Str D
292	Str D	deposit	Deposit-fill of 284 or 283
293	West exten.	Deposit	Possible hearth or area of burning, west of Str B – in west trench edge
294	Str B	Deposit	Ashy damps on edge of Str B hearth
295	Str D	Deposit	Compacted degraded stone surface to North of hearth
296	Str B	Deposit	Intense red area of ash dump/surface against North wall of Str B
297	Str D	Fill	Void/fill of 281
298	Str D	Structure	Orthostats below 297
299	Str D	Layer	Ashy layer in front of hearth
300	Str D	Layer	Deposit below stone setting 281
301	Str D	layer	Occupation deposit NW of hearth in Str D
302	Str D	Structure	Paving at South end of Str D
303	Str C	Structure	Paving within Str C
304	Str G	Layer	Carbonised deposit in sondage against wall 149
305	Str G	Structure	Possible line of walling below 149
306	Str B	Deposit	Pottery spread SF 562 + carbonised material against South wall
307	Str D	Deposit	Red brown carbonised deposit in 267
308	Str D	Deposit	Dense charcoal rich area in 267
309	Burn section	Structure	Upright stone in rectangular setting at West end of Str A passage
310	Burn section	Deposit	Deposit of rounded cobbles
311	Str B	Deposit	Ashy red deposit in SE corner of Structure
312	Str B	Structure	Possible flue/drain feature
313	Burn section	Deposit	Loose brown deposit under rubble 129
314	Str D	Structure	Line of stones below blocking between Str D and G
315	Str D	Deposit	Dark deposit below hearth flagstone 200
316	Str C	Layer	Deposit overlaying Southwest end of paving 303 in Str C
317	Str B	Structure	Slabs in SE part of Str B
318	Str C	Layer	Deposit overlaying paving in C, orangey brown
319	Str D	Structure	Short stretch of blocking in SW corner of Str D
320	Str D	Layer	Rubble infill within small cell defined by 319
321	West Exten.	Layer	Dark humic layer below Str. G. Possible land surface.
322	West Exten.	Layer	Random rubble and schillet under 231 + 204
323	West exten.	Structure	Boulder wall under 321
324	West exten.	Surface	Possible surface below 322
325	West exten.	Deposit	Mixed possible midden deposit overlaying 321
326	Str D	Deposit	Patch of charcoal and mineral rich material
327	Burn section	Layer	Black carbon rich layer overlain by 313
328	West exten.	Layer	Rubble layer
329	Str D	Layer	Occupation typer deposit containing carbonised material
330	South Sondage	Deposit	Consolidated layer of rubble below 249

377			
277	Str D	Layer	Layer of charcoal rich deposit under rubble
376	-	-	-
375	Burn section	Layer	Pale/white clay within 355
374	S. Sondage/ Str C	Layer	Rubble – possible core material behind 373
373	South Sondage	Structure	Coursed stonework observed in sondage section butted by rubble 254
372	Str D	Layer	Ash rich deposit SW of hearth
371	Str D	Deposit	Hearth deposit
370	Str B	Finds deposit	Finds deposit of pottery in grids 60/61
369	Str B	Finds deposit	Finds deposit of pottery
368	Str B	Fill	Upper fill of feature
367	Str D	Cut	Possible cut of North end of hearth
366	Str D	Fill	Fill of 365
365	Str D	Cut	Possible linear cut at NE end of hearth
364	Str B	Feature	Orthostatic setting NW side
363	Str D	Cut	Possible cut on NE end of hearth
362	Str B	Layer	Compacted stoney deposit below 258 at entrance to Eastern cell
361	Str D	Structure	Outer wall of Str D
360	Str C	Structure	Orthostat in West entrance of Str C
359	Str C	Structure	Orthostat in West entrance of Str C
358	West Exten.	Layer Hearth	Fire crazed stones of possible hearth
357	West Exten.	•	Yellow brown hearth-like material
356	West Exten.	Layer	Orangey brown hearth material
355	Str B Annex	Layer	Brown sticky layer below 172
354	Str B Annex	Layer	Natural yellow clay under 353
353	Str B Annex	Layer	Rounded cobbles above yellow clay 354
352	Str D	Layer	Linear arrangement of stone
351	Str C	Paving	Paving layer below 348
350	Str D	Layer	Rubble layer East of Str C
349	Str D	Deposit	Black charcoal rich deposit
348	Str C	Structure	Linear arrangement of stone at South end of cell
347	Str D	Deposit	Redish brown deposit rich in charcoal and clay
346	Str B	Layer	Orangey brown charcoal rich layer to NW of
345	Str D	Structure	Stonework forming East side of Str D
344	Str D	Layer	Hearth deposit below 200
343	Str D	Structure	Slab over possible "Ash box" of hearth
342	Str C	Deposit	Layer of carbonised material overlaying 062
341	Str D	Deposit	Rubble layer
340	Str D	Deposit	Deposit rich in burnt bone and charcoal
339	West exten.	Deposit	Ashy deposit
338	Str B	Layer	Rubble layer on East side of hearth
337	Str D	Layer	Rubble layer below 329
336	Str D	Deposit	Clay deposit with inc. of burnt bone
335	Str D	Deposit	Charcoal rich deposit
334	Str B	Feature	Stone setting at south end of
333	Str B	Layer	Carbon rich layer on SE side of hearth
332	-	-	-
	sondage		

379	West Exten.	Deposit	Ashy mottled layer overlaying 325
380	Str D	Structure	Stony layer within hearth
381	Str D	Structure	Possible kerb within hearth
382	Str D	Structure	Capping stones of possible fill of drain
383	Str D	Deposit	Orangey brown ash deposit against Str wall
384	Str B	Layer	Yellowish orange ash under 296
385	Str C	Layer	Organised rubble layer within aperture into Str C
386	S. Sondage/ Str C	Layer	Yellowish brown stony layer below peat and rubble South of Str C
387	West Exten.	Layer	Rubble layer under 325
388	Str D	Structure	Kerb within hearth
389	Str F/Burn Section	Structure	Linear paved surface running east-west, south of wall 010

## **Appendix 2: Drawing Register**

Drawing	Туре	Site	Description	Scale
No.		Subdivision		
1	Plan	N/A	General site plan	01:20
2	Section	Str A	Southwest facing section Str A	01:10
3	Plan	N/A	Plan of cist lid 060 and cut 058	01:20
4	Plan	Str B	Hearth 050 + 051	01:20
5	Sect	Str A	Section of deposit 049 + cut 058	01:10
6	Plan	N/A	Cist 072 post excavation	01:20
7	Plan	N/A	Plan of deposit (063)	01:20
8	Plan	N/A	Plan of deposit (091)	01:20
9	Plan	Str B	Overlay plan of (080)	01:20
10	Section	Str B	Section (E-W) Hearth	01:10
11	Section	Str B	Section (N-S) Hearth	01:10
12	Plan	N/A	Plan of (102)	01:20
13	Plan	Str A	Plan of (088) / (087) / Rubble (089)	01:20
14	Section	N/A	Section of cist	01:10
15	Section	Str A	Section of W. cell	01:10
16	Plan	Str D	Plan of passage between Str. A and Str. B	01:20
17	Plan	N/A	Plan of Deposit (112)	01:20
18	Plan	Str B	Plan of deposit 090 and rubble 130	01:20
19	Plan	Str A	Plan of cut 058 for wall 006	01:20
20	Plan	Str A	Plan of context 128	01:20
21	Plan	SW Ext.	Plan of 119 and 120	01:20
22	Plan	Str B	Plan of Str B pre-excavation	01:20
23	Plan	Str F	Possible cremation fill	01:20
24	Plan	N/A	Plan of 049 and 056	01:20
25	Plan	N/A	Plan of 058, 049, 138	01:20
26	Plan	Str A	Plan of 006, 058	01:20
27	Plan	Str B	Plan of post setting	01:20
28	Plan	Str B	Ashy deposits 131 and 132	01:20
29	Section	Str A	Section of cut 058	01:20
30	Plan	N/A	Overlay of plan 026	01:20
31	Section	Str B	Section of post setting	01:10
32	Plan	N/W ext.	Context141	01:20
33	Plan	Str E	Structure 150	01:20

34	Plan	Str F	Overlay of plan 026 + SF 208 worked stone	01:20
35	Plan	Str F	Wall 031 and surface 082	01:20
36	Section	Str A	Section through 006 and cut 169 with 163	01:10
37	Section	Str A	North wall of drain + wall 006	01:10
38	Section	N/A	Deposits 049 and 056	01:10
39	Plan	Str F	Flagstone surface in burn section	01:20
40	Plan	Str F	Deposit 137 and rubble 136	01:20
41	Plan	Str F	Overlay of drawing 35	01:20
42	Plan	West extension	Rubble layer 129	01:20
43	Section	West extension	west burn section	01:10
44	Plan	Str D	Rubble layer 103	01:20
45	Plan	Str E	Str E wall and rubble	01:20
46	Plan	Str D	SE arc of Structure D	01:20
47	Plan	Str B	Hearth 190 etc	01:20
48	Plan	Burn section	Mottled 195 with rubble and wall xxx	01:20
49	Plan	Burn section	Plan pf possible post setting 206	01:20
50	Plan	Tr. 1	Plan of rubble 064	01:20
51	Plan	Str C	Pre ex. Plan pf surface 210	01:20
52	Plan	Str E	Plan of Str E	01:20
53	Plan	-	-	01:20
54	Plan	Str B	Plan of entrance cell o N side of entrance of Structure B	01:20
55	Elevation	Str E	South facing elevation of wall 149	01:10
56	Plan	Str B	Overlay of 47	01:20
57	Plan	Str D	Pre ex. Of 199	-
58	Plan	Burn section	Mid ex. Of 129	01:20
59	Plan	Str E	Pre ex plan 220	01:20
60	Plan	Str D	Pre ex plan of hearth Str D	01:20
61	Plam	Str D	East entrance rubble	01:20
62	Section	Str B	Section of entrance cell Str B	01:10
63	Section	Str B	Section of entrance cell Str B	01:10
64	Plan	Str G	Plan of Str G	01:20
65	Plan	Str B	Plan of hearth/firepit	01:20
66	Plan	Str D	Stone setting 257	01:20
67	Plan	Burn section	Paving under 129	01:20
68	Section	Str D	Possible stone setting 275	01:10
69	Section	Str D	Probable post hole/stone setting 280	01:10
70	Section	Str D	Probable post hole/stone setting 284	01:10
71	Plan	Str D	Floor deposits Northwest of hearth structure	01:20
72	Plan	Str D	S curve of structure D including deposits	01:20
73	Plan	Str B	North half of Structure B	01:20
74	Plan	Burn section	Plan of paved area	01:20
75	Plan	Str G/D	Plan pf xxx wall	01:20
76	Plan	Str B	Plan of Str B South half	01:20
77	Plan	Burn section	327 post 313	01:20
78	Section	Burn section	Cist area	01:10
79	Plan	West exten.	Plan of possible wall	01:10
80	Section	Str D	Plan of bulk between D + B	01:10
81	Plan	Str B annex	Plan of possible hearth in NW of Str B annex	01:10

82	Plan	Str C	Paving 303 and associated contexts	01:20
83	Section	Str B annex	Section of 088 sondage	01:10
84	Plan	Burn section	Plan of 172 paving	01:20
85	Plan	Str B	Pre ex plan of 296	01:20
86	Plan	Str D	Pre ex plan of 372	01:20
87	Section	Str D	Section between paving level	01:10
88	Section	Str D	SE facing section of hearth	01:10
89	Plan	Str D	382. North facing paving	-
90	Plan	Str B	Pre ex plan of 384	01:20
91	Section	Str D	South facing section of 372	01:10
92	Section	Str D	SE facing section of 282	01:10
93	Plan	Str D	Pre ex plan of 381 and 380	01:20

## **Appendix 3:Samples Register**

Sample No.	Туре	Context
1	Bulk Sample (GBA)	004
2	Bulk Sample (GBA)	005
3	Bulk Sample (GBA)	009
4	Bulk Sample (GBA)	018
5	Bulk Sample (GBA)	024
6	Bulk Sample (GBA)	011
7	Bulk Sample (GBA)	027
8	Bulk Sample (GBA)	028
9	Bulk Sample (GBA)	004
10	Bulk Sample (GBA)	004
11	Bulk Sample (GBA)	024
12	Bulk Sample (GBA)	024
13	Bulk Sample (GBA)	027
14	Bulk Sample (GBA)	039
15	Bulk Sample (GBA)	044
16	Bulk Sample (GBA)	049
17	Bulk Sample (GBA)	048
18	Bulk Sample (GBA)	059
19	Bulk Sample (GBA)	049
20	Bulk Sample (GBA)	024
21	Bulk Sample (GBA)	050
22	Bulk Sample (GBA)	065
23	Bulk Sample (GBA)	068
24	Bulk Sample (GBA)	069
25	Bulk Sample (GBA)	071
26	Bulk Sample (GBA)	075
27	Bulk Sample (GBA)	075
28	Bulk Sample (GBA)	071
29	Bulk Sample (GBA)	063
30	Bulk Sample (GBA)	050
31	Bulk Sample (GBA)	050
32	Bulk Sample (GBA)	095

33	Bulk Sample (GBA)	050
34		050
	Bulk Sample (GBA)	
35	Not assigned	-
36	Not assigned	-
37	Not assigned	-
38	Not assigned	-
39	Not assigned	-
40	Not assigned	-
41	Bulk Sample (GBA)	039
42	Bulk Sample (GBA)	039
43	Bulk Sample (GBA)	039
44	Bulk Sample (GBA)	039
45	Bulk Sample (GBA)	039
46	Bulk Sample (GBA)	039
47	Bulk Sample (GBA)	039
48	Bulk Sample (GBA)	039
49	Bulk Sample (GBA)	039
50	Bulk Sample (GBA)	039
51	Bulk Sample (GBA)	039
52	Bulk Sample (GBA)	039
53	Bulk Sample (GBA)	039
54	Bulk Sample (GBA)	039
55	Bulk Sample (GBA)	039
56	Bulk Sample (GBA)	039
57	Bulk Sample (GBA)	039
58	Bulk Sample (GBA)	039
59	Bulk Sample (GBA)	039
60	Bulk Sample (GBA)	039
61	Bulk Sample (GBA)	039
62	Bulk Sample (GBA)	039
63	Bulk Sample (GBA)	039
64	Bulk Sample (GBA)	039
65	Bulk Sample (GBA)	039
66	Bulk Sample (GBA)	039
67	Bulk Sample (GBA)	039
68	Bulk Sample (GBA)	039
69	Bulk Sample (GBA)	039
70	Bulk Sample (GBA)	091
71	Bulk Sample (GBA)	081
72	Bulk Sample (GBA)	044
73	Bulk Sample (GBA)	011
74	Bulk Sample (GBA)	102
75	Bulk Sample (GBA)	025
76	Bulk Sample (GBA)	081
77	Bulk Sample (GBA)	089
78	Bulk Sample (GBA)	107
, 0	Daik Julipic (GDA)	107

70	Dull County (CDA)	000
79	Bulk Sample (GBA)	039
80	Bulk Sample (GBA)	039
81	Bulk Sample (GBA)	094
82	Bulk Sample (GBA)	089
83	Bulk Sample (GBA)	094
84	Bulk Sample (GBA)	110
85	Bulk Sample (GBA)	112
86	Bulk Sample (GBA)	059
87	Bulk Sample (GBA)	059
88	Bulk Sample (GBA)	034
89	Bulk Sample (GBA)	059
90	Bulk Sample (GBA)	059
91	Bulk Sample (GBA)	059
92	Bulk Sample (GBA)	034
93	Bulk Sample (GBA)	059
94	Bulk Sample (GBA)	121
95	Bulk Sample (GBA)	122
96	Bulk Sample (GBA)	009
97	Bulk Sample (GBA)	044
98	Bulk Sample (GBA)	095
99	Bulk Sample (GBA)	128
100	Bulk Sample (GBA)	120
101	Bulk Sample (GBA)	120
102	Bulk Sample (GBA)	133
103	Bulk Sample (GBA)	049
104	Bulk Sample (GBA)	136
105	Bulk Sample (GBA)	138
106	Bulk Sample (GBA)	122
107	Bulk Sample (GBA)	141
108	Bulk Sample (GBA)	142
109	Bulk Sample (GBA)	144
110	Bulk Sample (GBA)	147
111	Bulk Sample (GBA)	133
112	Bulk Sample (GBA)	131
113	Bulk Sample (GBA)	152
114	Bulk Sample (GBA)	130
115	Bulk Sample (GBA)	130
116	Bulk Sample (GBA)	141
117	Bulk Sample (GBA)	107
118	Bulk Sample (GBA)	160
119	Bulk Sample (GBA)	107
120	Bulk Sample (GBA)	123
121	Bulk Sample (GBA)	137
122	Bulk Sample (GBA)	132
123	Bulk Sample (GBA)	090
124	Bulk Sample (GBA)	164
124	Buik Salliple (GBA)	104

125	Dulle Committee (CDA)	102
125	Bulk Sample (GBA)	103
126	Bulk Sample (GBA)	166
127	Bulk Sample (GBA)	103
128	Bulk Sample (GBA)	103
129	Bulk Sample (GBA)	056
130	Bulk Sample (GBA)	037
131	Bulk Sample (GBA)	103
132	Bulk Sample (GBA)	103
133	Bulk Sample (GBA)	027
134	Bulk Sample (GBA)	178
135	Bulk Sample (GBA)	034
136	Bulk Sample (GBA)	019
137	Bulk Sample (GBA)	123
138	Bulk Sample (GBA)	171
139	Bulk Sample (GBA)	158
140	Bulk Sample (GBA)	179
141	Bulk Sample (GBA)	083
142	Bulk Sample (GBA)	180
143	Bulk Sample (GBA)	180
144	Bulk Sample (GBA)	096
145	Bulk Sample (GBA)	090
146	Bulk Sample (GBA)	131
147	Bulk Sample (GBA)	165
148	Bulk Sample (GBA)	090
149	Bulk Sample (GBA)	090
150	Bulk Sample (GBA)	132
151	Bulk Sample (GBA)	190
152	Bulk Sample (GBA)	184
153	Spot Sample (GBA)	203
154	Spot Sample (GBA)	184
155	Bulk Sample (GBA)	202
156	Spot Sample (GBA)	184
157	Bulk Sample (GBA)	090
158	Bulk Sample (GBA)	110
159	Bulk Sample (GBA)	184
160	Bulk Sample (GBA)	168
161	Bulk Sample (GBA)	115
162	Bulk Sample (GBA)	223
163	Bulk Sample (GBA)	199
164	Bulk Sample (GBA)	090
165	Bulk Sample (GBA)	049
166	Bulk Sample (GBA)	230
167	Bulk Sample (GBA)	220
168	Bulk Sample (GBA)	220
169	Bulk Sample (GBA)	090
170	Bulk Sample (GBA)	230
	zam sample (GB/I)	

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171	Bulk Sample (GBA)	220
172	Bulk Sample (GBA)	165
173	Bulk Sample (GBA)	240
174	Bulk Sample (GBA)	129
175	Bulk Sample (GBA)	250
176	Bulk Sample (GBA)	106
177	Bulk Sample (GBA)	232
178	Bulk Sample (GBA)	249
179	Bulk Sample (GBA)	103
180	Bulk Sample (GBA)	232
181	Bulk Sample (GBA)	158
182	Bulk Sample (GBA)	249
183	Bulk Sample (GBA)	158
184	Bulk Sample (GBA)	061
185	Bulk Sample (GBA)	204
186	Bulk Sample (GBA)	235
187	Bulk Sample (GBA)	158
188	Bulk Sample (GBA)	258
189	Bulk Sample (GBA)	258
190	Bulk Sample (GBA)	265
191	Bulk Sample (GBA)	266
192	Bulk Sample (GBA)	272
193	Bulk Sample (GBA)	180
194	Bulk Sample (GBA)	204
195	Bulk Sample (GBA)	271
196	Bulk Sample (GBA)	155
197	Bulk Sample (GBA)	295
198	Bulk Sample (GBA)	217
199	-	-
200	Bulk Sample (GBA)	311
201	Bulk Sample (GBA)	313
202	Bulk Sample (GBA)	307
203	Bulk Sample (GBA)	308
204	Bulk Sample (GBA)	268
205	Bulk Sample (GBA)	267
206	Bulk Sample (GBA)	306
207	Bulk Sample (GBA)	315
208	Bulk Sample (GBA)	313
209	Spot Sample (GBA)	313
210	Bulk Sample (GBA)	249
211	Bulk Sample (GBA)	313
212	Bulk Sample (GBA)	318
213	Bulk Sample (GBA)	313
214	Bulk Sample (GBA)	325
215	Bulk Sample (GBA)	329
216	Bulk Sample (GBA)	335
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217	Bulk Sample (GBA)	336
218	' ' '	327
	Bulk Sample (GBA)	
219	Bulk Sample (GBA)	327
220	Bulk Sample (GBA)	327
221	Bulk Sample (GBA)	354
222	Bulk Sample (GBA)	340
223	Bulk Sample (GBA)	339
224	Bulk Sample (GBA)	296
225	Geochemical	296
226	Bulk Sample (GBA)	296
227	Geochemical	296
228	Bulk Sample (GBA)	296
229	Geochemical	296
230	Bulk Sample (GBA)	296
231	Geochemical	296
232	Bulk Sample (GBA)	296
233	Geochemical	296
234	Bulk Sample (GBA)	296
235	Geochemical	296
236	Bulk Sample (GBA)	296
237	Geochemical	296
238	Bulk Sample (GBA)	346
239	Geochemical	346
240	Bulk Sample (GBA)	346
241	Geochemical	346
242	Bulk Sample (GBA)	346
243	Geochemical	346
244	Bulk Sample (GBA)	346
245	Geochemical	346
246	Bulk Sample (GBA)	346
247	Geochemical	346
248	Bulk Sample (GBA)	346
249	Bulk Sample (GBA)	346
250	Bulk Sample (GBA)	346
251	Bulk Sample (GBA)	368
252	Geochemical	346
253	Geochemical	346
254	Bulk Sample (GBA)	342
255	Bulk Sample (GBA)	344
256	Bulk Sample (GBA)	112
257	Bulk Sample (GBA)	301
258	Bulk Sample (GBA)	348
259	Bulk Sample (GBA)	351
260	Bulk Sample (GBA)	288
261	Bulk Sample (GBA)	258
262	Bulk Sample (GBA)	258
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262	D II C   (CDA)	1 250
263	Bulk Sample (GBA)	258
264	Bulk Sample (GBA)	258
265	Bulk Sample (GBA)	258
266	Bulk Sample (GBA)	258
267	Bulk Sample (GBA)	054
268	Bulk Sample (GBA)	272
269	Bulk Sample (GBA)	356
270	Bulk Sample (GBA)	258
271	Bulk Sample (GBA)	258
272	Bulk Sample (GBA)	344
273	Bulk Sample (GBA)	258
274	Bulk Sample (GBA)	258
275	Bulk Sample (GBA)	258
276	Bulk Sample (GBA)	258
277	Bulk Sample (GBA)	299
278	Bulk Sample (GBA)	258
279	Bulk Sample (GBA)	355
280	Bulk Sample (GBA)	347
281	Bulk Sample (GBA)	357
282	Bulk Sample (GBA)	371
283	Geochemical	368
284	Geochemical	346
285	Bulk Sample (GBA)	294
286	Bulk Sample (GBA)	294
287	Geochemical	294
288	Geochemical	294
289	Bulk Sample (GBA)	325
290	Kubiena	296
291	Bulk Sample (GBA)	296
292	Geochemical	296
293	Bulk Sample (GBA)	296
294	Geochemical	296
295	Bulk Sample (GBA)	296
296	Geochemical	296
297	Bulk Sample (GBA)	384
298	Bulk Sample (GBA)	384
299	Bulk/spot Sample (GBA)	377
300	Bulk Sample (GBA)	372
301	Bulk Sample (GBA)	377
302	Bulk Sample (GBA)	379
303	Bulk Sample (GBA)	383
304	Kubiena	384
305	Bulk Sample (GBA)	366
306	Geochemical	384
307	Geochemical	384
308	Geochemical	384
300	Geochennear	307

309	Geochemical	384
310	Geochemical	384
311	Geochemical	384
312	Bulk Sample (GBA)	384
313	Bulk Sample (GBA)	384
314	Bulk Sample (GBA)	384
315	Bulk Sample (GBA)	384
316	Kubiena	344 + 371
317	Kubiena	266 + 258
318	Bulk Sample (GBA)	326

## Appendix 4: Small Finds Register

SF number	Context	Material
1	001	Clay object
2	006	Pottery
3	VOIDED	VOIDED
4	VOIDED	VOIDED
5	VOIDED	VOIDED
6	011	Pottery
7	004	Cu Alloy Object
8	VOIDED	VOIDED
9	005	Charcoal
10	014	Charcoal
11	012	Pot
12	011	Pottery
12	011	Pottery
12	011	Pottery
13	VOIDED	VOIDED
14	009	Pottery
15	009	Pottery
16	017	Charcoal
17	009	Pottery
18	009	Pottery
19	009	Pottery
20	009	Pottery
21	009	Pottery
22	009	Burnt Bone
23	009	Pottery
24	009	Pottery
25	009	Pottery
26	019	Quern
27	009	Pottery
28	009	Pottery
29	009	Pottery

30	N/A	Pottery
31	009	Pottery
32	028	Grinder stone
33	004	Pottery
34	004	Pottery
35	019	Worked stone
36	024	Granite cobble
37	004	Pottery
38	002	Flint frag
39	024	Pottery
40	030	Chert nodule
41	043	Stone
42	009	Pottery
43	034	Braclet
44	009	Pottery
45	009	Fired clay object
46	009	Pottery
47	009	Pottery
48	009	Pottery
49	009	Pottery
50	009	Cramp
51	009	Stone
52	046	Charcoal
53	009	Peat
54	019	Pottery
55	009	Pottery
56	038	Pottery
57	011	Worked stone
58	011	Pottery
59	052	Clay object, Hearth lining?
60	049	Pottery
61	044	Charcoal
62	049	Pottery
63	049	Pottery
64	N/A	N/A
65	054	Worked stone
66	056	Worked stone
67	009	Pottery
68	057	Pottery
69	057	Pottery
70	057	Pottery
71	057	Pottery
72	049	Stone
73	049	Charcoal

74	049	Charcoal
75	057	Pottery
76	009	Pottery
77	024	Pottery
78	024	Worked stone
79	009	Pottery
80	024	Pottery
81	009	Cramp
82	009	Quartz
83	009	Burnt bone
84	024	Worked stone
85	024	Pottery
86	044	Worked stone
87	075	Burnt stone
88	071	Pottery
89	071	Pottery
90	075	Burnt bone
91	070	??? Stone
92	030	Stone
93	095	Stone
94	093	Quartz
95	091	Cramp
96	097	Bone
97	039	Stone
98	095	Pottery
99	024	Stone
100	044	Pottery
101	095	Pottery
102	095	Pottery
103	095	Pottery
104	009	Pottery
105	009	Clay object
106	105	Pottery
107	009	Pottery
108	009	Pottery
109	009	Pottery
110	009	Pottery
111	030	Pottery
112	061	Stone
113	009	Pottery
114	007	Glass
115	002	Flint
116	142	Charcoal
117	143	Stone tool

118.2	121	Pottery
118.5	121	Pottery
118.6	121	Pottery
118.8	121	Pottery
118.9	121	Pottery
118.10	121	Pottery
118.11	121	Pottery
118.13	121	Pottery
118.14	121	Pottery
118.15	121	Pottery
118.16	121	Pottery
118.17	121	Pottery
118.18	121	Pottery
118.19	121	Pottery
118.20	121	Pottery
118.21	121	Pottery
118.22	121	Pottery
118.23	121	Pottery
118.24	121	Pottery
118.25	121	Pottery
118.26	121	Pottery
118.27	121	Pottery
118.28	121	Pottery
118.29	121	Pottery
118.30	121	Pottery
118	121	Pottery
119	119	Quern
120	009	Pottery
121	009	Pottery
122	002	Pottery
123	002	Pottery/clay object
124	009	Cramp
125	009	Cramp
126	009	Pottery
127	002	Pottery
128	009	Pottery
129	009	Burnt bone
130	009	Foreign stone
131	034	Pottery
132	034	Worked stone
133	121	Pottery
134	156	tbc Pottery
134	122	Pottery
	006	Worked stone

136	034	Pottery
137	034	Pottery
138	035	Worked stone
139	034	Worked stone
140	034	Pottery
141	034	Pottery
142	034	Worked stone
143	034	Pottery
144	137	Pottery
145	030	Hammer stone
146	123	Pottery
147	N/A	N/A
148	034	Pottery
149	034	Quartz
150	034	Pottery
151	034	Pottery
152	034	Pottery
153	034	Quartz
154	034	Burnt bone
155	034	Pottery
156	034	Pottery
157	034	Pottery
158	034	Pottery
159	059	Pottery
160	034	Pottery
161	119	Quern
162	119	Worked stone
163	119	Worked stone
164	129	Pottery
165	129	Pottery
166	129	Pottery
167	129	Burnt bone
168	122	Pottery
169	103	Quern
170	009	Pottery
171	044	Hammer stone
172	009	Pottery
173	009	Pottery
174	009	Pottery
175	122	Pottery
176	122	Pottery
177	122	Charcoal
178	081	Foreign stone
179	122	Charcoal

181       122       Charcoal         182       122       Charcoal         183       122       Pottery         184       122       Pottery         185       122       Burnt bone         186       N/A       N/A         187       004       Worked stone         188       004       Flint	
183       122       Pottery         184       122       Pottery         185       122       Burnt bone         186       N/A       N/A         187       004       Worked stone	
184         122         Pottery           185         122         Burnt bone           186         N/A         N/A           187         004         Worked stone	
185         122         Burnt bone           186         N/A         N/A           187         004         Worked stone	
186         N/A         N/A           187         004         Worked stone	
187 004 Worked stone	
188 004 Flint	
189 N/A N/A	
190 138 Charcoal	
191 130 Charcoal	
192 049 Pottery	
193 004 Glass	
194 004 Worked stone	
195 130 Charcoal	
196 137 Pottery	
197 059 Pottery	
198 107 Worked stone	
199 034 Pottery	
200 030 Worked stone	
201 130 Charcoal	
202 130 Charcoal	
203 034 Pottery	
204 034 Pottery	
205 002 Tooth	
206 137 Pottery	
207 137 Pottery	
208 034 Worked stone	
209 137 Charcoal	
210 034 Burnt bone	
211 152 Charcoal	
212 093 Carbonised material	
213 123 Pottery	
214 123 Cramp	
215 152 Charcoal	
216 123 Pottery	
217 130 Charcoal	
218 123 Burnt bone	
219 093 Quartz	
220 130 Charcoal	
221 130 Charcoal	
222 130 Charcoal	
223 130 Charcoal	

224	N/A	
225	141	Cramp
226	N/A	·
227	N/A	
228	N/A	
229	N/A	
230	N/A	
231	N/A	
232	N/A	
233	N/A	
234	N/A	
235	N/A	
236	N/A	
237	N/A	
238	N/A	
239	N/A	
240	N/A	
241	N/A	
242	N/A	
243	N/A	
244	N/A	
245	N/A	
246	N/A	
247	N/A	
248	N/A	
249	N/A	
250	141	Charcoal
251	141	Charcoal
252	008	Quartz
253	141	Pumice
254	008	Charcoal
255	141	Cramp
256	141	Charcoal
257	141	Charcoal
258	008	Charcoal
259	141	Charcoal
260	123	Pottery
261	123	Pottery
262	141	Charcoal
263	123	Pottery
264	141	Charcoal
265	123	Pottery
266	123	Pottery
267	123	Pottery

267.1	167	Stone
267.2	167	Pottery
267.3	167	Pottery
267.4	167	Pottery
267.5	167	Pottery
267.6	167	Pottery
267.7	167	Pottery
267.8	167	Pottery
267.9	167	Pottery
267.10	167	Pottery
267.11	167	Pottery
267.12	167	Pottery
267.13	167	Pottery
267.14	167	Pottery
267.15	167	Pottery
267.16	167	Pottery
267.17	167	Pottery
267.18	167	Pottery
267.19	167	Pottery
267	167	Pottery
268	123	Pottery
269	107	Burnt organic
270	090	Burnt organic
271	103	Burnt organic
272	103	Burnt organic
273	123	Pottery
274	156	Quartz
275	N/A	
276	156	Quartz
277	156	Quartz
278	N/A	
279	123	Charcoal
280	138	Charcoal
281	008	Quartz
282	103	Charcoal
283	090	Charcoal
284	090	Charcoal
285	103	Charcoal
286	103	Pottery
287	103	Charcoal
288	103	Charcoal
289	103	Charcoal
290	103	Charcoal
291	103	Charcoal

292	197	Burnt bone
293	090	Burnt bone
294	009	Pottery
295	103	Burnt bone
296	090	Burnt bone
297	103	Charcoal
298	137	Pottery
299	103	Charcoal
300	132	Charcoal
301	138	Charcoal
302	138	Charcoal
303	163	Quartz
304	090	Burnt Bone
305	103	Charcoal
306	090	Burnt bone
307	049	Cramp
308	103	Charcoal
309	137	Charcoal
310	137	Pottery
311	156	Quartz
312	090	Charcoal
313	VOIDED	VOIDED
314	137	Charcoal
315	137	Pottery
316	VOIDED	VOIDED
317	137	Charcoal
318	049	Cramp
319	049	Cramp
320	049	Cramp
321	137	Pottery
322	049	Cramp
323	N/A	
324	090	Burnt bone
325	168	Charcoal
326	168	Worked stone
327	137	Charcoal
328	090	Burnt bone
329	137	Worked stone
330	103	Burnt bone
331	090	Charcoal
332	034	Pottery
333	090	Charcoal
334	034	Pottery
335	090	Charcoal

336	137	Charcoal
337	090	Burnt bone
338	090	Charcoal
339	N/A	-
340	N/A	-
341	090	Burnt bone
342	002	Charcoal
343	090	Charcoal
344	103	Charcoal
345	N/A	-
346	N/A	-
347	N/A	-
348	N/A	-
349	N/A	-
350	N/A	-
351	TP 4	Lignite Bangle fragment
352	059	Miniscule blue bead
353	059	Miniscule blue bead
354	059	Miniscule blue bead
355	180	Charcoal
356	008	Charcoal
357	008	Charcoal
358	008	Charcoal
359	008	Charcoal
360	008	Charcoal
361	131	Pot
362	-	-
363	165	Charcoal
364	165	Charcoal
365	103	Charcoal
366	-	Pot
367	165	Worked stone
368	165	Stone tool
369	130	Pot
370	165	Charcoal
371	090	Burnt bone
372	165	Charcoal
373	165	Charcoal
374	165	Charcoal
375	165	Charcoal
376	001	Worked stone
377	199	Tooth
378	165	Stone tool

380         165         Charcoal           381         142         Worked stone (core)           382         -         Charcoal           383         064         Worked stone           384         184         Charcoal worked?           385         204         Cramp           386         059         Cramp           387         052         Worked stone           388         195         Foreign stone           389         128         Charcoal           390         059         Charcoal           391         062         Charcoal           392         204         Cramp           393         062         Charcoal           394         204         Cramp           395         064         Knocking stone           396         204         Iron           397         204         Cramp           398         064         Pot           400         097         Glass bead           401         001         Pot           402         004         Stone-worked?           403         061         Quartz boulder           40	379	165	Charcoal
382         -         Charcoal           383         064         Worked stone           384         184         Charcoal worked?           385         204         Cramp           386         059         Cramp           387         052         Worked stone           388         195         Foreign stone           389         128         Charcoal           390         059         Charcoal           391         062         Charcoal           392         204         Cramp           393         062         Charcoal           394         204         Cramp           395         064         Knocking stone           396         204         Iron           397         204         Cramp           398         064         Pot           400         097         Glass bead           401         001         Pot           402         004         Stone – worked?           403         061         Quartz boulder           404         168         Broken stone           405         168         Broken stone           406	380	165	Charcoal
383         064         Worked stone           384         184         Charcoal worked?           385         204         Cramp           386         059         Cramp           387         052         Worked stone           388         195         Foreign stone           389         128         Charcoal           390         059         Charcoal           391         062         Charcoal           392         204         Cramp           393         062         Charcoal           394         204         Cramp           395         064         Knocking stone           396         204         Iron           397         204         Cramp           398         064         Pot           399         064         Burnt bone           400         097         Glass bead           401         001         Pot           402         004         Stone – worked?           403         061         Quartz boulder           404         168         Burned bone           405         168         Broken stone	381	142	Worked stone (core)
384         184         Charcoal worked?           385         204         Cramp           387         052         Worked stone           388         195         Foreign stone           389         128         Charcoal           390         059         Charcoal           391         062         Charcoal           392         204         Cramp           393         062         Charcoal           394         204         Cramp           395         064         Knocking stone           396         204         Iron           397         204         Cramp           398         064         Pot           399         064         Burnt bone           400         097         Glass bead           401         001         Pot           402         004         Stone – worked?           403         061         Quartz boulder           404         168         Burned bone           405         168         Broken stone           406         165         Charcoal           407         165         Charcoal           4	382	-	Charcoal
385         204         Cramp           386         059         Cramp           387         052         Worked stone           388         195         Foreign stone           389         128         Charcoal           390         059         Charcoal           391         062         Charcoal           392         204         Cramp           393         062         Charcoal           394         204         Cramp           395         064         Knocking stone           396         204         Iron           397         204         Cramp           398         064         Pot           399         064         Burnt bone           400         097         Glass bead           401         001         Pot           402         004         Stone – worked?           403         061         Quartz boulder           404         168         Burned bone           405         168         Broken stone           406         165         Charcoal           407         165         Charcoal           408	383	064	Worked stone
386         059         Cramp           387         052         Worked stone           388         195         Foreign stone           389         128         Charcoal           390         059         Charcoal           391         062         Charcoal           392         204         Cramp           393         062         Charcoal           394         204         Cramp           395         064         Knocking stone           396         204         Iron           397         204         Cramp           398         064         Pot           399         064         Burnt bone           400         097         Glass bead           401         001         Pot           402         004         Stone – worked?           403         061         Quartz boulder           404         168         Burned bone           405         168         Broken stone           406         165         Charcoal           407         165         Charcoal           408         187         Worked stone           410 </td <td>384</td> <td>184</td> <td>Charcoal worked?</td>	384	184	Charcoal worked?
387         052         Worked stone           388         195         Foreign stone           389         128         Charcoal           390         059         Charcoal           391         062         Charcoal           392         204         Cramp           393         062         Charcoal           394         204         Cramp           395         064         Knocking stone           396         204         Iron           397         204         Cramp           398         064         Pot           399         064         Burnt bone           400         097         Glass bead           401         001         Pot           402         004         Stone – worked?           403         061         Quartz boulder           404         168         Burned bone           405         168         Broken stone           406         165         Charcoal           407         165         Charcoal           408         187         Worked stone           410         184         Worked stone <t< td=""><td>385</td><td>204</td><td>Cramp</td></t<>	385	204	Cramp
388         195         Foreign stone           389         128         Charcoal           390         059         Charcoal           391         062         Charcoal           392         204         Cramp           393         062         Charcoal           394         204         Cramp           395         064         Knocking stone           396         204         Iron           397         204         Cramp           398         064         Pot           399         064         Burnt bone           400         097         Glass bead           401         001         Pot           402         004         Stone – worked?           403         061         Quartz bollder           404         168         Burned bone           405         168         Broken stone           406         165         Charcoal           407         165         Charcoal           408         187         Worked stone           410         184         Charcoal           411         150         Worked stone           41	386	059	Cramp
128	387	052	Worked stone
390         059         Charcoal           391         062         Charcoal           392         204         Cramp           393         062         Charcoal           394         204         Cramp           395         064         Knocking stone           396         204         Iron           397         204         Cramp           398         064         Pot           399         064         Burnt bone           400         097         Glass bead           401         001         Pot           402         004         Stone – worked?           403         061         Quartz boulder           404         168         Burned bone           405         168         Broken stone           406         165         Charcoal           407         165         Charcoal           408         187         Worked stone           410         184         Charcoal           411         150         Worked stone           412         184         Worked stone           413         129         Pot           414	388	195	Foreign stone
391         062         Charcoal           392         204         Cramp           393         062         Charcoal           394         204         Cramp           395         064         Knocking stone           396         204         Iron           397         204         Cramp           398         064         Pot           400         097         Glass bead           401         001         Pot           402         004         Stone – worked?           403         061         Quartz boulder           404         168         Burned bone           405         168         Broken stone           406         165         Charcoal           407         165         Charcoal           408         187         Worked stone           409         168         Burn bone           410         184         Charcoal           411         150         Worked stone           412         184         Worked stone           413         129         Pot           414         129         Pot           415	389	128	Charcoal
392         204         Cramp           393         062         Charcoal           394         204         Cramp           395         064         Knocking stone           396         204         Iron           397         204         Cramp           398         064         Pot           400         097         Glass bead           401         001         Pot           402         004         Stone – worked?           403         061         Quartz boulder           404         168         Burned bone           405         168         Broken stone           406         165         Charcoal           407         165         Charcoal           408         187         Worked stone           409         168         Burn bone           410         184         Charcoal           411         150         Worked stone           412         184         Worked stone           413         129         Pot           414         129         Pot           415         129         Pot           416 <t< td=""><td>390</td><td>059</td><td>Charcoal</td></t<>	390	059	Charcoal
393         062         Charcoal           394         204         Cramp           395         064         Knocking stone           396         204         Iron           397         204         Cramp           398         064         Pot           399         064         Burnt bone           400         097         Glass bead           401         001         Pot           402         004         Stone – worked?           403         061         Quartz boulder           404         168         Burned bone           405         168         Broken stone           406         165         Charcoal           407         165         Charcoal           408         187         Worked stone           410         184         Charcoal           411         150         Worked stone           412         184         Worked stone           413         129         Pot           414         129         Pot           415         129         Pot           416         129         Pot           417 <td< td=""><td>391</td><td>062</td><td>Charcoal</td></td<>	391	062	Charcoal
394         204         Cramp           395         064         Knocking stone           396         204         Iron           397         204         Cramp           398         064         Pot           399         064         Burnt bone           400         097         Glass bead           401         001         Pot           402         004         Stone – worked?           403         061         Quartz boulder           404         168         Burned bone           405         168         Broken stone           406         165         Charcoal           407         165         Charcoal           408         187         Worked stone           410         184         Charcoal           411         150         Worked stone           412         184         Worked stone           413         129         Pot           414         129         Pot           415         129         Pot           416         129         Pot           417         129         Pot           418         004<	392	204	Cramp
395   064	393	062	Charcoal
396         204         Iron           397         204         Cramp           398         064         Pot           399         064         Burnt bone           400         097         Glass bead           401         001         Pot           402         004         Stone – worked?           403         061         Quartz boulder           404         168         Burned bone           405         168         Broken stone           406         165         Charcoal           407         165         Charcoal           408         187         Worked stone           409         168         Burn bone           410         184         Charcoal           411         150         Worked stone           412         184         Worked stone           413         129         Pot           414         129         Pot           415         129         Pot           416         129         Pot           417         129         Pot           418         004         Foreign stone           419         -	394	204	Cramp
397         204         Cramp           398         064         Pot           399         064         Burnt bone           400         097         Glass bead           401         001         Pot           402         004         Stone – worked?           403         061         Quartz boulder           404         168         Burned bone           405         168         Broken stone           406         165         Charcoal           407         165         Charcoal           408         187         Worked stone           409         168         Burn bone           410         184         Charcoal           411         150         Worked stone           412         184         Worked stone           413         129         Pot           414         129         Pot           415         129         Pot           416         129         Pot           417         129         Pot           418         004         Foreign stone           419         -         -           420         129 <td>395</td> <td>064</td> <td>Knocking stone</td>	395	064	Knocking stone
398         064         Pot           399         064         Burnt bone           400         097         Glass bead           401         001         Pot           402         004         Stone – worked?           403         061         Quartz boulder           404         168         Burned bone           405         168         Broken stone           406         165         Charcoal           407         165         Charcoal           408         187         Worked stone           409         168         Burn bone           410         184         Charcoal           411         150         Worked stone           412         184         Worked stone           413         129         Pot           414         129         Pot           415         129         Pot           416         129         Pot           417         129         Pot           418         004         Foreign stone           419         -         -           420         129         Pot           421         093	396	204	Iron
399   064   Burnt bone	397	204	Cramp
400       097       Glass bead         401       001       Pot         402       004       Stone – worked?         403       061       Quartz boulder         404       168       Burned bone         405       168       Broken stone         406       165       Charcoal         407       165       Charcoal         408       187       Worked stone         410       184       Charcoal         411       150       Worked stone         412       184       Worked stone         413       129       Pot         414       129       Pot         415       129       Pot         416       129       Pot         417       129       Pot         418       004       Foreign stone         419       -       -         420       129       Pot         421       093       Wood	398	064	Pot
401       001       Pot         402       004       Stone – worked?         403       061       Quartz boulder         404       168       Burned bone         405       168       Broken stone         406       165       Charcoal         407       165       Charcoal         408       187       Worked stone         409       168       Burn bone         410       184       Charcoal         411       150       Worked stone         412       184       Worked stone         413       129       Pot         414       129       Pot         415       129       Pot         416       129       Pot         417       129       Pot         418       004       Foreign stone         419       -       -         420       129       Pot         421       093       Wood	399	064	Burnt bone
402       004       Stone – worked?         403       061       Quartz boulder         404       168       Burned bone         405       168       Broken stone         406       165       Charcoal         407       165       Charcoal         408       187       Worked stone         410       184       Charcoal         411       150       Worked stone         412       184       Worked stone         413       129       Pot         414       129       Pot         415       129       Pot         416       129       Pot         417       129       Pot         418       004       Foreign stone         419       -       -         420       129       Pot         421       093       Wood	400	097	Glass bead
403       061       Quartz boulder         404       168       Burned bone         405       168       Broken stone         406       165       Charcoal         407       165       Charcoal         408       187       Worked stone         409       168       Burn bone         410       184       Charcoal         411       150       Worked stone         412       184       Worked stone         413       129       Pot         414       129       Pot         415       129       Pot         416       129       Pot         417       129       Pot         418       004       Foreign stone         419       -       -         420       129       Pot         421       093       Wood	401	001	Pot
404       168       Burned bone         405       168       Broken stone         406       165       Charcoal         407       165       Charcoal         408       187       Worked stone         409       168       Burn bone         410       184       Charcoal         411       150       Worked stone         412       184       Worked stone         413       129       Pot         414       129       Pot         415       129       Pot         416       129       Pot         417       129       Pot         418       004       Foreign stone         419       -       -         420       129       Pot         421       093       Wood	402	004	Stone – worked?
405       168       Broken stone         406       165       Charcoal         407       165       Charcoal         408       187       Worked stone         409       168       Burn bone         410       184       Charcoal         411       150       Worked stone         412       184       Worked stone         413       129       Pot         414       129       Pot         415       129       Pot         416       129       Pot         417       129       Pot         418       004       Foreign stone         419       -       -         420       129       Pot         421       093       Wood	403	061	Quartz boulder
406       165       Charcoal         407       165       Charcoal         408       187       Worked stone         409       168       Burn bone         410       184       Charcoal         411       150       Worked stone         412       184       Worked stone         413       129       Pot         414       129       Pot         415       129       Pot         416       129       Pot         417       129       Pot         418       004       Foreign stone         419       -       -         420       129       Pot         421       093       Wood	404	168	Burned bone
407       165       Charcoal         408       187       Worked stone         409       168       Burn bone         410       184       Charcoal         411       150       Worked stone         412       184       Worked stone         413       129       Pot         414       129       Pot         415       129       Pot         416       129       Pot         417       129       Pot         418       004       Foreign stone         419       -       -         420       129       Pot         421       093       Wood	405	168	Broken stone
408       187       Worked stone         409       168       Burn bone         410       184       Charcoal         411       150       Worked stone         412       184       Worked stone         413       129       Pot         414       129       Pot         415       129       Pot         416       129       Pot         417       129       Pot         418       004       Foreign stone         419       -       -         420       129       Pot         421       093       Wood	406	165	Charcoal
409       168       Burn bone         410       184       Charcoal         411       150       Worked stone         412       184       Worked stone         413       129       Pot         414       129       Pot         415       129       Pot         416       129       Pot         417       129       Pot         418       004       Foreign stone         419       -       -         420       129       Pot         421       093       Wood	407	165	Charcoal
410       184       Charcoal         411       150       Worked stone         412       184       Worked stone         413       129       Pot         414       129       Pot         415       129       Pot         416       129       Pot         417       129       Pot         418       004       Foreign stone         419       -       -         420       129       Pot         421       093       Wood	408	187	Worked stone
411       150       Worked stone         412       184       Worked stone         413       129       Pot         414       129       Pot         415       129       Pot         416       129       Pot         417       129       Pot         418       004       Foreign stone         419       -       -         420       129       Pot         421       093       Wood	409	168	Burn bone
412       184       Worked stone         413       129       Pot         414       129       Pot         415       129       Pot         416       129       Pot         417       129       Pot         418       004       Foreign stone         419       -       -         420       129       Pot         421       093       Wood	410	184	Charcoal
413       129       Pot         414       129       Pot         415       129       Pot         416       129       Pot         417       129       Pot         418       004       Foreign stone         419       -       -         420       129       Pot         421       093       Wood	411	150	Worked stone
414     129     Pot       415     129     Pot       416     129     Pot       417     129     Pot       418     004     Foreign stone       419     -     -       420     129     Pot       421     093     Wood	412	184	Worked stone
415       129       Pot         416       129       Pot         417       129       Pot         418       004       Foreign stone         419       -       -         420       129       Pot         421       093       Wood	413	129	Pot
416     129     Pot       417     129     Pot       418     004     Foreign stone       419     -     -       420     129     Pot       421     093     Wood	414	129	Pot
417     129     Pot       418     004     Foreign stone       419     -     -       420     129     Pot       421     093     Wood	415	129	Pot
418     004     Foreign stone       419     -     -       420     129     Pot       421     093     Wood	416	129	Pot
419     -       420     129       421     093       Wood	417	129	Pot
420     129     Pot       421     093     Wood	418	004	Foreign stone
421 093 Wood	419	-	-
	420	129	Pot
422	421	093	Wood
1 1	422	-	-

423	129	Pot
424	=	-
425	129	Pot
426	130	Charcoal
427	129	Pot
428	129	Pot
429	129	Pot
430	129	Pot
431	090	Burnt bone
432	150	Working stone
433	019	Foreign stone (quartz)
434	129	Pot
435	129	Pot
436	129	Stone number to reassign
437	004	Working stone
438	129	Pot
439	129	Pot
440	224	Charcoal
441	145	Worked stone
442	129	Pot
443	165	Stone
444	064	Worked stone
445	129	Pot
446	199	Burnt bone
447	129	Quartz
448	129	Worked stone
449	004	Chert
450	165	Pot
451	064	Flint
452	004	Worked stone
453	059	Cramp
454	059	Bone
455	059	Bone
456	165	Foreign stone
457	059	Bone
458	004	Flint
459	004	Foreign stone
460	038	Bone
461	090	Foreign stone
462	233	Worked quartz
463	090	Foreign stone
464	225	Foreign stone
465	236	Worked stone
466	226	Stone tool

467	232	Foreign stone
468	165	Worked stone
469	129	Burnt bone
470	106	Burnt bone
471	105	Burnt bone
472	105	Worked stone
473	106	Burnt bone
474	246	Worked stone
475	106	Burnt bone
476	129	Flint
477	249	Pot
478	105	Cramp
479	232	Quartz
480	106	Pot
481	253	Quartz
482	232	Hammer/grinder stone
483	253	Worked stone
484	249	Carved wood
485	129	Pot
486	233	Charcoal
487	232	Foreign stone
488	233	Charcoal
489	233	Charcoal
490	233	Foreign stone
491	246	Charcoal
492	232	Foreign stone
493	232	Foreign stone
494	103	Flint
495	158	Charcoal
496	-	-
497	158	Cramp
498	158	Pot
499	246	Cramp
500	129	Pot
501	235	Burnt bone
502	-	-
503	235	Bone (teeth)
504	244	Charcoal
505	129	Pot
506	248	Flint
507	129	Pot
508	196	Worked stone
509	196	Pebble
	246	Worked stone

511	249	Charcoal
512	061	Burnt bone
513	129	Pot
514	266	Burnt bone
515	-	-
516	-	-
517	-	-
518	-	-
519	-	-
520	-	-
521	-	-
522	-	-
523	-	-
524	-	-
525	204	Burnt flint
526	-	-
527	-	-
528	129	Pot
529	265	Fe object
530	-	-
531	-	-
532	129	Pot
533	-	-
534	004	Charcoal
535	-	-
536	272	Burnt bone
537	-	-
538	064	Pot
539	129	Pot
540	129	Charcoal
541	278	Burnt bone
542	107	Pebble stone tool
543	272	Burnt bone
544	272	Burn bone
545	254	Pot
546	129	Pot
547	254	Charcoal
548	-	-
549	129	Pot
550	200	Cramp
551	254	Pot
552	172	Pot
553	155	Burnt bone
554	217	Charcoal

555	192	Flint
556	-	-
557	129	Worked stone
558	-	-
559	274	Charcoal
560	129	Worked stone
561	284	Charcoal
562	306	Pot
563	306	Charcoal
564	304	Charcoal
565	129	Worked stone
566	129	Worked stone
567	306	Charcoal
568	306	Pot
569	192	Stone rubber
570	267	Quartz
571	107	Charcoal
572	107	Charcoal
573	313	Pot
574	204	Steatite?
575	313	Charcoal
576	314	Stone
577	254	Pot
578	-	-
579	254	Pot
580	254	Pot
581	254	Pot
582	129	Pot
583	258	Decorated pot
584	258	Burnt bone
585	313	Pot
586	254	Pot
587	249	Charcoal
588	-	-
589	254	Pot
590	313	Charcoal
591	254	15x pot
592	254	Pot
593	254	2x pot
594	313	Charcoal
595	313	Charcoal
596	149	Whetstone
597	313	Pot
598	306	Pot

599	313	Pot
600	254	Pot
601	254	Pot
602	254	Pot
603	254	Pot
604	254	Pot
605	254	Charcoal
606	254	Pot
607	318	Pot
608	326	Coprolite? Industrial material
609	254	Pot
610	326	Bone
611	254	Pot
612	328	Burnt bone
613	254	Pot
614	254	Pot
615	254	Pot
616	254	Pot
617	254	Pot
618	-	-
619	254	Pot
620	254	Burnt bone
621	254	Pot
622	341	Burnt bone
623	272	Pot
624	272	Stone tool
625	254	Pot
626	-	-
627	-	-
628	333	Pot
629	064	Pot
630	064	Burnt bone
631	254	Pot
632	254	Pot
633	-	-
634	336	Burnt bone
635	-	Pot
636	336	Cramp
637	254	Pot
638	254	Pot
639	254	Pot
640	254	Pot
641	341	Burnt bone
642	064	Burnt bone

643	341	Burnt bone
644	341	Burnt bone
645	301	Burnt bone
646	301	Burnt bone
647	301	Charcoal
648	301	Bone and teeth
649	329	Charcoal
650	254	Pot
651	301	Bone
652	347	Bone
653	254	Pot
654	329	Cramp?
655	329	Quartzite stone tool
656	114	Foreign stone
657	329	Stone tool
658	-	-
659	288	Pot
660	347	Teeth
661	254	Pot
662	-	-
663	-	-
664	254	Pot
665	296	Burnt bone
666	296	Burnt bone
667	254	Pot
668	341	Burnt bone
669	254	Pot
670	296	Burnt bone
671	254	Pot
672	341	Burnt bone
673	054	Pot
674	064	Burnt bone
675	204	Burnt bone
676	313	Charcoal
677	348	Charcoal – large
678	254	Pot
679	301	Pot
680	-	Worked stone
681	054	Charcoal
682	054	Charcoal
683	329	Stone tool
684	258	Pot
685	258	Pot
686	355	Pot

687	258	Pot
688	329	Stone tool
689	329	Stone tool – quartz
690	258	Pot
691	054	Worked stone
692	-	-
693	-	-
694	-	-
695	258	Pot
696	388	Pot
697	272	Pot
698	369	Pot
699	270	Pot
700	-	-
701	-	-
702	-	-
703	-	-
704	299	Bone
705	270	Pot
706	054	Worked stone
707	054	Pot
708	370	Pot
709	374	Charcoal
710	374	Ро
711	-	-
712	272	Fe object
713	376	Worked cobble
714	374	Cramp
715	272	Pot
716	294	Pot
717	272	Pot
718	277	Charcoal
719	296	Burned bone
720	378	Pot
721	333	Glass bead fragment
722	374	Burnt bone
723	374	Burnt bone
724	385	Pot
725	325	Bone
726	385	Burnt bone
727	090	Pot
728	385	Worked stone
729	090	Pot
730	054	Charcoal

731	054	Burnt bone
732	353	Stone tool
733	290	Stone tool
734	030	Pot in Str B hearth
735	202	Spindle whorl from sample 155

## **Appendix 5:Photo Register**

Batch	Frame	Description	Direction of shot
10	1	Sondage in north side of Structure D, pre-removal of (180)	S
10	2	Close-up of (180) in north part of sondage, butting (182)	N
10	3	Sondage in north side of Structure D, pre-removal of (180)	N
10	4	Detail of possible feature emerging in Structure D sondage	SW
10	5	Detail of possible feature emerging in Structure D sondage	SW
10	6	Post-ex of (180) in north end of sondage D1, showing (183)	N
10	7	Post-ex of (180) in north end of sondage D1, showing (183)	N
10	8	Post-ex of (180) in north end of sondage D1, showing (183)	N
10	9	Post-ex of (007) in south central baulk	NW
10	10	Post-ex of (007) in south central baulk	NW
10	11	Post-ex of (007) in south central baulk	NW
10	12	Post-ex of (007) in south central baulk	NW
10	13	Post-ex of (007) in south central baulk	W
10	14	Post-ex of (007) in south central baulk	W
10	15	Post-ex of (007) in south central baulk	W
10	16	Context [151] in southwest extension	SE
10	17	Detail of context [151] in southwest extension	SE
10	18	Context [151] in southwest extension, detail	SE
10	19	Context [151] in southwest extension, mid view	SE
10	20	Context [151] in southwest extension, overall view	SE
10	21	Working shots	Various
10	22	Working shots	Various
10	23	Working shots	Various
10	25	Working shots	Various
10	26	Working shots	Various
10	27	Working shots	Various
10	28	Working shots (close-up of Bobby)	Various
10	29	Quern stone SF340 in situ	SW
10	30	Quern stone SF340 in situ	SW
10	31	Quern stone SF340 in situ	S
10	32	Quern stone SF340 in situ	S
10	33	Quern stone SF340 in situ with no scale	S
10	34	Quern stone SF340 in situ with no scale	SW
10	35	Quern stone SF340 in situ with no scale	SW

10	36	Record shot of {181} showing (165) in southeast quadrant	SE
		of Structure D	
10	37	Record shot of {181} showing (165) in southeast quadrant	SE
10	38	of Structure D  Record shot of {181} showing (165) in southeast quadrant	SE
10	30	of Structure D	
10	39	Record shot of {181} showing (165) in southeast quadrant	SE
		of Structure D	
10	40	Record shot of {181} showing (165) in southeast quadrant	E
10	41	of Structure D  Record shot of {181} showing (165) in southeast quadrant	E
10	41	of Structure D	
10	42	Record shot of {181} showing (165) in southeast quadrant	SW
		of Structure D	
10	43	Record shot of (190)	S
10	44	General site record shot	
10	45	General site record shot	
10	46	General site record shot	
10	47	General site record shot	
10	48	General site record shot	
10	49	General site record shot	
10	50	In situ 368 within rubble (165)	SW
10	51	In situ 368 within rubble (165), wider context	SW
10	52	In situ 368 within rubble (165)	SE
10	53	In situ 368 within rubble (165)	S
10	54	Record shot of context (119) in SW extension	N
10	55	Record shot of context (119) in SW extension	E
10	56	Record shot of context (119) in SW extension	E
10	57	Record shot of context (119) in SW extension	E
10	58	Record shot of context (119) in SW extension	S
10	59	Record shot of context (119) in SW extension	W
10	60	Record shot of context (119) in SW extension	W
10	61	Post (001), onto (195) abutting rubble	W
10	62	Post (001), onto (195) abutting rubble	W
10	63	Post (001), onto (195) abutting rubble	W
10	64	Post (001), onto (195) abutting rubble	W
10	65	Post-ex of (090) in northeast quadrant	N
10	66	Pre-ex of fire pit/hearth [193] etc, Structure B	W
10	67	Pre-ex of fire pit/hearth [193] etc, Structure B	W
10	68	Pre-ex of fire pit/hearth [193] etc, Structure B	W
10	69	Pre-ex of fire pit/hearth [193] etc, Structure B	W
10	70	Pre-ex of fire pit/hearth [193] etc, Structure B	W
10	71	Context shot of Structure B hearth	W
10	72	Context shot of Structure B hearth	W
10	73	In situ SF373 within rubble (165)	W
10	74	In situ SF373 within rubble (165), wider context	W
10	75	In situ SF378 within rubble (165)	NW
10	76	In situ SF378 within rubble (165), wider context	NW
10	77	Record shot of context (184), Structure E	SE
10	78	Record shot of context (184), Structure E	SE
10	79	Record shot of context (184), Structure E	SE

10	80	Record shot of context (184), Structure E	SE
10	81	Record shot of context (184), Structure E	SE
10	82	Pre-ex shots of midden (202) and (203) to NW of Structure A	N
10	83	Pre-ex shots of midden (202) and (203) to NW of Structure A	N
10	85	Pre-ex shots of midden (202) and (203) to NW of Structure A	W
10	87	Detail of charcoal concentration (203)	Above
10	88	Pre-ex shots of midden (202) and (203) to NW of Structure A	W
10	89	Pre-ex shots of midden (202) and (203) to NW of Structure A	N
10	90	General mid-ex shot of Structure D with rubble (196)	W
10	91	General mid-ex shot of Structure D with rubble (196)	W
10	92	General mid-ex shot of Structure D with rubble (196)	W
10	93	Detail shot of Structure B hearth setting [193]	W
10	94	Detail shot of Structure B hearth setting [193]	W
10	95	General mid-ex shot of Structure D with rubble (196)	S
10	96	General mid-ex shot of Structure D with rubble (196)	S
10	97	General mid-ex shot of Structure D with rubble (196) & (103)	SE
10	99	General mid-ex shot of Structure D with rubble (196)	SE
10	100	General mid-ex shot of Structure D & Structure E east side with (196)	SW
10	101	General mid-ex shot of Structure D rubble (196) & Structure C (165)	N
10	102	General mid-ex shot of Structure D rubble (196) & Structure C (165)	Е
10	103	In situ of glass bead SF400, with scale	W
10	104	In situ of glass bead SF400, with scale	W
10	105	In situ of glass bead SF400, with scale	W
10	106	In situ of glass bead SF400, wider context	NW
10	107	In situ of glass bead SF400, with tag & scale	W
10	108	In situ of glass bead SF400, with tag & scale	W
10	109	In situ of glass bead SF400, with tag & scale	W
10	110	Knocking stone SF395 in situ	N
10	111	Knocking stone SF395 in situ	N
10	112	Knocking stone SF395 in situ	S
10	113	Knocking stone SF395 in situ, close-up	N
10	114	Knocking stone SF395 in situ, close-up	NW
10	115	Working shot	Е
10	116	Half-sectioned (090) deposits in Structure B entrance	S
10	117	Half-sectioned (090) deposits in Structure B entrance	S
10	118	Record shot of (206)	N
10	119	Record shot of (206)	W
10	120	Record shot of (206)	S
10	121	Record shot of (206)	N
10	122	Record shot of rubble in Structure B cell (174)	NW
10	123	Pre-ex of (205)	NW
10	124	Pre-ex of (205)	NW
10	125	Pre-ex of (205)	NW

10	126	Pre-ex of (205)	SE
10	127	Pre-ex of (205)	SW
10	128	Pre-ex of (205)	SW
10	129	Mid-excavation shot of (184) – charcoal-rich context in Structure E	SE
10	130	Record shot of baulk in Structure B, context (090)	SW
10	131	Record shots of rubble (064) to the west of Structure B	E
10	132	Record shots of rubble (064) to the west of Structure B	NW
10	133	Record shots of rubble (064) to the west of Structure B	NW
10	134	Record shots of rubble (064) to the west of Structure B	NW
10	135	Record shots of rubble (064) to the west of Structure B	S
10	136	Record shots of rubble (064) to the west of Structure B	S
10	137	Burn section with [203], [208] and (129), post-ex of (001)	S
10	138	Burn section with [203], [208] and (129), post-ex of (001)	S
10	139	Burn section with [203], [208] and (129), post-ex of (001)	W
10	140	Burn section with [203], [208] and (129), post-ex of (001)	W
10	141	Burn section with [203], [208] and (129), post-ex of (001) & (195)	W
10	142	Burn section with [203], [208] and (129), post-ex of (001) & (195)	E
10	143	Record shot of (184), charcoal-rich deposit	SE
10	144	Steff Broadfoot excavating in Structure E	NW
10	145	Steff Broadfoot excavating in Structure E	NW
10	146	Bobby Friel and Nicola Thompson planning in Structure E	NW
10	147	Roland Spencer Jones and Islay Macleod in the SW extension	E
10	148	Roland Spencer Jones and Islay Macleod in the SW extension	E
10	149	Travis Lowe and Eve Clark discussing sampling	Е
10	150	Linda Somerville and Caroline Still in Structure C	N
10	151	Linda Somerville and Caroline Still in Structure C	N
10	152	Anthea Dean with Deryck Dean and Catherine Macleod in the east side of the trench	SW
10	153	Anthea Dean with Deryck Dean and Catherine Macleod in the east side of the trench	SW
10	154	Sara Marinoni planning in the NW extension	SW
10	155	Travis Lowe filling in small finds	NE
10	156	Travis Lowe filling in small finds	NE
10	157	Pre-ex of (210)	SW
10	158	Pre-ex of (210)	SW
10	159	Pre-ex of (210)	NW
10	160	Possible worked stone <i>in situ</i> , Structure B (NOT WORKED)	SW
10	161	Quartz boulder in rubble (062), Structure B	W
10	162	Quartz boulder in rubble (062), Structure B	W
10	163	Scrap of preserved wood in peat layer (093)	W
10	164	Scrap of preserved wood in peat layer (093)	W
10	165	Scrap of preserved wood in peat layer (093)	NW
10	166	Scrap of preserved wood in peat layer (093)	NW
11	1	Overview of SF408 in context [187]	W
11	2	Detail of SF408 in context [187]	W
11	3	Overview shot with stone SF412 in [184]	SE

11	4	Detail shot with stone SF412 in [184]	SE
11	5	Worked stone SF??	W
11	6	Worked stone SF??	W
11	7	Worked stone SF??	W
11	8	Worked stone SF??	W
11	9	Worked stone SF??	W
11	10	Pot spread SF417 in rubble (129)	SW
11	11	Pot spread SF417 in rubble (129)	SW
11	12	Pot spread SF417 in rubble (129)	SE
11	13	Pot spread SF417 in rubble (129)	SE
11	14	Pot spread SF417 in rubble (129)	SE
11	15	Pot spread SF417 in rubble (129)	SW
11	16	Wall [149] in Structure E above Structure D wall [192]	W
11	17	Wall [149] in Structure E above Structure D wall [192]	W
11	18	Wall [149] in Structure E above Structure D wall [192]	W
11	19	VOID	-
11	20	Mid-ex of rubble (129) at burn section	SE
11	21	Mid-ex of rubble (129) at burn section	SW
11	22	Mid-ex of rubble (129) at burn section	NW
11	23	Mid-ex of rubble (129) at burn section	NW
11	24	Mid-ex of rubble (129) at burn section	NE
11	25	VOID	-
11	26	Mid-ex of rubble (129) at burn section	NE
11	27	Post-ex (103) showing (224) and (165)	SE
11	28	Post-ex (103) showing (224) and (165)	SW
11	29	Entrance cell on north side of Structure B entrance	NW
11	30	Entrance cell on north side of Structure B entrance	NW
11	31	Entrance cell on north side of Structure B entrance	W
11	32	Entrance cell on north side of Structure B entrance	NE
11	33	Mid-ex of rubble (129) in burn section	NE
11	34	Mid-ex of rubble (129) in burn section	NE
11	35	Mid-ex of rubble (129) in burn section	NW
11	36	Mid-ex of rubble (129) in burn section	SE
11	37	Mid-ex of rubble (129) in burn section	W
11	38	Mid-ex of rubble (129) in burn section	NE
11	39	Mid-ex of rubble (129) in burn section	SE
11	40	Pre-ex of (199)	SE
11	41	Pre-ex of (199)	NW
11	42	Working shot of removal of (165)	NE
11	43	Working shot of removal of (165)	SW
11	44	VOID	-
11	45	Detail of tumble from wall	E
11	46	Mid-ex of Structure G	E
11	47	Mid-ex of Structure G	N
11	48	Mid-ex of Structure G	E
11	1.2	Mid-ex of (129) in the burn section, large rubble	NE
	49	what ex or (123) in the built section, large rubble	
11	50	Mid-ex of (129) in the burn section, large rubble	NE
11 11			

11	T = 2	NAI-d ou of (120) in the leaves coefficient leaves with his	I NIVA/
11	53	Mid-ex of (129) in the burn section, large rubble	NW
11	54	Mid-ex of (129) in the burn section, large rubble	NW
11	55	Mid-ex of (129) in the burn section, large rubble	N
11	56	Pre-ex plan of (220)	E
11	57	Pre-ex plan of (220)	E
11	58	Pre-ex plan of (220) with [149]	S
11	59	Pre-ex plan of (220), detail of west end	E
11	60	Pre-ex plan of (220), detail of west end	E
11	61	VOID	-
11	62	Structure D entrance, trench extension	E
11	63	Structure D entrance, trench extension	E
11	64	Structure D entrance, trench extension	E
11	65	Structure D entrance, trench extension	N
11	66	Structure D entrance, trench extension	N
11	67	Structure D entrance, trench extension	N
11	68	Working shots of excavation of (165)	SW
11	69	Working shots of excavation of (165)	NE
11	70	General working shot	NW
11	71	Structure G	E
11	72	Structure G	E
11	73	Structure G	E
11	74	Structure G	Е
11	75	Structure D hearth [243]	NW
11	76	Structure D hearth [243]	SE
11	77	Structure D hearth [243]	SE
11	78	Structure D hearth [243]	SE
11	79	Working shot of (165)	S
11	80	Entrance cell on north side of Structure B entrance	NW
11	81	Entrance cell on north side of Structure B entrance	NW
11	82	Entrance cell on north side of Structure B entrance	NW
11	83	Entrance cell on north side of Structure B entrance	NW
11	84	VOID	_
11	85	Entrance cell on north side of Structure B entrance	W
11	86	Entrance cell on north side of Structure B entrance	W
11	87	Entrance cell on north side of Structure B entrance	W
11	88	Pre-ex photo of Structure D hearth [243]	S
11	89	Pre-ex photo of Structure D hearth [243]	N
11	90	Pre-ex photo of Structure D hearth [243]	NW
11	91	Hammerstone in revetment wall, entrance cell on north	W
	71	side of Structure B entrance	•
11	92	Hammerstone in revetment wall, entrance cell on north	W
		side of Structure B entrance	
11	93	Hammerstone in revetment wall, entrance cell on north	W
11	04	side of Structure B entrance	14/
11	94	Hammerstone in revetment wall, entrance cell on north side of Structure B entrance	W
11	95	Test-pit TP22.1	SE
11	96	Test-pit TP22.1	SW
11	97	Test-pit TP22.1, with main trench in background	SE
11	98	Stone-box/post-setting [239]	E
11	30	Storie-nov/host-setting [533]	

11	99	Stone-box [222]	E
	100	Structure B hearth	SW
11			
11	101	Structure B hearth	SW
11	102	Structure B hearth	SW
11	103	Structure B hearth	SW
11	104	Structure B hearth	SW
11	105	Structure B hearth	SW
11	105	Flagstone surface [245] in Structure B entrance cell	SW
11	107	Flagstone surface [245] in Structure B entrance cell	SW
11	108	Flagstone surface [245] in Structure B entrance cell	SW
11	109	Revetment wall [226] in Structure B entrance cell	W
11	110	Revetment wall [226] in Structure B entrance cell	W
11	111	Coursed masonry [227] in Structure B entrance cell	NW
11	112	Coursed masonry [227] in Structure B entrance cell	NW
11	113	Blocky rubble [232] in Structure B entrance cell	NE
11	114	Blocky rubble [232] in Structure B entrance cell	NE
11	115	Blocky rubble [232] in Structure B entrance cell	NE
11	116	Blocky rubble [232] in Structure B entrance cell	NE
11	117	Flagstone surface [245] in Structure B entrance cell	SE
11	118	Flagstone surface [245] in Structure B entrance cell	S
11	119	Flagstone surface [245] in Structure B entrance cell	S
11	120	Rev. wall [226] and coursed masonry [227] in Structure B entrance	W
11	121	Rev. wall [226] and coursed masonry [227] in Structure B entrance	W
11	122	Rev. wall [226] and coursed masonry [227] in Structure B entrance	W
11	123	Wall [127] at the west end of Structure A	N
11	124	Wall [127] at the west end of Structure A	N
11	125	Wall [127] at the west end of Structure A	E
11	126	Wall [127] at the west end of Structure A	W
11	127	Structure G pre-planning shot showing (097) on left and (204) on right	NW
11	128	Post-ex shot of (004)	NW
11	129	Post-ex shot of (004)	NW
11	130	Structure G within wider context	N
11	131	Structure G within wider context	W
11	132	General shot of south of Str D in foreground, Structure G	SW
11	133	at back  General shot of south of Str D in foreground, Structure G at back	SW
11	134	Structure G (097) in foreground, (204) where ranging rods are	NE
11	135	Structure G (097) in foreground, (204) where ranging rods are	NE
11	136	Structure G wider context shot	N
11	137	Structure G wider context shot	E
11	138	Structure G East end	NE
11	139	Structure G wider context	NE
11	140	Structure G wider context	E
11	141	Structure G	SE
11	142	Structure G	SE
	1		

11	143	Structure G, possible line of waving emerging (bottom middle)	NE
11	144	Overview of context 233	N
11	145	Overview of context 233	N
11	146	Overview of context 233 + section S	SE
11	147	Overview of context 233 + section S	SE
11	148	Sloping rubble part 129	NW
11	149	Sloping rubble part 129	NE
11	150	Overview of ashy rich deposit detail of 250	E
11	151	Overview of ashy rich deposit detail of 250	E
11	152	Overview of ashy rich deposit detail of 250	S
11	153	Overview of ashy rich deposit detail of 250	S
11	154	Overview of ashy rich deposit detail of 250	S
11	155	Overview of ashy rich deposit detail of 250	S
11	156	NW facing sondage through stony deposit South of Structure D	NW
11	157	NW facing sondage through stony deposit South of Structure D	NW
11	158	W facing context 216 Structure C	W
11	159	E facing context 216 Structure C	E
11	160	Hammer/grinder stone in entrance	NE
11	161	Hammer/grinder stone cell Structure B	NE
11	162	Hammer/grinder stone cell Structure B	NE
11	163	Post excavation 216 Structure C	N
11	164	Post excavation 216 Structure C, closer	N
11	165	Post excavation 216 Structure C	E
11	166	-	-
11	167	-	-
11	168	Post excavation 216 Structure C	S
11	169	Post excavation 216 Structure C	S
11	170	Post excavation 216 Structure C	W
11	171	Sondage through stony deposit South of Structure D	NW
11	172	Sondage through stony deposit South of Structure D	NW
11	173	Sondage through stony deposit South of Structure D	NW
11	174	257 Pre excavation	N
11	175	257 Pre excavation	W
11	176	191 with abutting deposit 246 removed	SE
11	177	SF496 in deposit 249 S/central sondage	W
11	178	SF496 in deposit 249 S/central sondage	W
11	179	226 overlaying 260 in side cell Structure B	NE
11	180	226 overlaying 260 in side cell Structure B	NE
11	181	259 overlaying 260 in side cell Structure B	NE
11	182	259 overlaying 260 in side cell Structure B	NE
11	183	045 overlaying 245 in side cell Structure B	S
11	184	259 overlaying 260 in side cell Structure B	W
11	185	045 at North entrance of Structure B	W
11	186	Image exists	-
11	187	Overview of North entrance and side vell Structure B	NW
11	188	Overview of North entrance and side vell Structure B	NW
11	189	Overview of North entrance and side vell Structure B	NW

11	190	Overview of North entrance and side vell Structure B	W
11	191	Overview of North entrance and side vell Structure B	W
11	192	Hearth Structure B	NW
11	193	Hearth Structure B	NW
11	194	Hearth Structure B	NW
11	195	Hearth Structure B	NW
11	296	Hearth Structure B	NW
12	1	Ash box 222 with upper deposit 235 half sectioned	NW
12	2	NE facing section of 235	SW
12	3	Ashy deposit in 158	SE
12	4	Sghy deposit in 158	SE
12	5	Flag stone and East entrance passage to Structure D	W
12	6	Flag stone and East entrance passage to Structure D	N
12b	1	Post excavation of 129 down onto 087	S
12b	2	Post excavation of 129 down onto 087	Е
12b	3	Post excavation of 129 down onto 087	Е
12b	4	Post excavation of 129 down onto 087	NE
12b	5	Post excavation of 129 down onto 087	S
12b	6	Post excavation of 258 in Structure B hearth with ranging	NE
		rods	
12b	7	Post excavation of 258 in Structure B hearth with ranging	NE
12b	8	rods Post excavation of 258 in Structure B hearth with ranging	SW
120	0	rods	300
12b	9	Post excavation of 258 in Structure B hearth with ranging	SW
126	10	rods	NE
12b	10	Post excavation of 258 showing 266 in SE quadrant of hearth in Structure B	NE
12b	11	Post excavation of 258 showing 266 in SE quadrant of	NW
		hearth in Structure B	
12b	12	Post excavation of 258 showing 266 in SE quadrant of	SW
12b	13	hearth in Structure B Post excavation of 258 showing 265 in NW quadrant of	SE
120	15	Structure B hearth	3E
12b	14	Post excavation of 258 showing 265 in NW quadrant of	SW
		Structure B hearth	
12b	15	Post excavation of 258 showing 265 in NW quadrant of	SW
12h	16	Structure B hearth  Post oursestion of 258 in Structure B hearth wider	NE
12b	16	Post excavation of 258 in Structure B hearth, wider context	NE
12b	17	Post excavation of 258 in Structure B hearth, wider	NE
	<u></u>	context	
12b	18	Post excavation of 258 in Structure B hearth, wider	SW
4.21	10	context	6144
12b	19	Post excavation of 258 in Structure B hearth, wider context	SW
12b	20	Post excavation of 258 in Structure B hearth, wider	NW
		context	
12b	21	-	-
12b	22	-	-
12b	23	Post excavation of 258 in Structure B hearth, wider	NW
	1	context	
12b	24	SF 516. 183 rotary quern fragment	E
12b	25	SF 516. 183 rotary quern fragment	E

12b	26	Small find 516. 183 rotary quern fragment	E
12b	27	Deposit 261 in Str D against South wall	S
12b	28	Deposit 261 in Str D against South wall	S
12b	29	Deposit 261 in Str D against South wall	S
12b	30	Sondage in Structure B showing 270 emerging, including hearth	SW
12b	31	Sondage in Structure B showing 270 emerging, including hearth	SE
12b	32	Sondage in Structure B showing 270 emerging, including hearth	SE
12b	33	Post excavation of 265 in SW quadrant of Structure B hearth showing 269 and small find 529	SW
12b	34	Post excavation of 265 in SW quadrant of Structure B hearth showing 269 and small find 529	SW
12b	35	DELETED	-
12b	36	Post excavation of 265 in SW quadrant of Structure B hearth showing 269 and small find 529	SW
12b	37	Post excavation of 265 in SW quadrant of Structure B hearth showing 269 and small find 529	Е
12b	38	Post excavation of 265 in SW quadrant of Structure B hearth showing 269 and small find 529	E
12b	39	In-situ of fe object SF 529	Е
12b	40	In-situ of fe object SF 529	Е
12b	41	In-situ of fe object SF 529	Е
12b	42	In-situ of fe object SF 529	Е
12b	43	In-situ of fe object SF 529	E
12b	44	In-situ of fe object SF 529	E
12b	45	In-situ of fe object SF 529	Е
12b	46	Pre excavation of 271	N
12b	47	Blocking wall 117 + flagstones 273	Е
12b	48	Blocking wall 117 + flagstones 273	Е
12b	49	Blocking wall 117 + flagstones 273	NE
12b	50	Blocking wall 117 + flagstones 273	SE
12b	51	Record shot of prosecting section of 079 in Structure D	NE
12b	52	Record shot of prosecting section of 079 in Structure D	Е
12b	53	Continued dismantlement of wall 079 working shots	SE
12b	54	Continued dismantlement of wall 079 working shots	Е
12b	55	Continued dismantlement of wall 079 working shots	SE
12b	56	Post excavation of 090 in NE quadrant of Structure B showing 258	E
12b	57	Post excavation of 090 in NE quadrant of Structure B showing 258	Е
12b	58	Post excavation of 090 in NE quadrant of Structure B showing 258	E
12b	59	Post excavation of 090 in NE quadrant of Structure B showing 258	S
12b	60	Post excavation of 266 in NE quadrant of Structure B hearth showing 259	NW
12b	61	Working shot	N/A
12b	62	Working shot	N/A
12b	63	Post excavation of 090 in NE quadrant of Structure B showing 258	S
12b	64	Post excavation of 272 in NE quadrant of Structure B showing flagstone surface	E

12b	65	Pre ex shot of xxx post 129 NW	W
12b	66	Pre ex shot of xxx post 129 NW	SE
12b	67	Pre ex shot of xxx post 129 NW	NW
12b	68	Pre excavation 276 plus half section 271	N
12b	69	Pre excavation 276 plus half section 271	N
12b	70	Working shot excavation of 281 showing padding stone	N
		280	
12b	71	Mid excavation shot of deposit	SW
12b	72	Mid excavation shot of deposit	NW
12b	73	Mid excavation shot of deposit	NE
12b	74	Mid excavation shot of deposit	NE
12b	75	Mid excavation shot of deposit	NE
12b	76	Shot of E cell of Structure B showing 278 and rubble along wall	SW
12b	77	Shot of E cell of Structure B showing 278 and rubble along wall	NE
12b	78	Shot of E cell of Structure B showing 278 and rubble along wall	NE
12b	79	Detailed show North end Structure G	NW
12b	80	Overall shot of Structure G	NW
12b	81	Overall shot of Structure G	NW
12b	82	Overall shot of Structure G	E
12b	83	Overall shot of Structure G	SE
12b	84	Overall shot of Structure G	SE
12b	85	Detailed shot of Soth end Structure G	SE
12b	86	Detailed shot of East wall Structure G	E
12b	87	Detailed shot of North wall Structure G	NW
12b	88	Detailed shot of NW wall Structure G	W
12b	89	Shot of hearth area West of trench by edge	NE
12b	90	Shot of hearth area West of trench by edge	SW
12b	91	Shot of hearth area West of trench by edge	NW
12b	92	Shot of hearth area West of trench by edge	SW
12b	93	Shot of hearth area West of trench by edge	NW
12b	94	General shots of flagstone surface 172	N
12b	95	General shots of flagstone surface 172	SE
12b	96	General shots of flagstone surface 172	NW
12b	97	General shots of flagstone surface 172	N
12b	98	General shots of flagstone surface 172	M
12b	99	General shots of flagstone surface 172	W
12b	100	General shots of flagstone surface 172	
12b	101	Aerial shot of burn section pre-excavation of flagstone	N
		surface 172 and wall 173	
12b	102	Aerial shot of burn section pre-excavation of flagstone	N
		surface 172 and wall 173	
12b	103	Aerial shot of burn section pre-excavation of flagstone	N
126	104	surface 172 and wall 173	NI)A/
12b	104	Aerial shot of burn section pre-excavation of flagstone surface 172 and wall 173	NW
12b	105	Structure G mid excavation working shot of partial	N
		removal of 149	1
12b	106	Structure G mid excavation working shot of partial	N
		removal of 149	

12b	107	Structure G mid excavation working shot of partial	N
125	400	removal of 149, general context	)A(C)A(
12b	108	Working shot showing large block on possible paved surface	WSW
12b	109	Working shot showing 284 ore excavation	NE
12b	110	Working/mid excavation shot of wall 149	S
12b	111	Working/mid excavation shot of wall 149	S
12b	112	Working/mid excavation shot of wall 149	S
12b	113	Working/mid excavation shot of wall 149	N/A
12b	114	Working/mid excavation shot of wall 149	N
12b	115	Working/mid excavation shot of wall 149	N
12b	116	Working shot Rick + buddy	N
12b	117	Working shot Rick + buddy	N
12b	118	Post excavation of 030 in NW quadrant of Structure B showing 258 and patches of 294	SW
12b	119	Post excavation of 030 in NW quadrant of Structure B showing 258 and patches of 294	N
12b	120	Floor deposits Structure D, cells side of hearth	SW
12b	121	Slumped wall 192. Working shot of excavation	S
12b	122	Slumped wall 192. Working shot of excavation	S
12b	123	Slumped wall 192 mid excavation, Structure D side	S
12b	124	Small find 562 in 107	W
12b	125	Small find 562 in 107	W
12b	126	Small find 562 in 107	W
12b	127	Record shot of 296. Ashy deposit in SW of Structure B.	NW
12b	128	Record shot of 296. Ashy deposit in SW of Structure B.	SW
12b	129	DELETED	
12b	130	Working shot of Chris excavating pot spread	N/A
12b	131	Working shot of Sophie planning in Structure B	N/A
12b	132	Stone settings 281 and 282, half section	SE
12b	133	NE facing section of 281 and 282	SW
12b	134	Pre excavation of paving Structure C 303	WSW
12b	135	Working shot surface emerging under 249 Structure G	N
12b	136	Working shot surface emerging under 249 Structure G	N
12b	137	Working shot surface emerging under 249 Structure G	S
12b	138	Working shot surface emerging under 249 Structure G	S
12b	139	Area of wall sections visible during investigation of 192	S
12b	140	Area of wall sections visible during investigation of 192	S
12b	141	Area of wall sections visible during investigation of 192, wider context	S
12b	142	Shot post removal of surface slab showing material beneath	SE
12b	143	Shot post removal of surface slab showing material beneath, wider context	SE
12b	144	Passageway SF 557, 565, 566	NE
12b	145	Passageway SF 565, 566	NE
12b	146	Passageway SF 566	W
12b	147	Passageway SF 566	Vertical SE
12b	148	Passageway SF 566	Vertical SE
12b	149	Passageway SF 557	W
12b	150	Passageway SF 557	W

12b	151	Passageway SF 557	N
12b	152	Sondage against 149 also context 304	E
12b	153		E
		Sondage against 149 also context 304	
12b	154	SF 562 pot spread context shot 107	SE
12b	155	SF 562 pot spread context shot 107	S
12b	156	SF 562 pot spread context shot 107, closeup	S
12b	157	SF 562 pot spread context shot 107, closeup	N
12b	158	Context shot quartz pebble SF 570	SE
12b	159	Context shot layer 308	SE
12b	160	Context shot layer 308	SE
12b	161	Context shot layer 307	E
12b	162	Record shot of ashy deposit 311 near Structure B wall	S
12b	163	Wall 189	S
12b	164	Wall 189	SE
12b	165	Post excavation of ashy deposit 311	S
12b	166	Post excavation of ashy deposit 311, wider context	S
12b	167	Shot showing rubble packing in cellular feature in Structure D/G	NE
12b	168	Shot showing rubble packing in cellular feature in Structure D/G, wider context	NE
12b	169	Context, pre-excavation, deposit 267	S
12b	170	Close up of SF 562 pot with possible burn organic fibrous	N/A
12b	171	material surviving on surface  Close up of SF 562 pot with possible burn organic fibrous	N/A
4.21-	472	material surviving on surface	N1/A
12b	172	Close up of SF 562 pot with possible burn organic fibrous material surviving on surface	N/A
12b	173	Close up of SF 562 pot with possible burn organic fibrous	N/A
	270	material surviving on surface	,
12b	174	Pot possible bronze age in 313	Plan view
12b	175	Pot possible bronze age in 313	NW
12b	176	Pot possible bronze age in 313	E
12b	177	Pot possible bronze age in 313	S
12b	178	Pot possible bronze age in 313	W
12b	179	Possible human tooth in 313	Plan view
12b	180	Possible human tooth in 313	Plan view
12b	181	Working shot of 315	S
12b	182	Pot possible bronze age in 313	Plan view
12b	183	Pot possible bronze age in 313	Plan view
12b	184	Structure G. east section, wall 228	N N
		Structure G. east section, wall 228 Structure G. east section, wall 228	E
12b	185	·	
12b	186	Structure G. east section, wall 228	NE
12b	187	Scattered pot in Structure B South quadrant	E
12b	188	Scattered pot in Structure B South quadrant	S
12b	189	Scattered pot in Structure B South quadrant	Plan view
12b	190	Large slab on Surface of 318	SE
12b	191	View of hearth Structure B mid excavation	SW
12b	192	View of hearth Structure B mid excavation	SW
12b	193	View of hearth Structure B mid excavation	SW
12b	194	Pre excavation of 318	SW

13	1	Overview 326 mid-excavation shot. Charcoalised area	N
13	2	with pottery and bone.  Contextual 326 overview	N
13	3	Mid excavation shot of sondage through burnt stone layer	NW
13		254 in section 254	1440
13	4	Mid excavation shot of sondage through burnt stone layer 254 in section 254	W
13	5	Structure C surface 303	NW
13	6	Structure C surface 303	W
13	7	Structure C surface 303, elevated shot	W
13	8	Structure C surface 303, elevated shot	W
13	9	Rubble, Western extension, mid excavation. 328	SE
13	10	Rubble, Western extension, mid excavation. 328	SE
13	11	Rubble, Western extension, mid excavation. 328	NW
13	12	Rubble, Western extension, mid excavation. 328	NW
13	13	Overview of sondage section extension + stone paving 287	Е
13	14	Overview of sondage section extension + stone paving 287	Е
13	15	Mid excavation pos. wall + surface 328, W extension	Е
13	16	Mid excavation pos. wall + surface 328, W extension	E
13	17	Mid excavation pos. wall + surface 328, W extension	NW
13	18	Mid excavation pos. wall + surface 328, W extension	NW
13	19	Possible wall + surface 328 with ashy spread	S
13	20	Possible wall + surface 328 with ashy spread	S
13	21	Mid excavation section shot of 296	NE
13	22	Mid excavation section shot of 296	N
13	23	Structure B annex	SE
13	24	Structure B annex	SW
13	25	Structure B annex	NW
13	26	Structure B annex	NW
13	27	Structure B annex	SE
13	28	Structure D. Pre-ex shot of hearth 344	SW
13	29	Structure D. Pre-ex shot of hearth 344	N/A
13	30	Structure D. Pre-ex shot of hearth 344	SW
13	31	Structure D. Pre-ex shot of hearth 344	NE
13	32	Structure D. Pre-ex shot of hearth 344	NE
13	33	Structure D. Pre-ex shot of hearth 344	SW
13	34	Structure D. Pre-ex shot of hearth 344	SW
13	35	Structure D. Pre-ex shot of hearth 344	SW
13	36	Structure D. Pre-ex shot of hearth 344	SW
13	37	Pre excavation of G wall 345	-
13	38	Pre excavation of G wall 345	-
13	39	Structure B annex	NE
13	40	Structure B annex	SE
13	41	Structure B annex	Е
13	42	Structure B annex	SE
13	43	Structure B annex	SE
13	44	Structure B annex	NE
13	45	Structure B annex	NE
	46	Structure B annex	E

13	47	Structure B annex	E
13	48	Structure D pre-excavation of 302 paved surface	NW
13	49	Structure D pre-excavation of 302 paved surface	NW
13	50	112 passageway burnt material	NW
13	51	346 close-up	SE
13	52	346 close-up sectioned	SE
13	53	346 mid-excavation	SE
13	54	248 NW facing elevation	SE
13	55	341, 349, 347. Sondage overview mid-exc.	N
13	56	341, 349, 347. Sondage overview mid-exc.	E
13	57	In-situ quern stone 347 in sondage	S
13	58	In-situ quern stone 347 in sondage	S
13	59	Possible hearth feature NW of Str. B annex	NE
13	60	Possible hearth feature NW of Str. B annex	NE
13	61	Possible hearth feature NW of Str. B annex	NE
13	62	Deposit of burnt stone 254 in South sondage	NW
13	63	Deposit of burnt stone 254 in South sondage	NW
13	64	Deposit of burnt stone 254 in South sondage	NW
13	65	Deposit of burnt stone 254 in South sondage	NW
13	66	Deposit of burnt stone 254 in oblique	NW
13	67	Deposit of burnt stone 254 in oblique	NW
13	68	Deposit of burnt stone 254 in South sondage	NE
13	69	Burnt stone from deposit 254	N/A
13	70	Structure B annex sondage	NW
13	71	Structure B annex sondage	NW
13	72	Structure B annex sondage	NW
13	73	Structure B annex sondage	SE
13	74	In-situ photo of pottery SF 623	-
13	75	In-situ photo of pottery SF 623	SE
13	76	In-situ photo of stone tool	SE
13	77	Structure B annex sondage post 171 onto clay	NW
13	78	Structure B annex sondage post 171 onto clay	SE
13	79	Structure B annex sondage post 171 onto clay	NE
13	80	In-situ of SF 679	E
13	81	Quarter section (S-facing) of 288	N
13	82	Stone setting context 275	N
13	83	Stone setting context 275	N
13	84	Stone setting context 275	N
13	85	Stone setting context 275	E
13	86	Within stone setting context 275	N
13	87	Paved surface 303	NW
13	88	Paved surface 303	SE
13	89	Paved surface 303	SE
13	90	Paved surface 303	NE
13	91	Showing paved area 351 and wall 348	E
13	92	Showing paved area 351 and wall 348	W
13	93	Structure B annex	SW
13	94	Structure B annex, 172 paving pre-exc.	Е
13	95	Structure B annex, 172 paving pre-exc.	NW

13	96	Structure B annex	W
13	97	172 pre-excavation, paving	NW
13	98	172 pre-excavation, paving	NE
13	99	Possible hearth feature NW of Structure B annex	SW
13	100	Possible hearth feature NW of Structure B annex	SW
13	101	Close up of SF 983 in-situ context 329	SW
13	102	General context of SF 983 in situ, context 329	SW
13	103	In-situ of SF 684 within Structure B hearth	SW
13	104	In-situ of SF 684 within Structure B hearth	W
13	105	In-situ of stone tools SF 688 and 689. 329	NW
13	106	In-situ of stone tools SF 688 and 689. 329	NW
13	107	In-situ of stone tools SF 688 and 689. 329	NW
13	108	Rubble 054 to east of Structure C mid-exc.	W
13	109	Rubble 054 to east of Structure C mid-exc.	NE
13	110	Rubble 054 to east of Structure C mid-exc.	NW
13	111	In situ of pot SF 695	W
13	112	SF 700, close up shot	S
13	113	SF 700, close up shot	S
13	114	SF 703, close up shot	E
13	115	SF 703, close up shot	S
13	116	SF 701, close up shot	SE
13	117	SF 701, close up shot	SW
13	118	SF 702, close up shot	NW
13	119	SF 702, close up shot	S
13	120	SF 701 and 702, wide shot	NE
13	121	SF 701 and 702, wide shot	E
13	122	SF 700 and 703, wide shot	NE
13	123	Interface between Structures B + D	E
13	124	Interface between Structures B + D	S
13	125	Interface between Structures B + D	W
13	126	Mid excavation 173, paving	SE
13	127	Mid excavation 173, paving	SW
13	128	Mid excavation 173, paving	NW
13	129	Mid excavation 173, paving	SE
13	130	Mid excavation 173, paving	SW
13	131	Pot spread finds deposit 369 in situ near paving 289 and	S
13	131	wall 045	3
13	132	Pot spread finds deposit 369 in situ near paving 289 and	S
		wall 045, close up	
13	133	Pot spread finds deposit 369 in situ near paving 289 and	N/A
		wall 045	_
13	134	Pot spread finds deposit 369 in situ near paving 289 and	E
13	135	wall 045 Pot spread finds deposit 369 in situ near paving 289 and	W
13	133	wall 045	•
13	136	Shot showing finds deposits 369 + 370, to right of scale	S
13	137	Mid exc. General shot of deposits ass. 375, South sondage	W
13	138	Mid exc. General shot of deposits ass. 375, South sondage	W
13	139	Mid exc. General shot of deposits ass. 375, South sondage	N
13	140	Mid exc. General shot of deposits ass. 375, South sondage	N
13	141	Mid excavation shot of Structure C East wall + rubble 054	W
		The state of the s	L

12	142	Mid excavation shot of Structure C East wall + rubble 054	ΙN
13			
13	143 144	Hearth like feature 358 post removal of 356 + 357	SW NW
13	144	Hearth like feature 358 post removal of 356 + 357	S
13	145	Finds deposit 370 pre-excavation and post excavation of finds deposit 369	3
13	146	Finds deposit 370 close up	N/A
13	147	Finds deposit 370 close up	E
13	148	Finds deposit 370 wide context shot within Structure B	NW
13	149	Finds deposit 370 wide context shot within Structure B	NW
13	150	296 mid excavation	SW
13	151	296 mid excavation	SW
13	152	294 mid excavation	SW
13	153	294 mid excavation	SW
13	154	Pre-excavation 372	SE
13	155	Pre-excavation 372	SE
13	156	Pre excavation of charcoal rich layer 377	SW
13	157	Pre excavation of charcoal rich layer 377	SW
13	158	Pre excavation of charcoal rich layer 377	SW
13	159	Pre excavation of 375, white clay	SE
13	160	Pre excavation of 375, white clay	SW
13	161	Sample 290 kubiena in 296 – detail Str. B	NE
13	162	Sample 290 kubiena in 296 – context Str. B	NE
13	163	Sample 290 kubiena in 296 – context Str. B	NE
13	164	Pot spread in-situ, finds deposit 378 SF 720	S
13	165	Pot spread in-situ, finds deposit 378 SF 720, close up	S
13	166	Pot spread in-situ, finds deposit 378 SF 720, general context	W
13	167	Pot stream – finds deposit 378 SF 720	W
13	168	Wall line 373 SE of Structure C+ rubble 374	W
13	169	Wall line 373 SE of Structure C+ rubble 374	W
13	170	Cobble surface 171, possibly some of 353	SE
13	171	Cobble surface 171, possibly some of 353	SW
13	172	Mid excavation rubble in-situ extension 323 + ashy deposit	SW
13	173	Mid excavation rubble in-situ extension 323 + ashy deposit	SW
13	174	Mid excavation rubble in-situ extension 323 + ashy deposit	NW
13	175	Mid excavation rubble in-situ extension 323 + ashy deposit	NW
13	176	Pre lift of 172 paving	Е
13	177	Half section of Structure D hearth	NW
13	178	Showing 380, 381, 198	NW
13	Missing	SE facing section of 344, 363, 171	SE
13	179	East facing section of 282	W
13	180	Structure B 384 pre excavation	NE
13	181	Structure B 384 pre excavation	NW
13	182	Structure B 384 pre excavation	NW
13	183	Passageway between Structure B and C	SW
13	184	Passageway between Structure B and C	NE
13	185	General shot of 385, organised rubble to SE of Structure C	W

13	186	General shot of 385, organised rubble to SE of Structure C	N
13	187	Context shot of possible worked stone SF728	NW
13	188	Detail shot of possible worked stone SF 728	NW
13	189	Sondage through 325 onto rubble layer	S
13	190	Sondage through 325 onto rubble layer	S
13	191	Half section of 372	SE
13	192	Exists, but bucket in shot	-
13	193	South facing section of 372	N
13	194	S/N paving pre-excavation 382	W
13	195	384 in section	NE
13	196	384 in section	NE
13	197	384 in section	NE
13	198	Paving slabs Structure D 287	N
13	199	Paving slabs Structure D 287	W
13	200	Kubiena 304 in section of 384	NE
13	201	Kubiena 304 in section of 384	NE
13	202	Kubiena 304 in section of 384, wide shot	NE
13	203	Structure D hearth	-