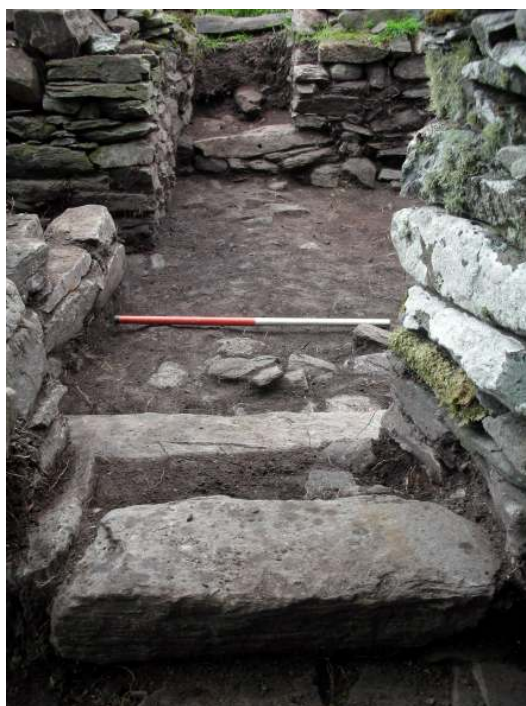




**DUN MHUIRICH, NORTH KNAPDALE
COMMUNITY EXCAVATION**

**PHASE II EXCAVATION
DATA STRUCTURE REPORT**



July 2013
Roderick Regan



**LOTTERY FUNDED
MAOINICHTHE LEIS
A' CHRANNCHUR**

Summary

The second phase of excavation at Dun Mhuirich has, like last year's excavation, confirmed the complexity of the site and has shown that the site is even more extensive than last year's survey hinted at. Within the upper enclosure the presence of a third large structure was confirmed, Structure 5, its walls having evidence of cruck-framing as well as containing an associated sequence of floors. At some point the N wall of this building was demolished or dismantled to allow the construction of Structure 1 (and possibly Structure 2), although part of the building continued in use incorporating a smaller structure. The N end of Structure 1 was also excavated this year and this showed that its internal sequence of associated floors matched that of the S half of the building excavated last year, while its better preserved walls allowed the sequence of wall modifications to be better understood. The area between Structures 1 and 2 was also excavated and this revealed a well made cobbled surface and drain associated with the late use of the buildings. Only one trench was excavated within the lower enclosure this year and this revealed a deep, complicated and no doubt long lived sequence of use within this area of the site. A trench was also opened at the N end of Structure 3 and while this confirmed the size of the structure no readily datable artefacts were recovered from its associated deposits. This was similarly the case within a trench opened within a newly recognised building, Structure 6, lying to the N of Structure 3. The building however did reveal a sequence of floors and hearths, separated by an extensive burnt deposit, suggesting the building or at least the roof had burned down; the well preserved carbonized plant remains should supply a secure date. The chance discovery of the fragment of a canal coal bangle within a mole hill on a lower terrace below the Dun also led to the investigation of an area that turned out to have been used as an extensive midden.

Acknowledgements

Kilmartin Museum would again like to thank the owners of the Tayvallich Estate for allowing the excavation on their land and to Alex Brockie of the estate management team for help in organising the dig. Thanks must also go to the staff of Historic Scotland and Marina Pugh of Scottish Natural Heritage for help in gaining the necessary permissions to excavate on a scheduled site which also lay within an SSSI. Thanks also go to all those who participated in the dig, including Jan Askness, Jean and Ken Bowker, Mary Ann and Andy Bunting, Alex Hamilton, Lucinda Hopkinson, Sue Hillman, Laura Skelton, Alice Strange, Margaret Kerr and Liz Jonie. We were also assisted by pupils from Tayvallich Primary School and History students from Lochgilphead High School as well as the local Great Auks group. We also initiated the Archaeological Apprenticeship scheme in which three local young people undertook a five week programme of learning basic archaeological techniques. The apprentices were Daniel Broderick, Angus Milne and Rose Richmond. Again thanks to Sheila Clark who has ploughed through my text, graciously pointing out the many errors.

Kilmartin House Museum
Argyll, PA31 8RQ
Tel: 01546 510 278
museum@kilmartin.org
Scottish Charity SC022744

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1. Introduction

1.1 The Project Circumstances

This Data Structure Report has been prepared by Kilmartin Museum with respect to the second phase of archaeological investigation at the scheduled site of Dun Mhuirich in North Knapdale, Argyll. The aims of the overall project and the specific aims of this phase of excavation work are more fully outlined in the Project Design (Regan 2013). The work was undertaken in two parts, the first during May 2013, while the three week apprentices training excavation took place in July-August 2013. The Site Code used was DMH 13. Permission to carry out a survey and excavation of the site was kindly granted by the owners and the work was funded by the Craigend Trust, the Graeme Hunter Trust, Kilmartin Museum and the Heritage Lottery Fund. Consent was granted for the work by Historic Scotland and Scottish Natural Heritage which permitted the project to go ahead as the site lay within an area of Site of Special Scientific Interest.



Fig. 1: Argyll

2. Site Background

2.1 Location and Topography

The site lies within North Knapdale Parish, Argyll, and is situated on the western shore of Linne Mhuirich (centred NR 7228 8441, Figures 2 & 3) an inlet of Loch Sween that separates this promontory of Keills from that of Taynish to the east. The B8025 road that runs between Tayvallich and Keills passes the site some 100m to the west.

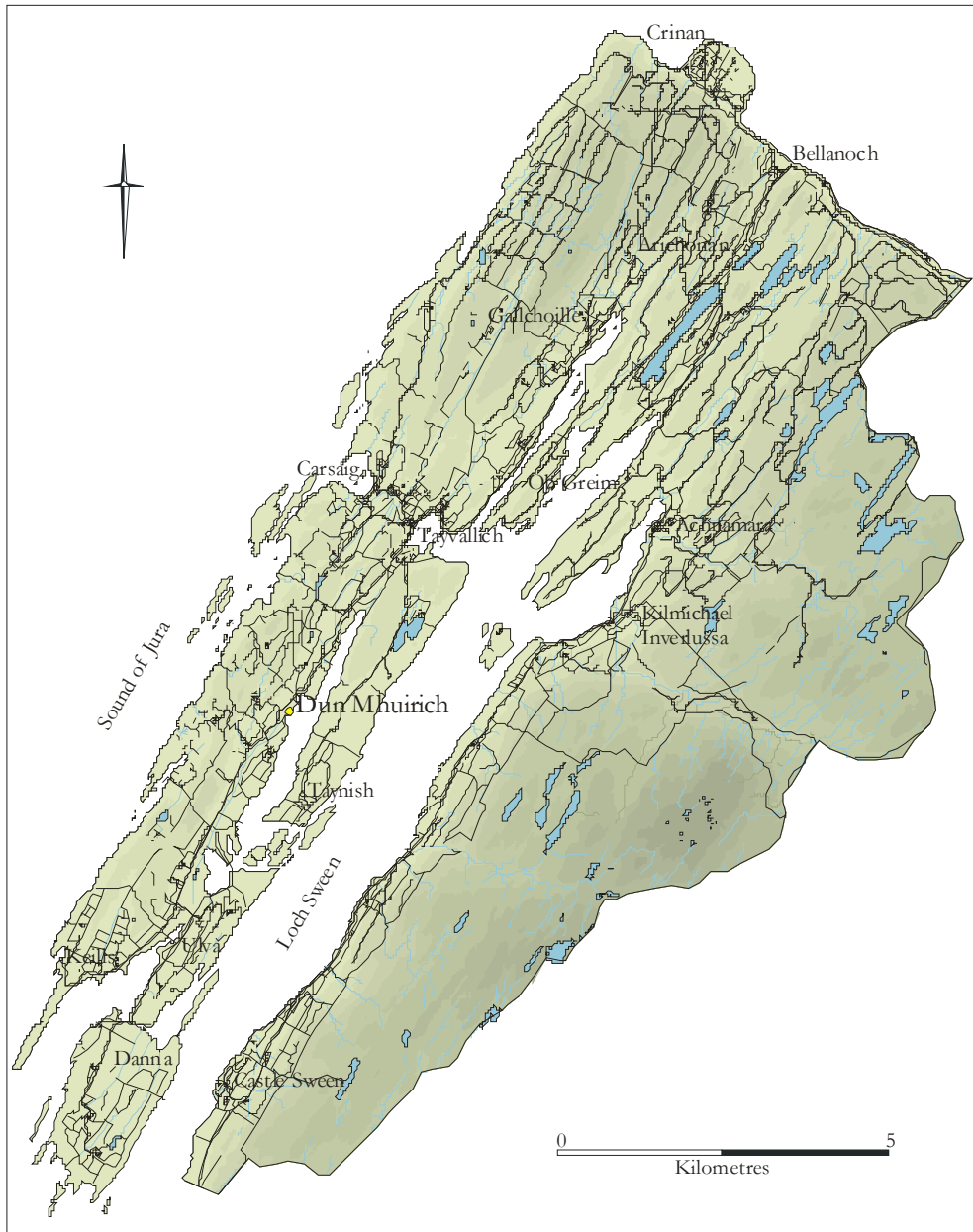


Figure 2: North Knapdale



Figure 3: Dun Mhuirich

The site is located on an undulating terrace that gradually slopes up from sea level at the north culminating in steep, near vertical sides at its southern end. The underlying geology consists of limestone bedrock with glacial till between the undulating bedrock outcrops. The vegetation cover principally consists of bracken and blackthorn scrub, with a few more mature trees growing within the site. The site was described by Christieson in 1904 (Christieson 1904) and more comprehensively surveyed by the Royal Commission on the Ancient and Historical Monuments of Scotland, this work published in their Inventory of Argyll in Volume 6 (RCHAMS 1988). The site was scheduled in 1955.

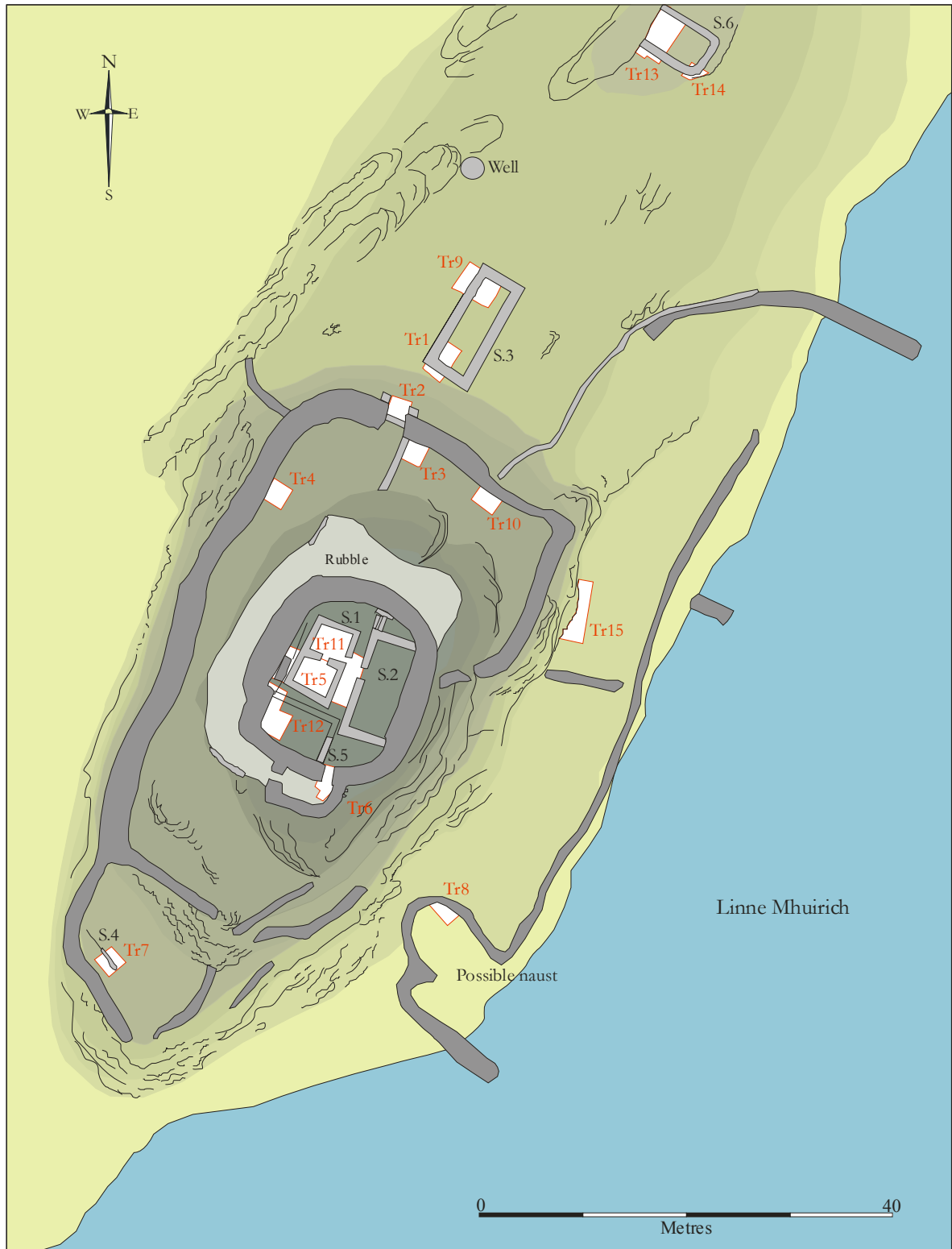


Figure 4: Trench Locations

3. 2012 Excavation Summary

The results of the 2012 excavation are more fully outlined in the Data Structure Report (Regan 2012). The work revealed a well preserved, deeply stratified and multi-phased site. The walls within the upper and lower enclosure, while suffering from later degradation, were particularly well preserved, standing over 2m in height in parts of the upper enclosure.

The good structural preservation was reflected in the discrete and well stratified deposits within and surrounding these structures, despite later disturbance caused by past and ongoing root disturbance. The preservation of organic material, particularly bone, would appear to be a benefit of the site's position on a limestone outcrop, this giving the soils low acidic levels which is relatively rare in mainland Argyll.

Excavation within the upper enclosure suggested the long use of the site as a place of occupation. An Iron Age or early historic horizon was suggested by an early wall alignment seen lying below an extensive midden deposit which likely dates to the 12th century. Above this midden was built Structure 1 which had undergone several structural modifications. Several occupation deposits were associated with this building, the recovered pottery suggesting use from the 15th to 17th centuries. Several structural modifications were also observed within the limited excavation of the upper enclosure entrance and part of the hornwork.

The Trenches within the lower enclosure also indicated several periods of occupation. Within Trench 4 an as yet undated midden deposit ran under a rough stone surface that appears to respect the inner enclosure wall. Lying over the surface was another occupation build up which again remains undated although the recovery of several iron nails similar to those recovered from the occupation deposits within Structure 1 probably dates this to the same period.

Within Trench 3 a midden and rubble deposit appeared to run under the inner wall face of the enclosure wall and perhaps suggests wall modification or even construction after the midden had formed. Thereafter there is a build up of at least two occupation deposits, these separated by the addition of a stone pier at the SE side of the entranceway, this one of three other stone piers added to the entranceway effectively lengthening the entrance passage. These may have been added to reinforce any perceived structural weakness around the entrance, but it is also possible they gave support to some over-entrance platform. Recovered from the later occupation layer was a two pence piece or Turner dating to the reign of Charles I (1642-1650).

At some point the areas to the E and W of the lower enclosure are divided by the addition of a cross-wall. The purpose of the wall may have been to keep animals out of the W area as here there appears to be an accumulation of worked soil (absent from the E area), suggesting arable exploitation. A similar soil deposit was seen within Trench 7 and it may be that this also was utilised as a small field or plot. Such use was indicated by several iron implements recovered from Trench 3, including a sickle.

The presence of two other structures was verified during the excavation. Lying within a lower enclosed terrace to the S was a very ruined building, Structure 4. Much of the rest of this building is inaccessible due to blackthorn growth and it remains to be seen if more substantial remains lie within the undergrowth. No associated occupation deposits were revealed and the date and function of this building remains unclear. There was also a lack of dating evidence associated with Structure 3 which lay outwith the lower enclosure wall to the NE of the lower entrance. While only a small part of this was uncovered (the SW corner) its construction suggests a building of

some substance, this perhaps indicated by the presence of a scarcement, which may have supported a suspended wooden floor.

4. 2013 Excavation Results

In total seven areas were examined during this year's excavation (Trenches 9-15), Figure 4) and full context descriptions appear in Appendix 1 below, the contexts listed in Appendix 2. Some priorities, however, changed during the course of the excavation which led to changes from the initial project design. Within the scheduled area the proposed rubble clearance of the entrance to the upper enclosure (Trench 13 in the Project Design) did not take place as resources were directed elsewhere. Beyond the scheduled area to the E Trench 15 was moved N to incorporate what appeared to be an area of midden.

4.1 Trench 9, Structure 3

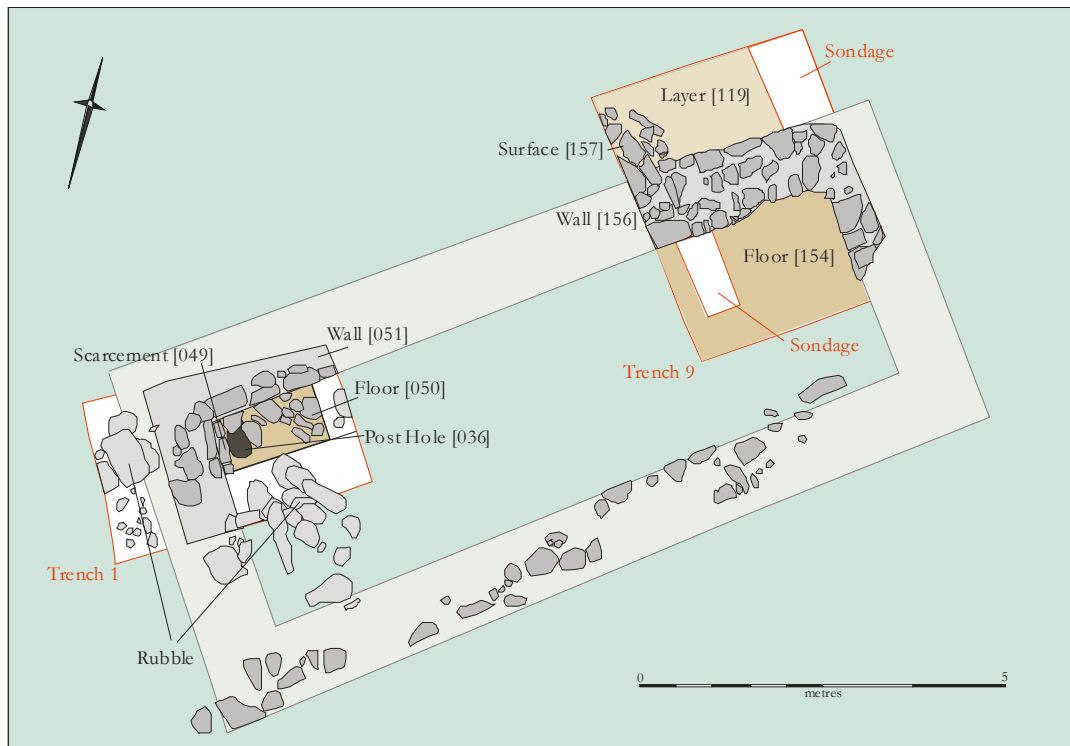


Figure 5: Structure 3

This trench was placed over the supposed NW corner of a rectangular building in order to confirm the size of the structure and perhaps examine any internal and external features (Figure 5). As previously thought, and as the trench quickly revealed, the building had been extensively robbed, with only the footings of the W and N walls [156] surviving. In fact most of the N wall had been completely removed but a sufficient length of the inner wall face survived to confirm the original dimensions of the building which were 9m long by c3.20m wide internally.



Structure 3 NW corner

Internally a small sondage was excavated through what would appear to be a make up deposit [155] this lying below a thin clay floor deposit [154]. The latter was badly disturbed by roots (mainly bracken but with some tree/shrub roots) but had patches of ash/charcoal and fire reddening suggesting the spreading or inclusion of hearth material on the floor. The floor abutted the inner face of the disturbed W wall and both wall and surface were sealed by mixed rubble and soil deposit [115]. The rubble within this deposit consisted mainly of small to medium stone blocks, suggesting that this was left during the robbing of the main walls.

Externally a sondage was cut through the deposits at the NW of the trench. This revealed that a trench (cut [153]) had been excavated along the W edge of the building down to natural bedrock. The E edge of this cut coincided with the W edge of the building and thus it was difficult to gauge if the cut was made pre or post construction of the building. The nature of the cut may be twofold, one that it may have provided material for the construction of the building as it was cut through very sandy silt and secondly it would have provided a drainage channel along this side of the building.



Structure 3, external sondage showing cut [153]

Forming within the cut was a dark brown silt [120] with moderate charcoal flecking, suggesting this was dump derived. This deposit was sealed by a dump or levelling deposit of gravely sand and rubble [119], effectively providing a rough surface on the external side of the building. The beginnings of a more formal surface [157] could be seen at the SW edge of the trench suggesting the edge of paving possibly near the entrance, although this remains speculation. A thin dark grey silt layer [116] survived over this possible surface which produced a few iron nails or rivets. Sealing [116] and [119] was a relatively clean deposit of red brown sandy silt [118], which may be the remnants of a horticultural soil. This soil is then partially overlain by the resultant rubble from the robbing/demolition of the building recorded as deposit [115].

4.2 Trench 10.

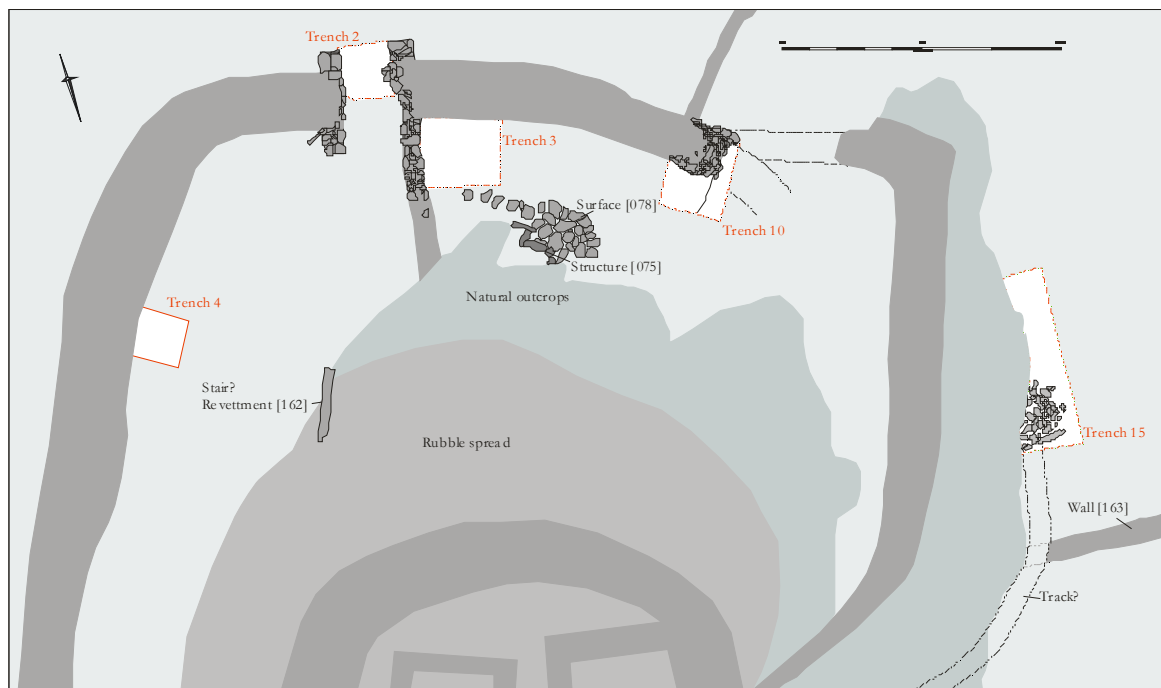


Figure 6: Lower Enclosure N end

This Trench offered the opportunity to examine an area where the lower enclosure wall had been extensively robbed and possibly afford the examination of structural development of the enclosure wall *vis a vis* internal surfaces/soils. The Trench revealed that a relatively deep and complex sequence of deposits had built up in this area and this suggests that similarly deep sequences of deposits are likely to be encountered to the E and S.

The earliest deposits were revealed within a narrow sondage excavated at the E of the Trench where the absence of the robbed enclosure wall allowed these to be examined (Figure 7). The lowest deposit was [164] which appeared as a band of rubble that may represent the footings of the original enclosure wall although this interpretation has to be treated with caution given the limited exposure of this deposit in the trench. This wall or rubble was sealed by a mixed sand and midden deposit [106] which suggested occupational dumping over an already disturbed or robbed wall. This in turn was overlain by a dump of stones [113] that sloped from S to N and possibly represents an attempt at levelling across this area of the site.

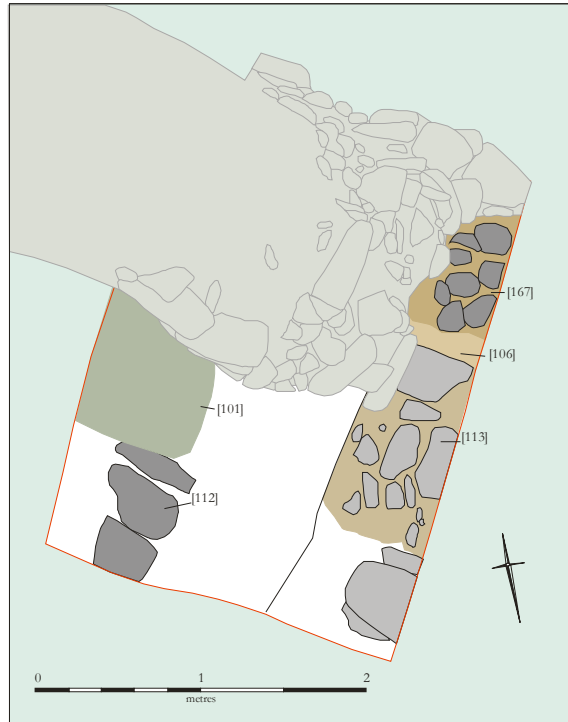


Figure 7: Trench 10 Early Deposits



Trench 10, Sondage through lower deposits

Over this rubble was a dark accumulation of midden material [103], this relatively rich in bone. Another dump of mixed midden and stones [088]/[102] again suggests an attempt at levelling this area, possibly prior to the construction of what may be a hearth setting [112]. This was comprised of three horizontally lain stone slabs, although none of these showed obvious signs of burning. Partially covering this setting and extending to the N was an accumulation of ash/charcoal [101] which contained relatively high quantities of bone, the deposit perhaps associated with the use of stone setting [112]. Possibly also contemporary was a post setting at

the very SE of the trench [099]/[100] suggesting at least some form of timber structure. At this point the lower enclosure wall [158] was built and constructed directly onto earlier accumulations that sloped down distinctly from S to N. In order to provide stable/level footings on the N face larger stones were packed on edge stabilising and levelling out the slope and uneven ground on this side. The wall to meet the upstanding E wall of the enclosure would be expected to head in that direction, however its alignment suggests that it was heading SE. If the walls did co-join then the surviving remains suggest the wall had a distinct curve or kink along its remaining N length, or it is possible the wall is respecting some other configuration subsequently masked by later robbing. Once the wall was constructed its internal wall face was sealed by a mixed dump of sand and midden material [098]. Set into this deposit was a rectangular stone hearth [095] this containing a burnt ash/charcoal fill [094] (Figure 8).

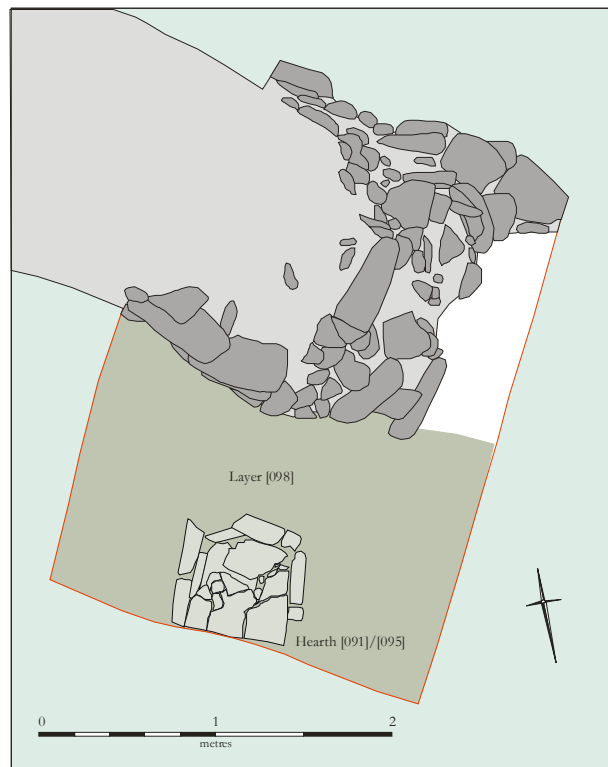


Figure 8: Enclosure wall and hearths

The surface of the hearth was subsequently raised by the incorporation of a thin schist slab [091] set within the raised sides of the hearth (the stone subsequently broken and slumped). The upper schist slab displayed no sign of burning but was overlain by a deposit of ash/charcoal [150] indicating its use as a fire setting. This later hearth was then sealed by an accumulation of midden/occupation material [090] in turn sealed by another occupation deposit [089]. These deposits were sealed by a dump of stone and sandy silt [087] the upper extent of this forming a rough cobbled surface, which was likely contemporary with three post settings [083]/[084], [085]/[086] and [096]/[097] (Figure 9). The posts again indicate the likely presence of a post built structure in this area of the site. The posts and cobbled surface are then sealed by another occupation or midden deposit [082]. Deposit [082] is cut into by the reconstruction of the facing of the enclosure wall (wall [152]) and it is possible this equates to the rebuild of the wall and the modification of the lower enclosure entrance seen in Trench 3 last year, although given the distance between the two trenches this has to be speculation at the moment. The rebuilt wall face is then sealed by what is likely a floor make up [081] in turn

sealed by another occupation accumulation [074]. Externally two deposits were seen lying over the foundations of the wall, [078] and above this [077] although these were very limited in extent. Both internal and external deposits are then disturbed by the robbing cut of the enclosure wall [080] although this and its fill [079] were hard to discern from the surrounding topsoil [073] which sealed the whole trench.

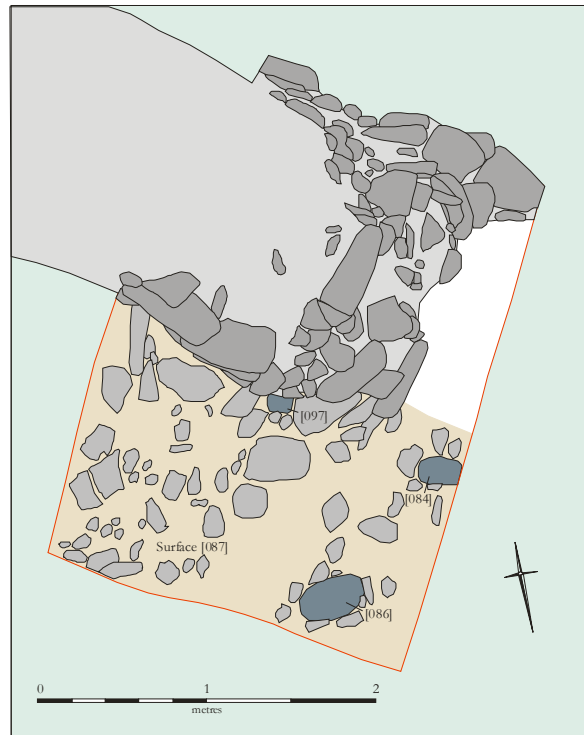
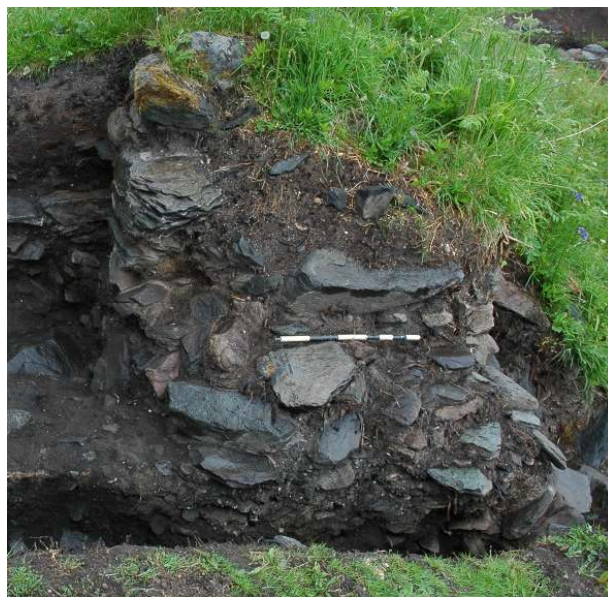


Figure 9: Enclosure wall and Surface



Robbed lower enclosure wall

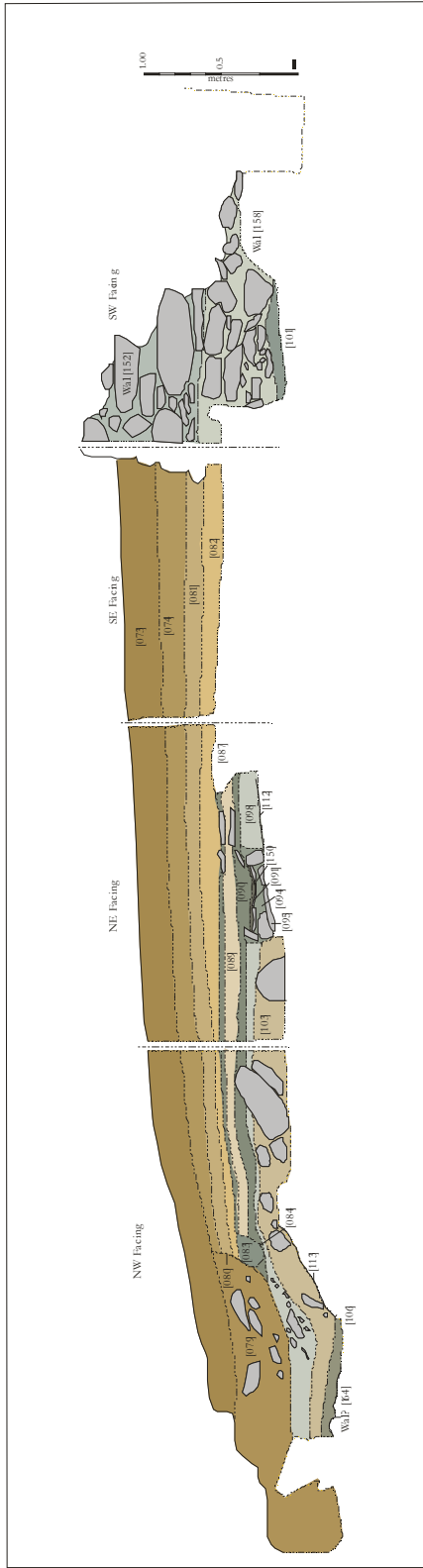


Figure 10: Trench 10 Sections

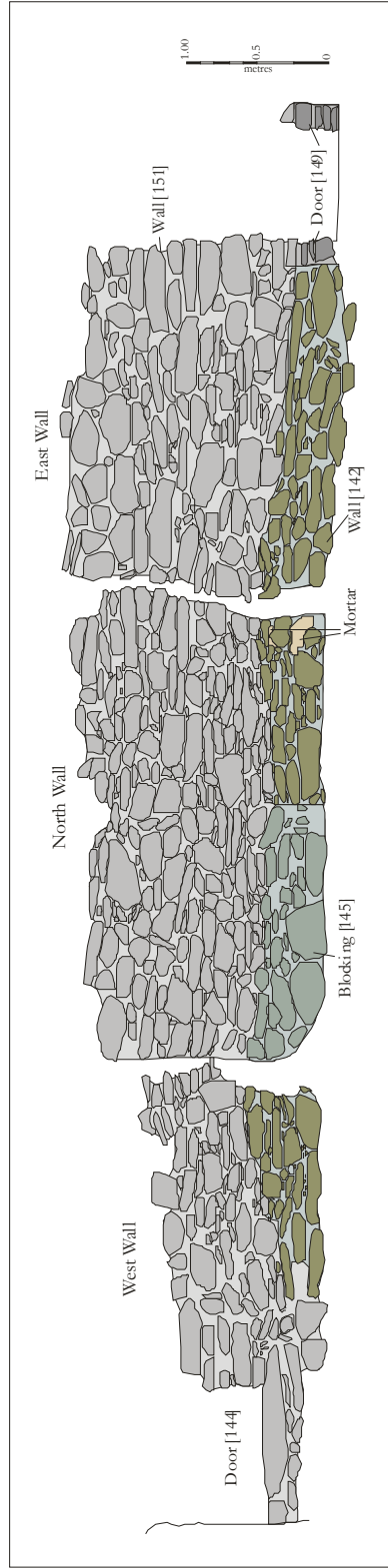


Figure 11: Structure 1N end elevations

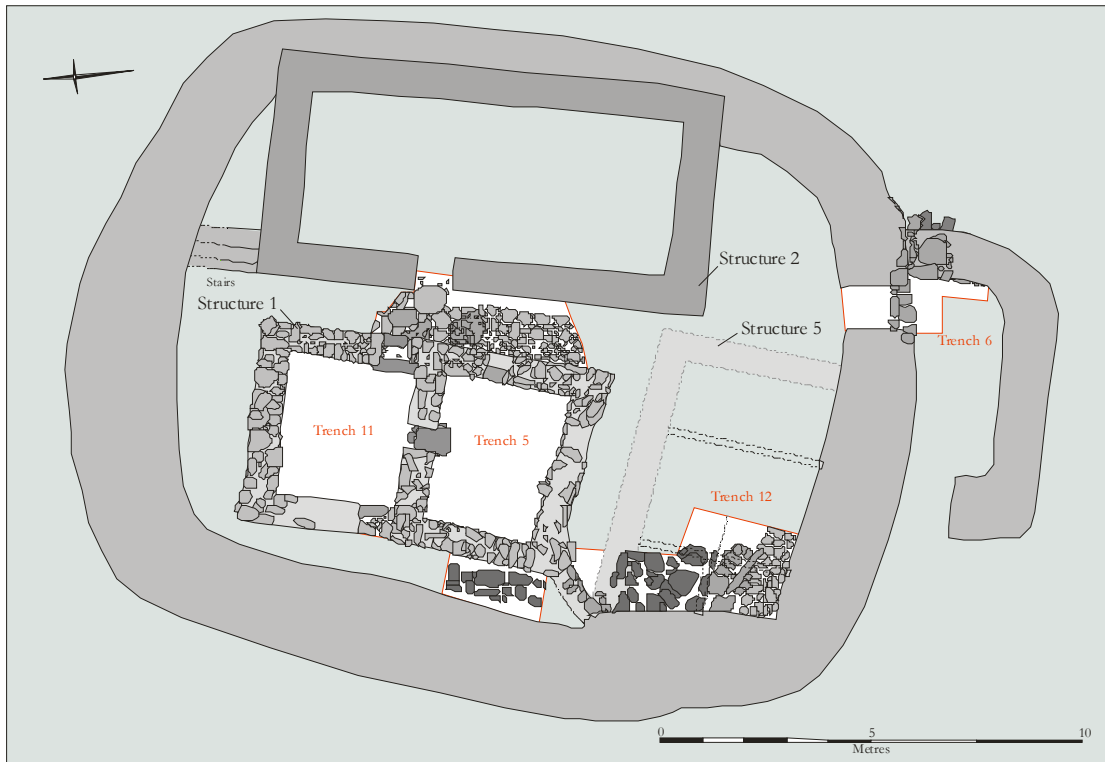


Figure 12: Upper Enclosure

4.3 Trench 11, Structure 1

This trench examined the N half of Structure 1 and the area or ‘corridor’ between Structures 1 and 2. This followed on from the excavation of the S half of the building in 2012



Figure 13: Pre Structure 1 Features

Pre-Structure 1 Features

The excavation revealed a similar sequence of events uncovered in the S half of the building and similarly showed that the walls of Structure 1 had been constructed over a mixed rubble and midden deposit [200] which contained a roughly oval grouping of stones set on edge, suggesting deliberate consolidation of uneven ground. Also running under the N wall of the structure was hearth setting [161] (Figure 13). The presence of this hearth setting possibly indicates an earlier, albeit disturbed, structure lying below Structure 1, or an earlier version of it.

The early walls of Structure 1 [142] suggest the building in its original form was rectangular and measured 8.20m by 5.0m externally with an entrance on the E side, the threshold stone [148] likely belonging to this early phase of the building (Figure 14).



Structure 1 N, Pre structure and early features

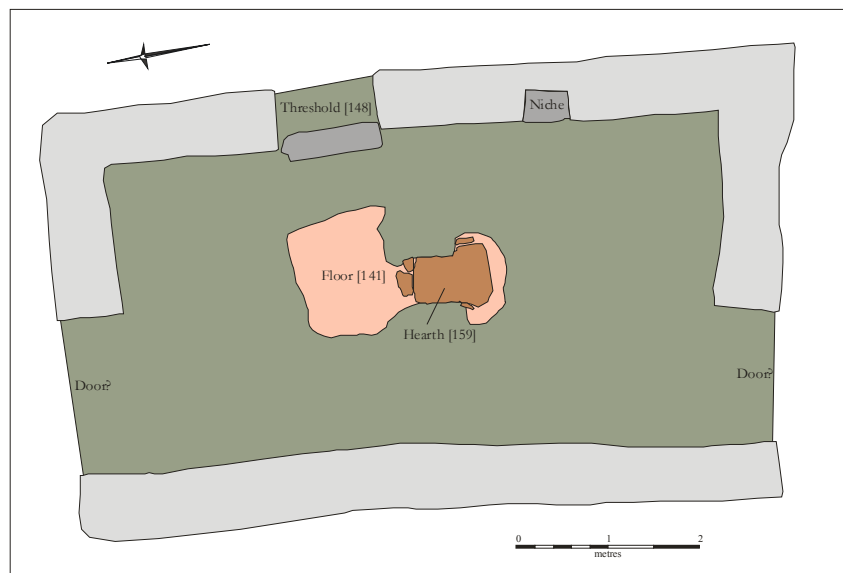


Figure 14: Structure 1 Early Features

Remnants of mortar render were present on the internal NE corner of the early wall (Figure 15). A stone hearth [159] lies in the centre of the building surrounded by floor [141] (this

equating to [043] in the S room). The lower stonework of the N wall showed that an entrance or access to an additional space had been blocked, while re-examination of the stonework recorded in the opposing S wall suggested this had also been blocked, although without the clearer evidence from the this year, this blocking in the S stonework would have remained hard to discern. Whether these represented original entrances to the building or gave access to additional rooms, cannot be answered without further excavation, although the restricted space especially at the N perhaps points towards the latter interpretation.

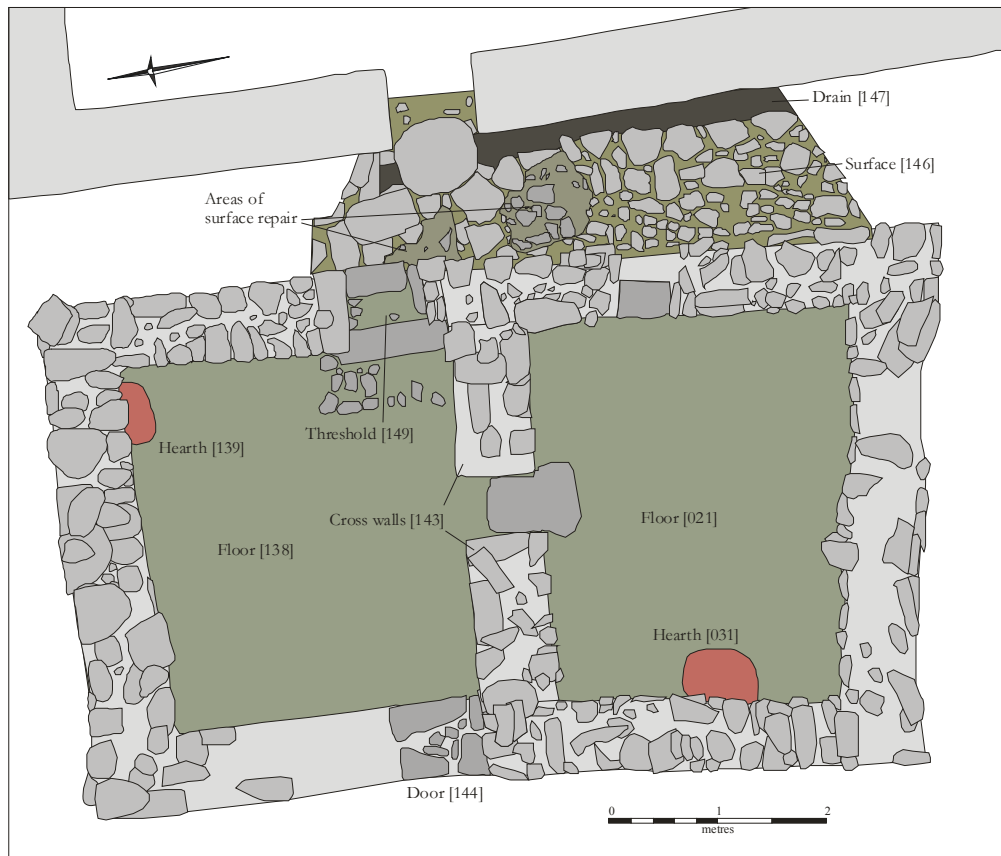


Figure 15: Structure 1 Late Features

The building was then divided by the addition of central cross-walls [143] that partially cut through the lower floor and hearth (Figure 14). The cross-walls effectively divided the building into N and S rooms, these connected by a centrally positioned door measuring 0.70m wide, reusing the central hearth stone as a threshold stone. The cross-walls are then sealed by floor deposit [140] this in turn sealed by a more substantial midden/floor deposit [138] (these respectively equivalent to deposits [032] and [021] from the S room). An area of burning [139] was also in evidence against the NE wall suggesting a hearth position similar to that seen against the W wall of the S room (hearth [031]). The entrances in the N and S walls are then blocked by stonework [145] and it is possible that the addition of an entrance [144] to the W also occurred at this time. As suspected, the upper walls of the S room [151] appear to be a late addition or rebuild with inferior stonework and drystone construction and standing up to 1.40m high over the lower wall build. This later build also likely corresponds to the narrowing of the E doorway with modification [149]. Thereafter the building may have been on the decline as perhaps seen with the formation of rubble and trample accumulation [109], this sealed by a layer of more substantial rubble [108].

The 'corridor'

Situated to the E of Structure 1 and linking it to Structure 2 was cobbled surface [146] with a drain [147] running down its E side between the surface and the W wall of Structure 2. Where the drain crossed outside the entrance of Structure 2 a large block of schist had been utilised to bridge the drain. Beyond this to the N the corridor between the two buildings narrows and here the drain appears to have been covered by the flag/cobble surface that appeared to continue N beyond the limit of excavation. The surface of the corridor was constructed mainly with water rounded stones, the largest edging the side of the drain at the E. The stones were set into a sandy silt and gravel matrix, the surface showing some signs of wear and repair, where patches of clay and additional stones have been used to level uneven spots.



Corridor Surface

The surface obviously post-dates the construction both Structures 1 and 2 but when it was constructed in its latest form is unknown. The drain itself was filled with a dark brown silt [123], which included bone, pot and iron objects, some of the latter possibly door fittings. The recovered pottery was all from one vessel (a small drinking vessel) the sherds scattered along the drain length. This lower fill was sealed by upper fill [122]. A dark grey silt [117] then formed over the surfaces and around the doors of both structures. This and the surface to the S was then sealed by a dark brown peaty accumulation [111] with occasional horizontally lain stones which suggest the corridor was still being utilised as this deposit formed. This is then sealed by the collapse or likely the demolition of the W wall of Structure 2 or its sudden collapse as suggested by the wall rubble in the corridor space, which still retained its original courses. The wall may have been pushed over deliberately during the extensive robbing of Structure 2 which appears to have taken place, especially along its E side. While the absence of walling along this side of the Structure may be due to collapse it seems more likely it is due to systematic robbing of the wall material, this also applying the dun wall on this side. This may also explain the 'heaped' rubble that is to be found at the foot of the escarpment on which the dun sits, the stones appearing to have been deliberately gathered and heaped, but not ultimately transported for reuse.

4.4 Trench 12

Early Deposits

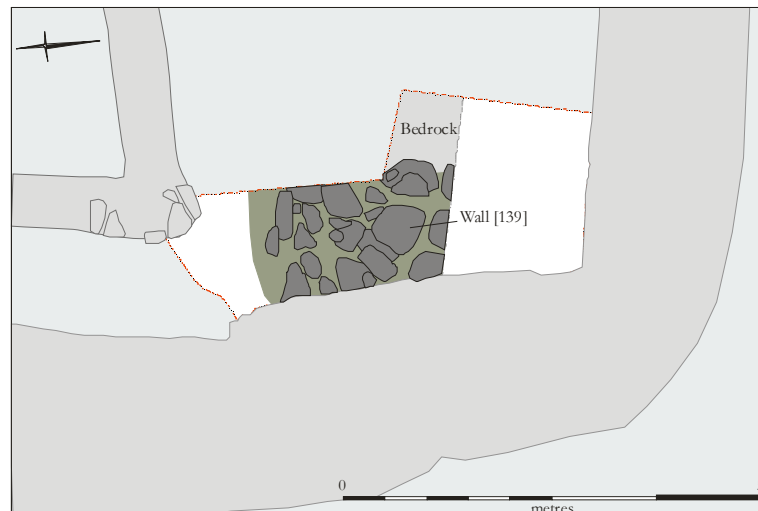


Figure 16: Trench 12, early features

Natural bedrock was located within a sondage at the SE of the trench, this sloping down from the SE to the NW (Figure 16). Over this was a band of rubble or large stones [139] that became more organised at its W extent and may represent remnants of the original Dun wall, part of which was seen in last year's excavation trench at the N. The deposit lying to the E of this possible wall was a dark gray silt with frequent charcoal inclusions and likely represents an occupation accumulation. To the W of this the possible wall stones are sealed by an accumulation of sandy silt [136], which must have formed after the wall had been robbed or gone out of use.

Structure 5

Lying over deposit [136] and possibly cut into it was a levelling dump [133] that thickened increasingly to the NW, where it contained quantities of large stone blocks. That this was perhaps dumped rapidly is suggested by numerous voids seen within the material. This has been interpreted as a preconstruction dump/levelling for the construction of the walls of Structure 5 [134]. The W and S walls of this structure are relatively well preserved, while the disturbed edge of the E wall could also be traced. These suggested a rectangular building measuring 5.80m by 3.80m internally and constructed within and re-using the original dun walls. Within the trench two cruck-slots could be seen within the upstanding walls, one within the S wall with a second (later blocked) slot in W wall, the later possibly suggesting the structure had a hipped roof in its original form (Figure 17). A third cruck-slot was located to the E of the trench after vegetation was cleared from against the wall face.



Structure 5 N facing wall with two cruck-slots

Once constructed a series of floor deposits accumulated within the walls of the structure, these respectively [132], [130] and [129] the later displaying signs of burning or likely indicating a hearth position [128]. Sealing this is floor [127] with evidence of burning [126] in a similar position to [128] below.

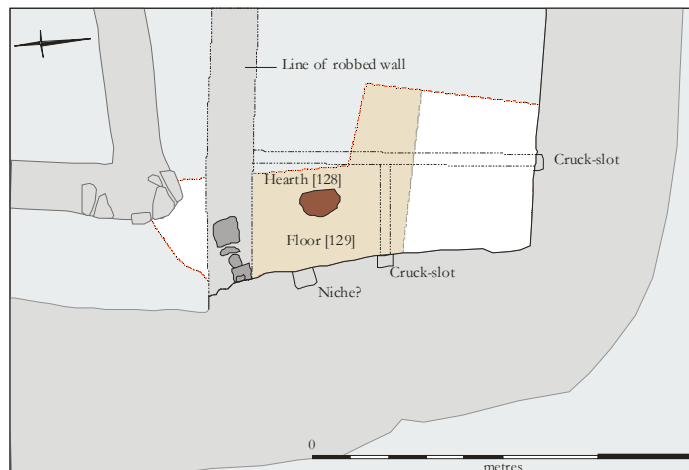


Figure 17: Structure 5 early floor and cruck positions

At this point it appears the N wall of the building is dismantled, probably due to the construction of Structure 1 to the N and a new wall [131] built (Figure 18). This new wall is constructed between the NW corner of Structure 5 and the SW corner of Structure 1. The cruck-slot in the W wall of the building may also have been blocked at this point. Thereafter a series of floors continue to accumulate within the rearranged building. The first of these was peat/turf floor [125] which had an associated burned charcoal accumulation [124] situated against wall [131] which also showed signs of burning. Above this was another floor accumulation [114], which showed some signs of scorching but little charcoal remained to definitively suggest a hearth position.

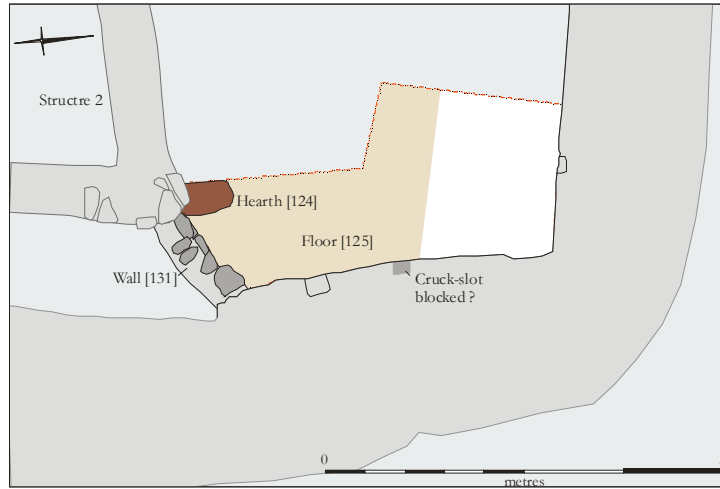


Figure 18: Structure 5 alterations

Possibly contemporary with floor [114], or built just after it was laid, was wall [104] and associated cobbled surface [105] (Figure 19). These occupied the SW corner of Structure 5, this smaller building measuring 0.90m-1.0m in width. No associated artefacts were recovered from this later building to suggest its function.

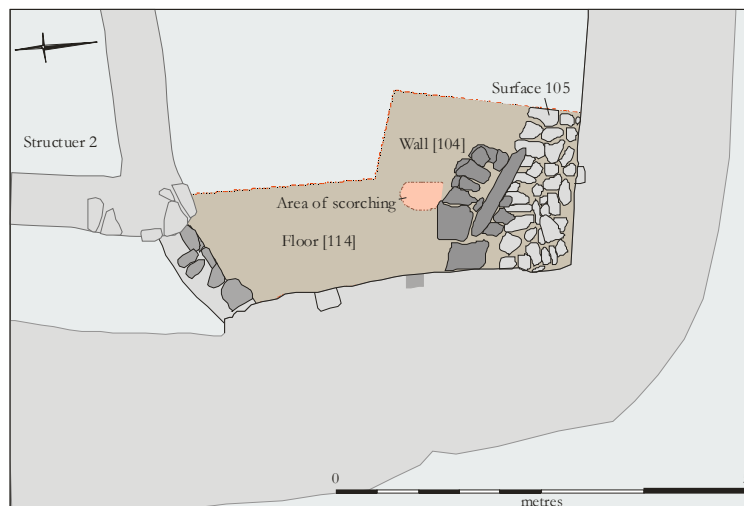


Figure 19: Structure 5 late-use

The wall of this small structure eventually collapsed to the S, it and the floor sealed by a deposit of homogenous peaty silt [093]/[107]. This was unlikely to be a floor despite its similarity to the floor deposits lying below and it may represent a combination of collapsed turf walling and roofing. Over this lay wall/rubble collapse [092] and topsoil.

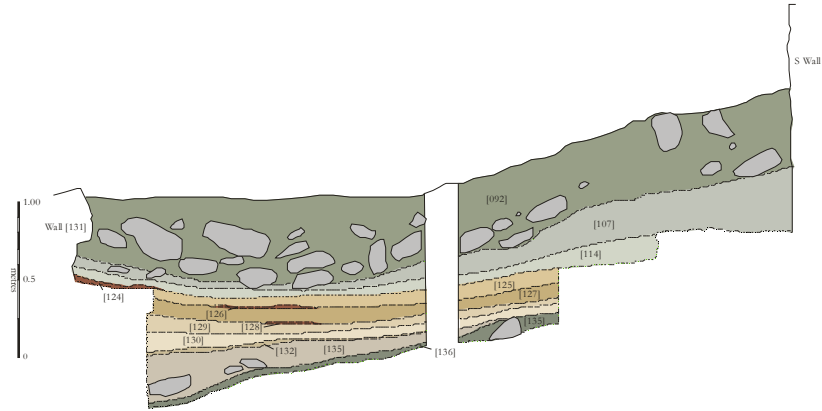


Figure 20: Trench 12 W facing section

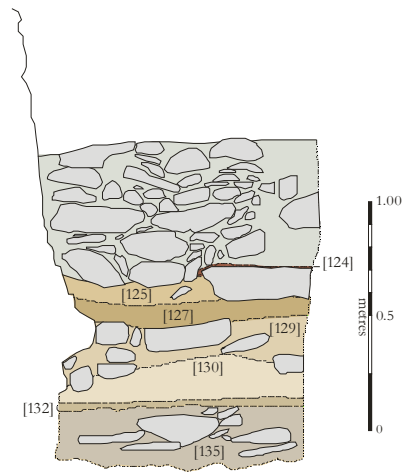


Figure 21: Trench 12 S facing section

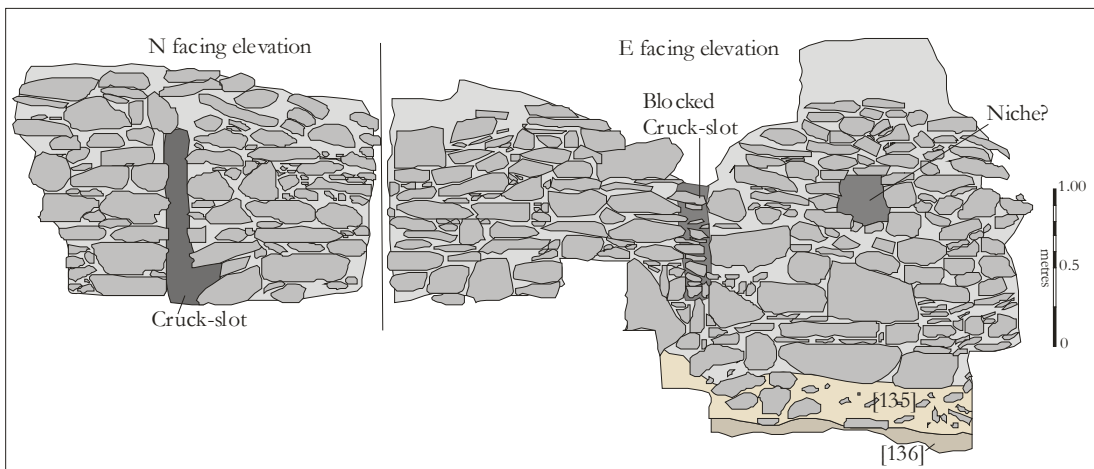


Figure 22: Structure 5 wall elevations

4.5 Trench 13 & 14, Structure 6

This trench was opened across the W half of a relatively level terrace that what was thought to contain a possible structure, and de-turfing quickly revealed this was the case. The building, Structure 6, was constructed between two natural escarpments at the E and W. The W escarpment effectively forms the W side of the building with walls [175], [176] and [195] respectively forming the S, N and E walls (Figure 23). The E wall also incorporates an undulating natural ridge on this side of the building. Overall the building measured long c.6.5m and wide 4.0m internally.

While not fully revealed it would appear that some quarrying and ground preparation may have taken place prior to the construction of the building. Along the N edge of the escarpment natural silts appear to have been excavated away, possibly due to quarrying. Elsewhere the natural limestone and glacial silts are sealed by a deposit of silty sand [196], which underlay the S wall of the structure [175]. The N wall [176] overlaid deposit of large stones [199] that may have been dumped to level out the effects of quarrying on this side.

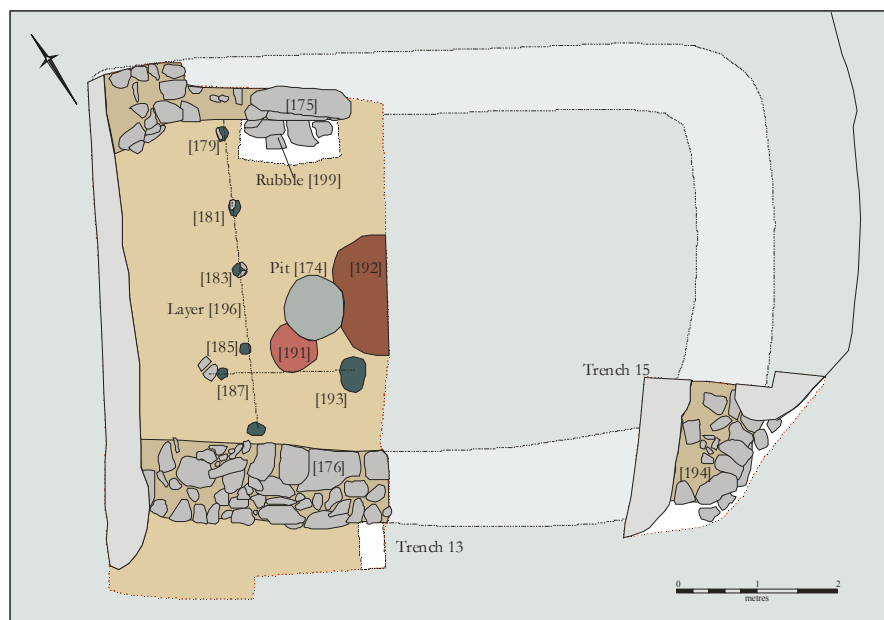


Figure 23: Structure 6 early phase

The early building had a centrally placed hearth [192], while an area of circular scorching to the W, [191], suggests another hearth or cooking area. A thin occupation deposit [190] survived over and around the hearth area, this mainly ash rake-out with inclusions of burnt bone. These hearths are cut by a shallow pit [174] whose function remains unclear.

Two post alignments are suggested within this early occupation phase with posts [193] and [187] possibly indicating a roof support or internal division. More convincing and running parallel to the natural rock that forms the W side of the building was a row of posts; [179], [181], [183], [185] and [187].



Figure 24: Structure 6, hearths and post alignment

The building would then appear to have undergone a destructive fire that engulfed the roof of the building whose collapse was evidenced by an extensive burnt deposit [172].



Burnt deposit [172] partially exposed

The main roofing elements appear to have been heather overlain by turf, some of which had been vitrified, which perhaps indicates the intensity of the blaze. Some of the roofing material especially along the W edge of the structure must have been sealed quickly by the collapse of the roof as the organic elements were particularly well preserved, being carbonised as charcoal. The fire, while intense, may not have consumed all the structural elements within the building as few larger carbonised timbers were present; any more substantial structural elements must have either been removed after the fire or possibly rotted where they fell, leaving no trace. The former scenario seems perhaps more likely given that the walls of the building are refaced with a lining of orthostats [195] and a new floor lain within the structure [171] (Figure 24).

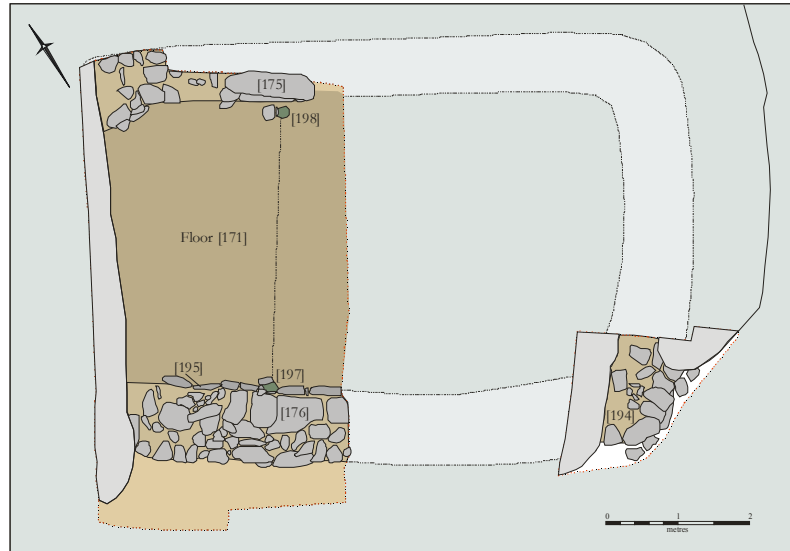


Figure 24: Structure 6, later phase

An internal division is also suggested by what are likely the bases of two opposing posts or crucks [197] and [198] positioned along the N and S walls. No hearth was located in this later construction phase, and it is possible the building was no longer used as a habitation. Thereafter the building goes into decline with rubble and turf deposit [170] forming over the floors and walls of the now abandoned building.

4.6 Trench 15, the Midden

This Trench was opened over an area extensive of midden that had formed at the base of the cliff directly below the lower enclosure walls on the E side of the escarpment, where inhabitants of the settlement may have thrown their rubbish. The midden came to light by chance, where moles had thrown up a number of animal bones and shells, these within a very dark soil.

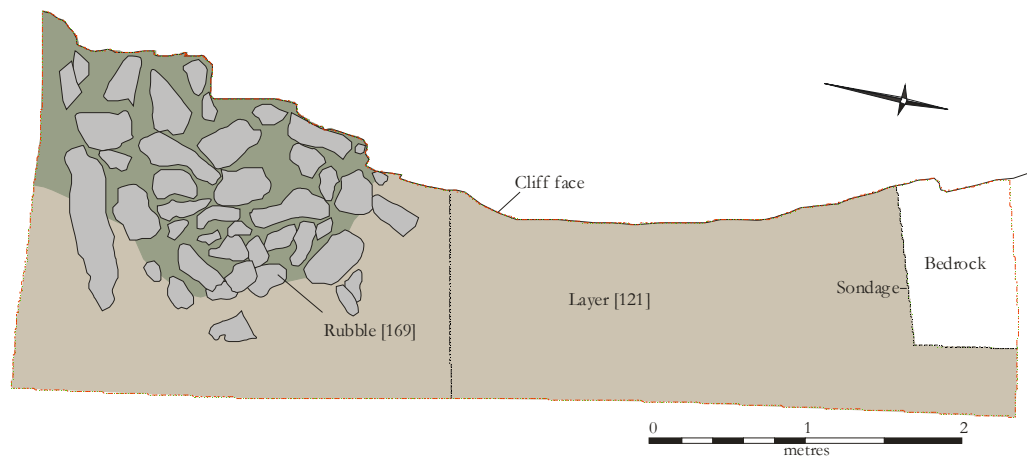


Figure 25: Trench 15

A small sondage was excavated through the midden at the N of the trench against the face of the natural escarpment in order to gain an insight into its depth and sequence. Bedrock was reached at between 0.32 and 0.42m below the present ground surface. This was directly sealed by primary midden deposit [168] which suggested little soil existed prior to the formation of the midden. The basal deposit was sealed by successive midden deposits [167] and [121] which were all similar in nature although slightly different in colour. The nature of the deposits suggested some trampling had taken place particularly on the upper extent of [168] where fragments of schist were relatively more common. Part of the upper midden deposit [121] was removed across the trench and this partially overlaid a rubble accumulation [169]. This rubble may represent no more than collapse or demolition of the upper walls of the enclosure walls above, but near the cliff face it appeared more organised, which may be a deliberate attempt at creating rough steps leading up the cliff face to the enclosures. The rubble and the upper midden were sealed by an accumulation of what would appear to be mixed midden and humic/organic build up [166] this thickening substantially from N to S being as much as 0.35m deep at the S end of the trench.

5. The Artefacts

A full list of recovered artefacts appears in Appendix 3 the totals and text below combining the results of both phases of excavation..

Pottery

64 sherds of pottery have been recovered from the site. These include Scottish white gritty (dated to the 12th/13th century George Haggarty *pers. comm.*). Other glazed wares were also present, these likely dating between the 14th and 17th centuries. Several pottery sherds with a coarse pink fabric along with dark brown burnished wares likely belong to earlier period, but were recovered from medieval or later deposits. Two other ceramic fragments were recovered from the site, one from [042] may be a mould fragment, while a possible crucible fragment was recovered from occupation deposit [010], both indicating metal working on the site.

Tobacco Pipe

14 clay tobacco pipe fragments have so far been recovered, all of these stems with one a glazed mouth piece.

Iron

72 iron objects or fragments of iron were recovered from the excavation. All were corroded and majority of the recognisable objects appear to be nails, many of these with an attached diamond shaped roves. Other fittings such as hinges and a possible latch were also present along with several tools. The latter included two near complete knives and several blade fragments, a sickle and a possible chisel. Several pins were also recovered along with a possible decorative piece or fitting that may represent a trefoil or claw? A large iron shackle was recovered from a later deposit in Trench 10 while a key was appropriately recovered from an accumulation deposit around the entrances of Structures 1 and 2.

Cu alloy

Two copper alloy objects were recovered, one being a two penny piece or 'Turner' from the reign of Charles I dated 1642-50, the only Scottish coin produced during the civil war period. The other copper fragment was a thin sheet which may be the degraded remains of another coin or jetton.

Slag

73 fragments of slag have so far been recovered including what may be a smithy base, the majority of fragments likely representing iron working waste.

Glass

All but 1 of the 10 glass fragments were recovered from occupation deposits associated with Structure 1. These appear to have come from several vessels, one the top of a pewter capped case bottle and another possibly the base of a wine or claret glass. One vessel fragment is associated with the late use of Structure 5.

Bone

Over 7,000 (7,404) pieces of bone have been recovered from the site. Over 36% (2,701) of these were recovered from the large midden accumulation below the dun (deposits [121], [166], [167] & [168]). Another large assemblage of bones (over 28% of the total) was recovered from the series of occupation dumps in Trench 10. A third significant assemblage of bone (1,012 pieces) was recovered from use deposits associated with Structure 1. On the whole the bone was very well preserved, displaying signs of butchery and animal predation, with some burnt bone indicating cooking. Several pieces displayed signs of working or utilisation including two small carved bone handles and two pieces that may have been utilised as large points or pin beaters.

Shell

In total 659 mollusc shells were recovered and, like the bone, the majority came from occupation or midden deposits, indicating the consumption of shellfish on the site, hardly surprising given the proximity of the sea. Within the assemblage oyster predominates, followed by mussel, periwinkle, limpet, cockle, razor clam and clam.

Stone

The possible utilised stone are mainly pebbles or smooth stones brought onto site and possibly utilised in a variety of ways, as hones, slick-stones or smoothers.

Flint

19 flint fragments have been recovered. Some, while undoubtedly prehistoric in origin, show signs of later use while some are not worked to any skilled degree, suggesting perhaps a late usage.

Canal Coal

A fragment of a roughed out bangle was recovered from the late midden deposit [121]

Building Materials

Lime mortar samples were recovered from several contexts.

6. Discussion

The upper enclosure

Within the upper enclosure the earliest deposits encountered during this year's excavation lay within Trench 12. Lying just above bedrock were what may be the disturbed remains of a wall and likely an associated occupation deposit. The wall remains possibly relate to the early wall seen to the N in last year's excavation. A period of abandonment is perhaps suggested by a soil accumulation forming above the disturbed or collapsed wall. After that a large rubble deposit is deposited in this part of the site, perhaps with a view to levelling the area prior to the construction of Structure 5, the walls of which lay directly over the dump. The thick walls of Structure 5 at the S and W suggest the reuse of earlier structural material in its construction. Three cruck-slots were located in the surviving walls, the single cruck-slot in the W wall suggesting the building had a hipped roof. Within the W end of this structure as seen within the trench, a series of earthen floors and associated burning /ash deposits accumulate. At some point the N wall of this building was demolished or realigned to incorporate the construction of Structures 1 and 2. Similar earthen floors continued to be laid within the modified building before a smaller structure, possibly a storehouse, was constructed in the SW corner prior to the abandonment and subsequent collapse of the building.

The excavation the N half of Structure 1 in Trench 11 showed, as with the excavation of the S half of the building last year, that it was constructed over earlier occupation deposits, as evidenced by dumping and the presence of what is likely a hearth setting lying under the walls of the building. The excavation also showed more clearly that Structure 1 had undergone many alterations and had been extensively rebuilt over time.

The excavation of the 'corridor' lying between Structures 1 and 2 revealed a well built cobbled surface with a drain running down one side. The drain itself appeared to be covered by a flag surface at its N end and the pottery and glass that had found their way into the drain again suggested the last occupation of the structures likely date to the mid 17th century.

The Lower Enclosure

Trench 10, positioned over a robbed out section of the wall of the lower enclosure, revealed a complicated and deep stratigraphic sequence suggesting several discrete occupation phases. The natural bedrock was not encountered within the trench the earliest deposit uncovered, being a band of rubble that may represent the remains of an early wall alignment, although the limited exposure of this deposit makes this far from certain. Thereafter a series of levelling, dumps and middens accumulate over this putative wall. Over these was what may be the first in a series of stone hearths and associated use deposits, which may indicate the presence of structures occupying this part of the lower enclosure. These deposits are then overlain by an early phase of the surviving enclosure wall, this associated with a series of occupation deposits that included two hearth phases, again suggesting structures occupying this part of the site. Sealing the hearths and associated occupation deposits was a rough cobbled surface with associated post holes respecting enclosure wall. The posts are indications of a wooden structure built against the wall and could either belong to a building or may be the supports for a platform running along the wall. The inner wall of the enclosure is then rebuilt and this rebuild may relate to the modification of the enclosure entrance in last year's excavation. Respecting this later wall face were the last in a series of occupation deposits in this part of the site before the wall is then extensively robbed.

Extramural Activity

In Trench 9 outside the enclosure we also explored the N end of Structure 3 and frustratingly, despite confirming the size and shape of the building, neither the associated internal floors nor the external deposits produced any readily datable artefacts.

Trenches 13 and 14 were placed over a suspected building lying to the N of Structure 3. The excavation showed that the building had stone footings, these probably overlain by a turf and stone superstructure. Two hearth positions were uncovered, belonging to the early phase of the building, indicating its use as a domestic structure, while post alignments suggested internal divisions or roof supports. At some point the building caught fire, the collapsed roofing material being particularly well preserved as carbonised remains of what on first inspection looks like heather thatch (although this needs to be confirmed by specialist analysis), which was overlain by turf, some of which had actually vitrified in the heat of the fire. The building however was not abandoned after the fire, with the walls being refaced and a new earth floor laid. Few datable artefacts were recovered from the excavated features of this building, although the one pottery sherd recovered is likely medieval.

The discovery of a canal coal bangle rough-out within a mole hill situated just above the shore and lying directly below the E end of the lower enclosure, led to the excavation of Trench 15, which revealed the presence of an extensive midden area as well as what may have been footings for rough steps leading up to the enclosures above. Tobacco pipe stems were recovered from the upper midden material, suggesting a post medieval date for its accumulation, although no readily datable artefacts were recovered from the lowest midden deposits.

7. References

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Appendix 1: Context Descriptions

[073] Layer. Dark grey brown silty loam, includes frequent roots and pea grit occasional bone, iron object and pot.

[074] Layer. Dark grey brown silty loam, includes occasional schist fragment, bone (some burnt) and iron object.

[075] Structure. Rectangular twinning pen with tumbled schist slabs (largest 0.35m x 0.35m x 0.20m) forming two sides of structure the other sides formed by the natural rock scarp at S and W. Overall the structure measures 1.60m long and between 0.60m-1.00m wide with walls standing up to 0.35m high.



Structure [075] and surface [078]

[076] Layer. Dark brown sandy silt.

[077] Layer. Dark grey loam, includes occasional loose stone and mortar.

[078] Surface. Horizontally lain schist slabs (largest 0.86m x 0.40m) forming paved area around structure [070]. The surface measures 2.83m E/W by 1.80m N/S.

[079] Layer. Dark brown silty loam with frequent bracken roots and occasional medium stone.

[080] Cut. Disturbance caused by robbing of enclosure wall.

[081] Layer. Mid brown sandy silt with inclusions of moderate stones, occasional charcoal and bone.

[082] Layer. Dark grey ashy loam, with yellow orange sand at the E. Includes occasional bone, pot and charcoal.

[083] Fill. Post hole fill. Loose dark brown silt, with occasional small stone.

[084] Cut. Post hole cut. Oval shaped with vertical sides and slightly rounded base, measures 0.24m by 0.21m and is 0.20m deep.

[085] Fill. Post hole fill. Mixed dark grey silt and yellow red sandy silt

[086] Cut. Post hole cut. Oval shaped cut with steep near vertical sides, measures 0.40m by 0.25m and is 0.18m deep.

[087] Surface. Layer of rough cobbles/stones utilised as surface, the stones are mainly angular and water rounded schist fragments (largest 0.40m by 0.25m).



Surface [087] and associated post holes

[088] Layer. Deposit of mid to light brown crushed schist and silty sand, includes charcoal and shell.

[089] Layer. Midden deposit, a mixture of dark grey humic silt and rubble (some with signs of burning, largest 0.41m x 0.22m x 50mm). Includes occasional bone, charcoal, flint and iron objects.

[090] Layer. Dark grey humic silt, includes frequent small to medium stones, moderate animal bones and charcoal with occasional shell.

[091] Hearth stone. Thin broken/slumped schist slab, providing floor of hearth, measures 0.60m wide and is 30mm thick.



Hearth [091]

[092] Layer. Rubble collapse from upper walls of Structure 5, within a mid brown peaty silt.

[093] Layer. Dark brown to mid yellow brown humic silt, turf wall remains?

[094] Fill. Dark grey to purple ashy silt, includes occasional charcoal and bone point.

[095] Hearth. The N end of a rectangular hearth, measuring 0.64m by 0.80m. The sides are formed by stones set on edge standing to a height between 0.10m (at N) and 0.20m (at W). The base is formed by two horizontally lain stones (the largest 0.32m wide and 60mm thick and up to 0.50m in length (where after it extended beyond LOE)).



Hearth [095]

[096] Fill. Post hole fill. Loose dark brown silt, with occasional small stone.

[097] Cut. Post hole cut. Oval shaped with vertical sides and slightly rounded base, measures 0.25m by 0.20m and is 0.21m deep.

[098] Layer. Mid brown silt, includes occasional bone, charcoal, slag and stone, has a depth between 20mm at the E and 70mm at the W.

[099] Fill. Loose mid grey brown silt, includes moderate bone, occasional charcoal and stone.

[100] Post hole setting. Not fully excavated.

[101] Layer. Dark grey ashy silt, includes frequent bone and charcoal.

[102] Layer. Loose mid grey to lighter grey mixed midden and broken schist fragments, includes occasional bone and shell these more common at N of sondage.

[103] Layer. Mid brown silty sand mixed includes frequent bone with more stones at N.

[104] Wall. E-W oriented wall enclosing small space in modified Structure 5. The wall measured 1.60m long and 0.43m wide, constructed from mainly epidiorite schist blocks with some limestone rubble. The wall stood three courses high at 0.42m and it is likely a large horizontal slab (now lying to the S) originally lay across the top, this being the largest stone measuring 1.27m x 0.42m x 0.12m.



Wall [104] and surface [105]

[105] Surface. Lying to the S and likely contemporary with wall [104] is a rough cobbled surface measuring 0.80m-0.86m wide. The stones used in the construction are mainly rounded epidiorite schist blocks (the largest 0.34m x 0.20m).

[106] Layer. Mid to dark grey/green sandy silt, includes frequent charcoal and occasional bone.

[107] Layer. Mottled dark brown to light red brown silty peat, includes rare charcoal, shell and bone.

[108] Layer. Rubble collapse within the N end of Structure 1.

[109] Layer. Lower rubble collapse within the N end of Structure 1.

[110] Layer. Rubble collapse between Structure 1 and Structure 2. Most of this appears to have derived from the W wall of Structure 1.



Wall collapse [110]

[111] Surface? Layer of dark red brown humic peat with occasional horizontal stone, includes occasional slag and bone.



Late corridor surface [111]

[112] Hearth setting? Comprises of three stones lying horizontally (1 limestone block and schist blocks the largest being 0.55m by 0.30m.



Hearth? [112]

[113] Rubble dump? Only partially revealed, this was a dump of large limestone/scist blocks that sloped down from S to N.

[114] Layer. Possible floor consisting of mid to dark brown humic silt or turf, includes rare tobacco pipe fragment and iron object, up to 10cm thick

[115] Layer. Mid red brown clayey silt with frequent bracken roots.

[116] Layer. Mid to dark grey humic silt with occasional charcoal and iron object.

[117] Layer. Dark grey silt, includes occasional bone, shell and iron object.

[118] Layer. Dark red brown silty sand, includes moderate small to medium schist and pebbles with occasional charcoal.

[119] Layer. Gravel stone dump

[120] Layer. Mid grey brown silt.

[121] Layer. Midden lying along the E face of the base of the escarpment below the lower enclosure walls. Consisting of a dark grey loam with moderate bone, occasional shell and stone. The layer is between 0.20-0.27m deep.

[122] Fill. Upper drain fill of mid to dark brown humic silt, with occasional bone

[123] Fill. Lower drain fill of dark grey silt, with occasional bone, pot, shell and iron object especially near the entrance to Structure 1.

[124] Layer. Irregular spread of charcoal measuring 0.90m by 0.90m and up to 30mm thick.



Burning [124]

[125] Layer/surface. Mixed red brown to dark brown blocky peat and humic clay silt, includes occasional stone becoming more sandy at south, up to 0.13m thick.

[126] Layer. Irregular spread of charcoal, measuring 0.57m by 0.50m and up to 15mm thick.



Burning [126]

[127] Layer. Layer/surface. Red brown to mid brown sandy silt and peagrit, includes occasional fragment of epidiorite between 50mm -0.10m thick.

[128] Layer. Irregular spread of charcoal, measuring 0.70m by 0.50m and up to 15mm thick.



Burning [128]

[129] Layer. Mid grey green silty sand, includes occasional charcoal and pot.

[130] Layer. Floor surface consisting of mixed pebbles and schist fragments with occasional mortar patches. Includes occasional charcoal and is between 15mm to 60mm thick.



Floor layer [130]

[131] Wall. Blocking wall. NE/SW aligned wall measuring 1.25m long and standing 0.74m high in 6 rough rubble built courses (largest block 0.52m by 0.14m).



Wall modification [131]

[132] Layer. Mid brown sandy silt with moderate schist fragments and occasional larger stone, traces of mortar especially near to wall and includes occasional charcoal, shell, bone and pot.

[133] Layer. Mid red brown silty sand, includes frequent schist fragments with larger stones used as levelling at N. Includes rare pot, bone and shell.

[134] Wall. Walls of Structure 5. The most completely exposed section was at the W end of the trench, the wall here forming what would have been the W gable end of the structure. This now measures 3.80m in length and stands 2.20m high. The wall is relatively well constructed with pinned courses rubble blocks, some of which may have been split to provide a vertical inner face. No evidence of mortar bonding could be seen. Situated in the centre of the wall is a blocked vertical cruck-slot measuring 0.19m-0.22m in width. There is another void

within the wall, measuring 0.26m by 0.26m and is 0.23m deep, which if deliberately built into the wall may be a storage niche or perhaps it held a constructional timber. The S wall of the building was less exposed during the excavation but this contained evidence of two further cruck-slots. Only the top of the E slot was seen, this 0.20m wide while the W slot measured 0.18m wide. Only a few stones of the N wall remained, these attached to the lower courses of the W wall. The line of the E wall could be traced for 1.8m, its full extent lying below current undergrowth/overburden.



Structure 5 East facing wall



Blocked cruck-slot



Structure 5 N Facing wall

[135] Layer. Mixed dump deposit of dark grey silt and stones (some with signs of previous burning). Includes frequent ash/charcoal and occasional shell.

[136] Layer. Mid grey brown silt, includes occasional bone shell and stone.

[137] Rubble/dun. Possible remains of original dun wall consists of closely packed large rubble blocks.



Wall? [137]

[138] Layer. Floor/dump of mixed red brown peaty clay and grey brown clay with stones especially around entrance forming rough cobbling (largest 0.44m x 0.18m x 60mm). Includes moderate bone fragments dumped within clay/peat. Some peat shows signs of previous burning up to 0.14m thick at S extent.



Layer [138]

[139] Burning. Patch of dark grey ash/charcoal sealed with a dark red sand at NE of structure, measures 0.57m by 0.35m and up to 20mm thick.



Burning [139]



Layer [140]

[140] Layer. Make up/surface consisting of mainly grey brown clayey silt with frequent gritty sand and peagrit. Includes occasional bone, pot, iron object and shell, up to 60mm thick.

[141] Layer. Surface around and N of hearth, consists of mixed brown clay and schist fragments turned red/orange or purple black through burning.



Layer [141]

[142] Wall. Original build of the N part of Structure 1. The original build of the wall could be traced on the E, N and W walls this constructed from relatively thin or flat blocks of epidiorite schist (the largest 0.45m x 0.40) these closely pinned between courses. The stones are bonded in the main by grey silty clay, although there are the remains of mortar facing or render on the lower NE corner of the wall, this a crumbly white mortar with occasional charcoal, shell and grit inclusions. The original wall stands to a height of 0.62m.



Structure 1, mortar render on wall [142]

[143] Wall/s. Cross walls. This comprises two lengths of wall centrally dividing Structure 1. The W cross-wall stands 1.15m high while the E only stands to a height of 0.40m. The cross-walls are 0.70m-0.80m in width and separated by a central doorway 0.70m in width.



Structure 1 NW Doorway [144]

[144] Wall and door. This is a rebuild to the NW wall of Structure 1 to insert a doorway in the W wall. The rebuild appeared to involve the demolition and subsequent refacing of wall [142] with the construction of a doorway. The rebuild stands 1.10m high and is constructed from randomly coursed rubble (largest stone (the 'threshold stone') measured 1.00 x 0.26m x 0.12m. The doorway measured 0.78m wide.

[145] Wall. Blocking of entrance/access. The blocking comprises large stones lain along base/foundation (the largest stone 0.40m x 0.30m) with brown clay/silt bonded rubble stonework above, overall measuring 0.63m high and 1.73m wide. The blocking steps out from the original wall base by 0.15m-0.20m.



Structure 1, N wall and blocking [145]

[146] Surface. Cobbled surface running between Structure 1 and 2. This measured 1.0m-1.20m wide narrowing towards the N. The surface is edged on the E by a row of large water rounded stones (largest 0.40m x 0.34m x 0.20m). The original surface stones are set in a mid grey sand, with frequent small schist fragments and peagrit. Later repair consists of patches of levelling stones set in a dark brown peaty clay. Part of the surface consists of a large oval bridging stone leading into the entrance of Structure 2 this measuring 0.80m x 0.70m x 0.12m.



Corridor surface [146] and Drain [147]

[147] Drain. The drain is formed by a gap between the E edge of surface [146] and the W wall of Structure 2. The drain slopes down from S to N and is between 0.15m-0.20m deep and 0.22m-0.24m in width. The drain appears to be covered by a flagstone surface at the N of the entrance into Structure 2.

[148] Threshold. The earlier entrance into Structure 1 which was 1.10m wide and a threshold stone lying on the W side of the E entrance. The stone measure 1.10m x 0.30m x 60mm.



Structure 1 Threshold

[149] Threshold. Later adjustment to the entrance of Structure 1. The doorway is narrowed to 0.70m with the addition/rebuilding of the door sides and the addition of a threshold slab on the E side of the doorway, this measuring 0.60m by 0.28m.

[150] Layer. Dark grey silty ash and charcoal.

[151] Wall. Drystone wall forming a late rebuild to the N and E walls of Structure 1. The wall is constructed in randomly coursed rubble and stands 1.42m above the original wall build [142].

[152] Wall. Rebuild to lower enclosure wall [158]. The rebuild stands 0.70m high in 4 rubble built courses.



Lower enclosure wall internal face

[153] Cut. Linear NE/SW oriented cut running down the W side of Structure 3. Steep concave side with a relatively flat base measuring 0.26m deep.

[154] Layer. Floor surface of mid orange brown clay with signs of ash and burning on its upper surface.

[155] Layer. Floor make up of mid brown gravel, schist and peagrit.



Structure 3, wall [156] and surface [157]

[156] Wall. NW corner of Structure 3. Constructed mainly of mixed blocks of limestone, schist and quartz (largest 0.60m x 0.40m x 0.30m) within orange brown sandy silt and occasional evidence of blue grey clay bonding. Measures up to 1.13m wide and stand up to 2 courses 0.36m high.

[157] Surface. Area of horizontally lain slabs of schist that may represent more formal paving around the possible doorway to Structure 3.

[158] Wall. Footings and superstructure of lower enclosure wall. Footings on the N step out 0.35m from the outer wall face the stones packed at angles between hollows standing 0.60m high. Above the footings the outer facing of the wall is rubble built and stands 0.50m high (largest stone 0.7m x 0.25m x 0.25m). The inner face is also rubble built and stands 0.35m high in 3 courses. The wall measures 1.50m-1.60m wide and the packing material between the stones is sandy schist material and schist fragments.



Lower enclosure wall [158] external face



Hearth [159]

[159] Hearth. Centrally placed hearth within Structure 1. Consists of large horizontally lain slab of schist measuring 0.80m by 0.74m this fire reddened. The central stone is surrounded by several smaller schist slabs that may have also formed the original setting but these are disturbed by later activity.

[160] Wall. W wall of Structure 2. Only partially revealed, the wall is constructed in pinned rubble courses and stands 0.82m high in 4 courses. The door is centrally placed and is 0.93m wide tapering to 0.80m internally.



Structure 2, W wall [160]

[161] Hearth. Stone hearth setting measuring 0.75m by 0.60m constructed from horizontally lain stones surrounded by stones set on edge.



Hearth [161]

[162] Steps? This construction is situated against on the NW side of a natural outcrop situated some 18m SW of the entrance to the lower enclosure. The construction consists of randomly coursed rubble up to 0.70m wide and 3.90m long rising from N to S. This may have been the footings for access/steps up this side of the escarpment.



Steps? [162]

[163] Wall. Wall running from shore to base of the escarpment below the E side of the lower enclosure wall. The wall is E/W oriented and is 9.20m long although its W end runs under later accumulation/vegetation. The wall appears to be 1.0m wide although it is badly tumbled and partially masked by heaped stone on its S side.

[164] Wall. Rubble or possible wall with only the limited extent seen in sondage within Trench 10.

[165] Layer. Vegetation and topsoil cover over the trench, mid brown peaty silt with frequent small quartzite fragments.

[166] Layer. Mid to dark grey brown peaty silt includes occasional angular schist fragment (maximum size 0.32 x 0.10m) with occasional bone and shell.

[167] Layer. Moderately compact mid grey brown clayey silt badly disturbed by roots, includes frequent bone and shell with occasional larger schist fragment (maximum size 0.30m x 0.15m x 0.12m).



Midden layers [121], [166] and [167]

[168] Layer. Compact mid to light brown clayey silt, includes frequent shell in patches) moderate bone and with occasional angular schist fragment (maximum size 0.27m x 0.17m x 77m).

[169] Steps? Heap of mainly schist slabs that are possibly wall collapse, but utilised as crude steps (maximum size 0.83m x 0.25m).



Rubble [169]

[170] Layer. Rubble collapse, mostly schist slabs with occasional limestone and quartzite block (maximum size 0.60m x 0.36m x 50mm). The rubble sits in a mid orange to mid grey brown sandy silt with frequent peagrit and bracken roots.



Wall collapse [170]

[171] Floor. Loose to moderately compact mid grey to orange brown sandy silt, includes occasional larger stone (maximum size 0.25m x 0.13m x 50mm), slag and charcoal.

[172] Layer. Burnt roofing material consisting of a mixed deposit of burnt and unburnt clay. The burnt clay is red/orange-purple/black in colour. The clay/turf lies over a layer of carbonised wood fragments and ash.



Burnt roof deposit [172]

[173] Fill. Loose mixed brown and dark grey sandy clay, includes frequent charcoal flecks and possible burnt peat.



Pit [174]

[174] Cut. Pit cut sub circular in shape measuring 0.78m by 0.67m and 90mm deep with steep concave sides and relatively flat base.

[175] Wall. South wall of Structure 6. Oriented NW/SE The footings of the wall are constructed from large angular rubble blocks (maximum 0.80m by 0.44m). The wall measures 0.90-1.06m wide and stands up to 0.46m externally in three courses. Between and above the walls stones is an earth core of mid brown loam with frequent schist/quartz inclusions.



Structure 6 wall [175]

[176] Wall. North wall of Structure 6. The remains of this wall are badly disturbed with only the inner line of the wall revealed during the excavation, the best preserved section at the NW corner, beyond this the wall comprises of a large disturbed limestone slab measuring 1.20m by 0.50 by 0.20m, The upstanding remains stand high up to 0.80m in height.



Structure 6, posthole alignment

[177] Fill. Post hole fill. Dark brown sandy silt with occasional charcoal

[178] Fill. Post hole fill. Dark brown sandy silt with occasional charcoal

[179] Cut. Post hole cut. Oval in shape measuring 0.20m by 0.14m and 0.10m deep with steep concave sides

[180] Fill. Post hole fill. Dark brown sandy silt with occasional charcoal

[181] Cut. Post hole cut. Oval in shape measuring 0.20m by 0.18m and 0.15m deep with steep concave sides

[182] Fill. Post hole fill. Dark brown sandy silt with occasional charcoal

[183] Cut. Post hole cut. Oval in shape measuring 0.20m by 0.17m and 90mm deep with steep concave sides

[184] Fill. Post hole fill. Dark brown sandy silt with occasional charcoal

[185] Cut. Post hole cut. Sub circular in shape measuring 0.16m by 0.16m and 0.11m deep with steep concave sides

[186] Fill. Post hole fill. Dark brown sandy silt with occasional charcoal

[187] Cut. Post hole cut. Oval in shape measuring 0.15m by 0.13m and 0.12m deep with steep concave sides

[188] Fill. Post hole fill. Dark brown sandy silt with occasional charcoal

[189] Cut. Post hole cut. Oval in shape measuring 0.25m by 0.16m and 0.11m deep with steep concave sides

[190] Layer. Dark grey brown silt (greasy) with occasional burnt bone and moderate charcoal, maximum depth 10mm.



Hearths [191] and [192]

[191] Hearth. Circular scorching or hearth setting measuring 0.60m in diameter.

[192] Hearth. Area of burnt clay, yellow brown to orange red in colour with occasional charcoal fleck. Not excavated.

[193] Cut. Post hole cut. Oval in shape with steep concave sides and undulating base, measures 0.60 by 0.45m and is 1.0m in depth.

[194] Wall. E wall of Structure 6. The wall footings spring from natural outcrops at the NE and SW being 1.80m long and up to 1.0m wide standing 0.31m high in two exposed courses. The inner core of the wall mainly consists of a dark brown clayey loam with occasional charcoal fragments and occasional schist block.



Structure 6, wall [194]

[195] Wall. Rebuild of inner face of S wall of structure 6. Consists of row of flat angular slabs standing on end (maximum size) Internally the wall is faced by a row of orthostats standing up to 0.59m in height.



Structure 6, wall rebuild [195]

[196] Layer. Levelling deposit. Mid brown sandy silt with frequent quartz schist fragments includes occasional charcoal.

[197] Post/Cruck base. Oval cut measuring 0.24m by 0.19m and 0.17m deep. Two upright slabs form packing/support on the W edge.

[198] Post/Cruck base. Oval cut/depression measuring 0.21m by 0.16m and 0.10m deep. There are upright packing/support slabs on the N and W sides.

[199] Layer. Rubble foundation or levelling deposit, not excavated.

[200] Layer. Mixed midden and rubble deposit. This contained a roughly oval grouping of stones set on edge suggesting deliberate consolidation of uneven ground.

Appendix 2: Context List

Context	Type	Location	Structure	Description
001	Layer	Trench 5	Structure 1	upper rubble
002	Wall	Trench 5	Structure 1	walls structure 1
003	Layer	Trench 2		rubble in entrance
004	Layer	Trench 3		rubble collapse
005	Layer	Trench 4		topsoil
006	Layer	Trench 5	Structure 1	peaty layer
007	Layer	Trench 5	Structure 1	lower rubble
008	Layer	Trench 5	Structure 1	lower rubble
009	Layer	Trench 5	Structure 1	lower rubble
010	Layer	Trench 4		surface deposit
011	Layer	Trench 1	Structure 3	mixed stone collapse
012	Layer	Trench 4		midden deposit
013	Layer	Trench 3		surface
014	Layer	Trench 3		construction deposit
015	Layer	Trench 3		burnt surface
016	Layer	Trench 1	Structure 3	lower collapse
017	Layer	Trench 1	Structure 3	NW corner?
018	Cut	Trench 1	Structure 3	construction cut
019	Fill	Trench 1	Structure 3	fill of construction cut
020	Layer	Trench 1	Structure 3	surface?
021	Layer	Trench 5	Structure 1	surface?
022	Layer	Trench 5	Structure 1	rough floor?
023	Layer	Trench 5	Structure 1	rough floor?
024	Layer	Trench 1	Structure 3	wall collapse
025	Wall	Trench 7	Structure 4	wall
026	Layer	Trench 7	Structure 4	worked soil
027	Layer	Trench 7	Structure 4	rubble collapse
028	Layer	Trench 5	Structure 1	rubble collapse external
029	Layer	Trench 5	Structure 1	peat store
030	Layer	Trench 7	Structure 4	rubble collapse and midden
031	Layer	Trench 5	Structure 1	fuel deposit
032	Layer	Trench 5	Structure 1	midden
033	Layer	Trench 5	Structure 1	base of peat
034	Layer	Trench 1	Structure 3	surface
035	Layer	Trench 1	Structure 3	make up
036	Cut	Trench 1	Structure 3	post hole cut
037	Layer	Trench 3		midden dump
038	Fill	Trench 1	Structure 3	post hole fill

039	Layer	Trench 5	Structure 1	burnt peat
040	Layer	Trench 1	Structure 3	trample?
041	Wall	Trench 5	Structure 1	inner face of upper enclosure
042	Layer	Trench 5	Structure 1	midden
043	Layer	Trench 5	Structure 1	surface
044	Layer	Trench 5		construction layer
045	Layer	Trench 6		rubble collapse
046	Layer	Trench 5	Structure 1	upper trampled midden
047	Layer	Trench 6		rubble collapse
048	Layer	Trench 5		construction layer
049	Scarcement	Trench 1	Structure 3	stone ledge
050	Layer	Trench 1	Structure 3	surface
051	Wall	Trench 1	Structure 3	SW corner of building
052	Surface	Trench 2		entrance surface
053	Wall			stone pier
054	Wall	Trench 3		stone pier
055	Wall	Trench 2		stone pier
056	Wall	Trench 2		stone pier
057	Wall			eastern wall lower enclosure
058	Wall			western wall lower enclosure
059	Wall	Trench 3		late wall
060	Surface	Trench 6		surface
061	Layer	Trench 6		dump?
062	Wall	Trench 6		hornwork wall
063	Chute	Trench 6		possible drainage chute
064	Wall	Trench 6		W side of upper entrance
065	Wall	Trench 6		E side of upper entrance
066	Surface	Trench 4		rough cobbled surface
067	Wall	Trench 5		Dun wall?
068	Layer	Trench 8		naust rubble
069	Layer	Trench 8		turf
070	Surface	Trench 8		naust surface
071	Layer	Trench 8		marine silt
072	Wall	Trench 8		naust wall
073	Layer	Trench 10		horticultural soil
074	Layer	Trench 10		midden
075	Surface	Lower Enclosure		paved surface
076	Structure	Lower Enclosure		twinning pen
077	Layer	Trench 10		disurbed wall
078	Layer	Trench 10		disurbed wall
079	Fill	Trench 10		robber cut fill
080	Cut	Trench 10		robber cut
081	Layer	Trench 10		Midden
082	Layer	Trench 10		Midden
083	Fill	Trench 10		post hole fill
084	Cut	Trench 10		post hole cut
085	Fill	Trench 10		post hole fill

086	Cut	Trench 10		post hole cut
087	Surface	Trench 10		cobbled surface
088	Layer	Trench 10		make up layer
089	Layer	Trench 10		midden
090	Layer	Trench 10		midden
091	Hearth	Trench 10		hearth stone
092	Layer	Trench 12		rubble
093	Layer	Trench 12		peat/turf
094	Layer	Trench 10		lower hearth ash
095	Hearth	Trench 10		hearth setting
096	Fill	Trench 10		post hole fill
097	Cut	Trench 10		post hole cut
098	Layer	Trench 10		midden/dump
099	Fill	Trench 10		post hole fill
100	Cut	Trench 10		post hole cut
101	Layer	Trench 10		midden
102	Layer	Trench 10		midden/dump
103	Layer	Trench 10		midden/dump
104	Wall	Trench 12	Structure 5	enclosure wall
105	Surface	Trench 12	Structure 5	surface
106	Layer	Trench 10		midden
107	Layer	Trench 12	Structure 5	peat
108	Layer	Trench 11	Structure 1	rubble
109	Layer	Trench 11	Structure 1	rubble
110	Layer	Trench 11	Structure 1	rubble
111	Layer	Trench 11	Structure 1	surface
112	Hearth?	Trench 10		hearth?
113	Layer	Trench 10		rubble dump
114	Layer	Trench 12	Structure 5	floor?
115	Layer	Trench 9		topsoil/rubble
116	Fill	Trench 9		drain fill
117	Layer	Trench 11	Structure 1	dump?
118	Layer	Trench 12	Structure 5	floor?
119	Layer	Trench 12	Structure 5	floor?
120	Layer	Trench 12	Structure 5	floor?
121	Layer	Trench 15		midden
122	Fill	Trench 11	Structure 1	upper drain fill
123	Fill	Trench 11	Structure 1	lower drain fill
124	Layer	Trench 12	Structure 5	hearth
125	Layer	Trench 12	Structure 5	floor?
126	Layer	Trench 12	Structure 5	hearth
127	Layer	Trench 12	Structure 5	floor?
128	Layer	Trench 12	Structure 5	hearth
129	Layer	Trench 12	Structure 5	floor?
130	Layer	Trench 12	Structure 5	floor?
131	Wall	Trench 12	Structure 5	wall
132	Layer	Trench 12	Structure 5	levelling
133	Layer	Trench 12	Structure 5	construction dump

134	Wall	Trench 12	Structure 5	wall
135	Layer	Trench 12		occupation
136	Layer	Trench 12		midden/dump
137	Wall	Trench 12		Dun wall?
138	Layer	Trench 11	Structure 1	floor?
139	Layer	Trench 11	Structure 1	burning
140	Layer	Trench 11	Structure 1	floor?
141	Layer	Trench 11	Structure 1	floor?
142	Wall	Trench 11	Structure 1	walls of structure 1
143	Walls	Trench 11	Structure 1	cross-walls structure 1
144	Wall and door	Trench 11	Structure 1	W wall and entrance
145	Wall	Trench 11	Structure 1	blocking wall
146	Surface	Trench 11	Structure 1	cobbled surface
147	Drain	Trench 11	Structure 1	drainage channel
148	Threshold	Trench 11	Structure 1	threshold stone
149	Threshold	Trench 11	Structure 1	threshold stone and door narrowing
150	Layer	Trench 11	Structure 1	hearth fill
151	Wall	Trench 11	Structure 1	drystone rebuild
152	Wall	Trench 10		wall rebuild
153	Cut	Trench 9		construction cut?
154	Layer	Trench 9	Structure 3	floor
155	Layer	Trench 9	Structure 3	make up layer
156	Wall	Trench 9	Structure 3	NE corner structure 3
157	Surface	Trench 9	Structure 3	paving?
158	Wall	Trench 10		enclosure wall
159	Hearth	Trench 11	Structure 1	stone hearth setting
160	Wall	Trench 11	Structure 1	W wall of structure 2
161	Hearth	Trench 11	Structure 1	early hearth setting
162	Steps?	Lower Enclosure		
163	Wall			
164	Wall?	Trench 10		enclosure wall?
165	Layer	Trench 13	Structure 6	topsoil
166	Layer	Trench 15		layer
167	Layer	Trench 15		midden layer
168	Layer	Trench 15		midden layer
169	Steps?	Trench 15		rubble/steps
170	Layer	Trench 13	Structure 6	wall collapse
171	Floor	Trench 13	Structure 6	floor
172	Layer	Trench 13	Structure 6	burnt layer
173	Fill	Trench 13	Structure 6	pit fill
174	Cut	Trench 13	Structure 6	pit cut
175	Wall	Trench 13	Structure 6	S wall structure 6
176	Wall	Trench 13	Structure 6	N wall structure 6
177	Fill	Trench 13	Structure 6	post hole fill
178	Fill	Trench 13	Structure 6	post hole fill
179	Cut	Trench 13	Structure 6	post hole cut

180	Fill	Trench 13	Structure 6	post hole fill
181	Cut	Trench 13	Structure 6	post hole cut
182	Fill	Trench 13	Structure 6	post hole fill
183	Cut	Trench 13	Structure 6	post hole cut
184	Fill	Trench 13	Structure 6	post hole fill
185	Cut	Trench 13	Structure 6	post hole cut
186	Fill	Trench 13	Structure 6	post hole fill
187	Cut	Trench 13	Structure 6	post hole cut
188	Fill	Trench 13	Structure 6	post hole fill
189	Cut	Trench 13	Structure 6	post hole cut
190	Layer	Trench 13	Structure 6	occupation deposit
191	Hearth	Trench 13	Structure 6	hearth
192	Hearth	Trench 13	Structure 6	hearth
193	Cut	Trench 13	Structure 6	post hole cut
194	Wall	Trench 15	Structure 6	E wall structure 6
195	Wall	Trench 13	Structure 6	wall rebuild
196	Layer	Trench 13	Structure 6	levelling layer
197	Cruck	Trench 13	Structure 6	cruck base
198	Cruck	Trench 13	Structure 6	cruck base
199	Layer	Trench 13		rubble
200	Layer	Trench 11		rubble and midden

Appendix 3: Finds List

Type Code

BM: Building Material, BN: Bone, CU: Copper alloy object, FL: Flint, FE: Iron object, GL: Glass, PB: Lead/pewter object, PT: Pottery, SH: Shell, SL: Slag, ST: Stone, TP: Clay tobacco pipe

Context	Type	Number	Description
001	BM	1	mortar
003	ST	1	smoothed stone
003	FE	1	Claw fitting or decoration
003	BN	23	
003	SH	13	periwinkle, oyster, mussel, cockle
003	FE	3	2 nails with attached roves, 1 nail fragment
004	FE	5	sickle blade fragments
004	BN	25	
004	SH	7	oyster, mussel
005	BN	1	
005	SL	2	1 fly ash, 1 waste
006	BM	3	mortar
006	BN	1	small worked handle
006	BN	18	
010	CU	1	Thin fragment, possible coin/jetton?
010	ST	2	smoothed stones
010	FE	20	8 nails two with attached roves, 4 roves, 1 bolt?, 6 fragments of possible bracket plate or knife

010	SL?	1	vitrified material
010	BN	18	
010	PT	1	crucible
012	FE	2	1 pin, 1 small bolt
012	BN	20	
013	CU	1	Charles I two penny piece
013	BM	2	mortar
013	FE	13	2 knife blade frags, 4 nails 1 handle/hinge, 5 unidentifiable
013	BN	84	
013	SH	14	oyster, mussel
014	BN	1	
015	FL	1	small worked piece
015	ST	3	2 pebbles, 1 naturally perforated schist
015	FE	9	4 nail fragments 2 with attached roves, 6 unidentifiable
015	BN	18	
016	SH	1	periwinkle
016	BN	1	
021	GL	4	3 thin clear, 1 vessel
021	GL	2	green glass
021	BM	2	mortar
021	TP	1	stem fragment
021	FE	11	10 nails, 1 bolt/bar, 1 unidentifiable
021	BN	128	
021	SH	6	oyster, mussel
022	GL	2	
024	SH	40	periwinkle, mussel
024	BN	2	
026	TP	1	stem fragment
026	FE	2	1 nail, 1 hinge?
026	BN	3	
027	FL	1	large light grey worked piece
027	ST	1	
029	BN	2	
032	GL	1	clear vessel
032	BM	2	mortar
032	TP	1	stem fragment
032	ST	1	hone?
032	SH	5	periwinkle, oyster, mussel
032	FE	3	1 bracket/hinge, 1 nail, 1 latch?
032	BN	141	
032	PT	3	green glazed reduced
034	BN	1	
037	FE	1	possible slag?
037	BN	81	
037	SL	1	
039	GL	1	base drinking vessel
041	SH	5	periwinkle, oyster, mussel
042	ST	1	smooth pebbles

042	ST	1	smooth pebbles
042	ST	1	smooth stone with slicking
042	FE	4	3 nails , 1 possible blade fragment
042	BN	170	
042	SH	38	periwinkle, limpet, oyster
042	PT	10	9 white gritty wares, 1 possible crucible
042	SL	1	
043	PT	2	decorated glazed gritty whiteware
045	BM	2	mortar
045	BN	88	
045	SH	11	limpet, oyster, mussel, cockle
045	PT	1	orange glazed
046	BN	95	
046	SH	4	perriwinkle, oyster
047	BM	3	mortar
047	BN	21	
047	SH	21	limpet, oyster, mussel, cockle, clam
047	FE	1	1 nail fragment
048	BN	4	
073	PT	4	
073	BN	22	
073	SL	2	
073	FE	3	1 handle, 2 nail fragments 1 with attached rove
074	BN	55	
074	FE	1	1 nail fragment
077	BN	12	
078	BN	11	
081	PT	6	3 pink handmade, 3 reduced handmade
081	BN	66	
081	SH	4	
081	FE	1	shackle
082	PT	1	pink
082	BN	165	
082	SH	7	
082	SL	8	
082	FE	3	1 nail, 1 bolt, 1 rove
082	FE	1	1 knife fragment
082	FE	1	1 nail fragment
082	FE	1	1 nail
082	FE	1	pin?
085	PT	1	coarse wheel made
088	BN	15	
089	PT	1	white gritty
089	BN	364	
089	FL	1	
089	FE	1	pin
090	BN	797	
090	SH	25	

090	SL	1	
093	ST	1	
094	BN	1	
098	BN	61	
098	SL	1	
099	BN	16	
101	BN	21	
102	BN	96	
103	BN	576	
103	ST	1	
103	ST	1	
103	ST	1	
103	SL	3	
103	FE	3	1 blade, 1 pin?, 1 nail
103	FE	1	1 blade
103	FE	1	pin
106	BN	25	
106	FL	1	
106	FL	1	
106	FE	1	knife
107	BN	6	
107	SH	6	
107	TP	1	
107	FE	2	2 large blade fragments
107	FE	1	1 blade fragment
107	FE	1	1 nail fragment
107	FE	1	1 nail?
109	BN	97	
109	SH	8	
109	PT	2	
109	ST	1	
109	ST	1	
111	BN	1	
111	SH	3	
111	SL	1	
114	BN	4	
114	SH	9	
116	FE	3	3 nail fragments 2 with attached roves
117	BN	74	
117	SH	8	
117	GL/P B	1	case bottle
117	TP	1	
117	FE	2	1 nail, 1 rove
117	FE	1	key
118	FE	3	unidentifiable
120	FE	1	unidentifiable
121	PT	3	1 small sherd handmade, 1 red glaze
121	BN	1	

121	BN	1	
121	BN	1	
121	BN	1880	
121	SH	176	
121	ST	1	Canal coal bangle
121	FL	6	
121	SL	1	
121	TP	2	
121	FE	3	1 pin, 2 unidentifiable
121	FE	1	unidentifiable
121	FE	1	1 nail?
122	BN	14	
122	TP	2	
123	PT	16	brown/green glazed small beaker, pink fabric
123	BN	208	
123	SH	10	
123	FE	14	6 corroded nails, 1 latch?, 6 unidentifiable
123	FE	1	1 nail
123	PB	1	ball
124	TP	1	
124	FE	3	1 nail with rove, 2 unidentifiable
125	SH	3	
125	FE	3	1 nail, 2 unidentifiable
127	ST	1	Vitrified
127	FE	2	1 nail?
129	PT	10	green/orange glaze reduced
130	PT	1	hand made IA?
130	BN	7	
132	PT	2	1 white gritty, 1 rough wheel turned
132	BN	28	
132	SH	10	
132	ST	2	
132	FE	3	unidentifiable
133	PT	1	1 rough wheel turned
133	BN	26	
133	SH	2	
136	BN	13	
136	ST	2	1 pebble, 1 pitchstone
138	PT	1	
138	BN	390	
138	SH	5	
138	FL	5	
138	TP	4	
138	FE	1	1 hinge
138	FE	1	1 nail?
138	FE	1	1 large blade fragment
140	PT	3	1 green/yellow glazed reduced, 1ribbed decoration
140	BN	114	

140	SH	7	
140	FL	2	
140	ST	1	
140	SL	1	
140	FE	2	2 nails?
140	FE	1	1 nail
140	FE	1	1 knife fragment
141	BN	31	
141	FL	1	
141	FE	1	pin
165	SL	1	
166	BN	169	
166	SH	19	
166	SL	1	
167	BN	286	
167	SH	51	
168	BN	366	
168	SH	128	
168	PT	1	
168	ST	1	large whetsone with sharpening groove
168	SL	1	
171	PT	1	
172	CMB	1	daub

Appendix 4: Graphics List

Graphic No.	Scale	plan/section	Trench	Description
1	1:50	plan	1-3	lower enclosure
2	1:50	plan	5-6	upper enclosure
3	1:20	section	1	wall structure 3
4	1:10	section	3	lower entrance
5	1:20	section	4	enclosure wall
6	1:20	section	4	surface
7	1:20	section	4	section
8	1:20	section	3	enclosure wall
9	1:20	section	3	pier and wall
10	1:20	plan	7	structure 4
11	1:20	plan	5	floor structure 1
12	1:20	section	5	section rear structure 1
13	1:20	section	6	entrance and hornwork
14	1:20	section	5	E wall structure 1
15	1:20	plan	10	
16	1:10	section	10	post hole [097]
17	1:10	section	10	post hole [084]
18	1:10	section	10	post hole [086]
19	1:20	plan	10	hearth [091]
20	1:20	plan	10	early deposits

21	1:100	plan		lower enclosure N end
22	1:20	section	10	S facing
23	1:20	section	10	E facing
24	1:20	section	10	N facing
25	1:20	section	10	W facing
26	1:20	plan	11	corridor
27	1:20	plan	11	Structure 1 N end
28	1:20	plan	10	hearth [095]
29	1:20	plan	12	wall [104] surface [105]
30	1:20	section	11	Structure 1 S facing
31	1:20	section	12	Structure 5 N facing
32	1:50	plan	12	Trench 12
33	1:20	section	12	S facing
34	1:20	section	12	W facing
35	1:20	section	12	E facing
36	1:50	plan	9	Structure 3 N end
37	1:20	section	9	outside structure 3
38	1:20	section	9	floor structure 4
39	1:20	plan	13	rubble collapse [170]
40	1:20	plan	15	midden
41	1:10	section	15	midden
42	1:10	section	13	cut [174]
43	1:10	section	13	cut [177]
44	1:10	section	13	wall face
45	1:20	plan	13, 14	Structure 6

Appendix 5: Sample List

Sample No.	Context	Trench	Reason
1	010	4	occupation dump
2	013	3	charcoal content
3	030	7	charcoal content
4	015	3	burnt material
5	037	3	midden dump
6	034	1	floor
7	038	1	post hole
8	031	5	floor/midden
9	043	5	floor
10	046	5	midden dump
11	042	5	midden dump
12	074	10	midden dump
13	081	10	midden dump
14	082	10	midden dump
15	089	10	midden dump
16	090	10	midden dump
17	094	10	hearth ash
18	098	10	midden dump
19	101	10	midden dump

20	103	10	midden dump
21	107	12	peat
22	124	12	hearth ash
23	126	12	hearth ash
24	128	12	hearth ash
25	130	12	mortar
26	132	12	
27	135	12	occupation dump
28	150	11	hearth ash
29	168	15	midden dump
30	173	13	pit fill
31	172	13	burnt material
32	172	13	burnt material
33	190	13	occupation dump
34	188	13	post hole fill
35	178	13	charcoal content
36	177	13	post hole fill

Appendix 6: Photo List

No.	Trench	Structure	Context	Notes	Direction From
1				Dun from N	N
2				Dun from S	S
3				Dun from S	S
4				Lower enclosure entrance	N
5				Lower enclosure	S
6				Upper enclosure wall	NW
7				Upper enclosure wall	SW
8				Upper enclosure wall	S
9				Upper enclosure wall	S
10				Upper enclosure interior	S
11				Looking S	N
12				Upper enclosure wall	SE
13				Upper enclosure hornwork	NE
14				Upper enclosure wall	S
15		4		Structure 4	E
16				Looking NE	S
17				Boat landing	S
18				Shore wall	NE
19				Shore wall	E
20				Boat naust	NW
21				Boat naust	NW
22				Boat naust	W
23				Boat naust	NW
24				Mooring ring	E
25				Dun from N	N
26				Dun from N	N

27			Lower enclosure wall	N
28			Upper enclosure entrance	N
29			Upper enclosure entrance	SW
30			Field wall below Dun	W
31			Fish trap	S
32			Fish trap	S
33			Boat landing	N
34			Lower enclosure entrance walls	W
35			Lower enclosure entrance W side	E
36			Lower enclosure inner wall	E
37			Lower enclosure inner W edge	SE
38			Lower enclosure inner wall	SE
39			Lower enclosure entrance W side	N
40			Modern cairn	S
41			Lower enclosure entrance W side	SE
42			Lower enclosure NW side	NW
43		1, 2	Passage between Structure 1 and 2	S
44		1, 2	Passage between Structure 1 and 2	S
45			Possible boat landing	W
46			revetment	W
47			tree roots in enclosure wall	N
48			tree roots in enclosure wall	N
49			Upper enclosure interior	N
50		1	Structure 1	S
51		1	Structure 1 S end	E
52		1	Structure 1 SE end	NE
53		1	Structure 1 SW end	E
54		2	Structure 2 NW end	SW
55		2	Structure 2 steps	W
56		2	Structure 2 SW end	W
57			Trees on lower enclosure wall	NE
58		2	Tree inside structure 2	SW
59			Tree on W side	N
60	1		Trench 1 pre ex	SW
61	2		Trench 2 pre ex	N
62	3		Trench 3 pre ex	SE
63	3		Trench 3 wall junction	S
64	3		Trench 3	W
65	4		Trench 4 pre ex	E
66	5		Trench 5 pre ex	S
67	6		Trench 6 pre ex	SW
68	6		Trench 6 pre ex	SW
69	7		Trench 7 pre ex	E
70	8		Trench 8	N
71			Dyke below dun	E
72			Upper enclosure hornwork	W
73			Upper enclosure inner wall	E
74			Upper enclosure N end	S

75				Upper enclosure S end	N
76				Upper enclosure S wall	SW
77				Upper enclosure SW wall	SW
78				Upper enclosure W side	N
79				Upper enclosure S wall	SW
80				Upper enclosure N wall	N
81				Lower enclosure NE side	W
82				Upper enclosure S wall	SW
83				Upper enclosure SW wall	S
84				Upper enclosure W wall	NW
85				Upper enclosure S wall	W
86				Upper enclosure W wall	NW
87				Lower enclosure wall w side	N
88				Upper enclosure interior	SW
89				View N from entrance	S
90				Collapse of upper enclosure wall	N
91				Boat landing	N
92				Upper enclosure wall NE side	N
93				Upper enclosure wall NE side	E
94				Upper enclosure wall	SW
95				Upper enclosure wall N side	E
96				Upper enclosure wall S side	E
97	5	1	001	Rubble Structure 1	E
98	5	1	001	Rubble Structure 1	W
99	5	1	001	Rubble Structure 1	N
100	5	1	001	Rubble Structure 1	N
101	5	1	001	Rubble Structure 1	S
102	5	1	001	Rubble Structure 1	S
103	5	1	001	Rubble Structure 1	S
104	3		004	Collapse	N
105	3		004	Collapse	N
106	3		004	Collapse	E
107	3		004	Collapse	E
108	3		004	Collapse	E
109	3		004	Collapse	Above N
110	3		004	Collapse	E
111	3		004	Collapse	E
112	3		004	Collapse	Above N
113	3		004	Collapse	Above W
114	3		004	Collapse	Above W
115	2		003	Rubble entrance	N
116	2		003	Rubble entrance	Above S
117	2		003	Rubble entrance	Above S
118	2		003	Rubble entrance	E
119	2		003	Rubble entrance	E
120	2		003	Rubble entrance	E
121	2		003	Rubble entrance	E
122	2		003	Rubble entrance	Above E

123	2		003	Rubble entrance	Above E
124	2		003	Rubble entrance	N
125	2		003	Rubble entrance	N
126	2		003	Rubble entrance	E
127	2		003	Rubble entrance	N
128	2		003	Rubble entrance	N
129	2		003	Rubble entrance	E
130	2		003	Rubble entrance	N
131	2		003	Rubble entrance	W
132	2		003	Rubble entrance	E
133	2		003	Rubble entrance	E
134	5	1		Structure 1	W
135	5	1		Structure 1	E
136	5	1		Structure 1	E
137	5	1		Structure 1	W
138	5	1		Structure 1	SW
139	5	1		Structure 1	S
140	5	1		Structure 1	E
141				Boat Landing	SW
142				Shore wall	S
143				Shore wall	NE
144				Shore wall	NE
145				Boat naust	NW
146				Boat naust	SW
147				Shore wall	S
148	3		004	Lower rubble	E
149	3		004	Lower rubble	NE
150	3		004	Lower rubble	N
151	3		004	Lower rubble	N
152	3		004	Lower rubble	W
153	3		004	Lower rubble	W
154	3		004	Lower rubble	E
155	3		004	Lower rubble	W
156	3		004	Lower rubble	N
157	3		004	Lower rubble	E
158	3		004	Lower rubble	E
159	3		004	Lower rubble	S
160	3		004	Lower rubble	N
161	3		004	Lower rubble	S
162	3		004	Lower rubble	S
163	3		004	Lower rubble	W
164	3		004	Lower rubble	W
165	3		004	Lower rubble	W
166	2		052	Entrance	N
167	2		052	Entrance	N
168	2		052	Entrance	E
169	2		052	Entrance	Above NW
170	2		052	Entrance	Above NW

171	2		052	Entrance	S
172	2		052	Entrance	S
173	2		052	Entrance	N
174	2		052	Entrance	N
175	2		052	Entrance	NE
176	2		052	Entrance	NE
177	2		052	Entrance	NE
178	1		011	Trench 1	S
179	1		011	Trench 1	
180	1		011	Trench 1	
181	1		011	Trench 1	
182	1		011	Trench 1	
183	1		011	Trench 1	
184	7	4		Trench 6 pre ex	
185	7	4		Trench 6 pre ex	
186	7	4		Trench 6 pre ex	
187	7	4		Trench 6 pre ex	
188	7	4		Trench 6 pre ex	
189	7	4		Trench 6 pre ex	
190	7	4		Trench 6 pre ex	
191	1	1	011	Rubble	S
192	1	1	011	Rubble	N
193	1	1	011	Rubble	N
194	4		066	Surface	E
195	4		066	Surface	S
196	4		066	Surface	S
197	4		066	Surface	W
198	4		066	Surface	W
199	4		066	Surface	S
200	4		066	Surface	E
201	4		066	Surface	E
202	3		013	Surface	E
203	3		013	Surface	E
204	3		013	Surface	E
205	3		013	Surface	N
206	3		013	Surface	N
207	3		013	Surface	W
208	3		013	Surface	S
209		3		South end	SW
210		3		South end	SW
211		3		South end	SW
212	5	1	021	Rubble	N
213	5	1	021	Rubble	N
214	5	1	021	Rubble	N
215	5	1	021	Rubble	NE
216	5	1	021	Rubble	NE
217	5	1		Structure 1	W
218	5	1		Structure 1	W

219	5	1		Structure 1	NW
220	5	1		Structure 1	N
221	5	1		Structure 1	E
222	5	1		Structure 1	E
223	5	1		Structure 1	N
224	5	1		Structure 1	N
225	5	1		Structure 1	N
226	5	1	021	Rubble	N
227	5	1	021	Rubble	N
228	5	1	021	Rubble	S
229	5	1		W wall	E
230	5	1		S wall	N
231	5	1		E wall	W
232	5	1		N wall	S
233	5	1		N wall	S
234	7	4	027	Rubble	W
235	7	4	027	Rubble	E
236	7	4	025, 027	Wall and rubble	N
237	7	4	025, 027	Wall and rubble	N
238	7	4	025	Wall	W
239	7	4	025	Wall	E
240	7	4	025	Wall	E
241	3		015	Trench 3	E
242	3		015	Trench 3	E
243	3		015	Trench 3	E
244	3		015	Trench 3	S
245	7		027	Rubble	E
246	7		027	Rubble	N
247	4		066	Trench 4	E
248	2		052	Surface	N
249	2		055	Entrance W side	E
250	2		055	Entrance W side	E
251	5	1		Structure 1	N
252	5	1		Structure 1	N
253	5	1		Structure 1	N
254	5	1		Structure 1	E
255	5	1		Structure 1	W
256	5	1	039	Burnt peat	NE
257	3		015	Burnt surface	S
258	3		015	Burnt surface	E
259	3		054	Pier	E
260	3		054	Pier	E
261	3		059	Wall	E
262	3		054	Pier	E
263	3		057	Enclosure wall	S
264	3		057	Enclosure wall	S
265	3		015	Burnt surface	Above W
266	3		054, 014	Abutment and sand	E

267	3		054	Junction	E
268	1		034, 035	Rubble and surface	N
269	1		034, 035	Rubble and surface	E
270	3		037	Midden	above
271	1	3	036	Post hole	N
272	1	3	049, 050	Scarcement and surface	N
273	1	3	049, 036	Scarcement and posthole	N
274	1	3	049, 036	Scarcement and posthole	Above S
275	1	3	050	Surface	E
276	1	3	034, 035	Rubble and surface	W
277	1	3	051, 049	Wall and scarcement	N
278	1	3	051, 049	Wall and scarcement	N
279	1	3	050	Surface	Above W
280	5	1	043	Surface	E
281	5	1	043	Surface	N
282	5	1	043	Surface	
283	5	1	043	Surface	
284	3		037	Midden and rubble	S
285	3		037	Midden and rubble	S
286	3		037	Midden and rubble	S
287	3		057	Enclosure wall	S
288	3		057	Enclosure wall	S
289	3			Sondage	E
290	3			Sondage	E
291	4			Enclosure wall	E
292	4		066	Surface and natural	S
293	1	3	051, 049	Wall and scarcement	N
294	1	3		W Wall	E
295	1	3		W wall	E
296	1	3		Structure 3	S
297	1	3		Structure 3	S
298	1	3		Structure 3	N
299	1	3		Structure 3	N
300	2			Entrance	N
301	2			Entrance	N
302	2		055	Entrance NW pier	N
303	2		056	Entrance NE pier	Above S
304	2		054	Entrance SE pier	Above N
305	2		053	Entrance SW pier	Above N
306	2		054	SE pier	S
307	2		054	SE pier	S
308	2		053	Entrance SW pier	Above N
309	4		066	Surface	Above W
310	5	1		External face W wall	NW
311	5	1		External face W wall	NW
312	5			External deposits	N
313	5			External face W wall	Above W
314	5			Upper enclosure wall	SE

315	5			Upper enclosure wall	NE
316	5			Upper enclosure wall	NE
317	5		067	Wall	Above N
318	5			Between wall deposits	N
319	5			Between wall deposits	N
320	5	1		External face W wall	NW
321	5			Upper enclosure wall	NE
322	5			Upper enclosure wall	SE
323	5		067	Wall	Above N
324	5		067	Wall	Above N
325	5	1		Structure 1	W
326	5	1		Structure 1	W
327	5	1		Structure 1	W
328	5	1		Structure 1	E
329	5	1		Structure 1	N
330	5	1		Structure 1	N
331	5	1		Structure 1	S
332	5	1		Structure 1	S
333	5	1		Structure 1 door	S
334	5	1		Structure 1 door	S
335	5	1		Structure 1 N wall	S
336	5	1		Structure 1 N wall	S
337	5	1		Structure 1 threshold	S
338	5	1		Structure 1 E wall	W
339	5	1		Structure 1 niche	W
340	5	1		Structure 1 niche	W
341	5	1		Structure 1 niche	W
342	5	1		Structure 1 N wall	S
343	5	1		Structure 1 N wall	S
344	5	1		Structure 1 N wall	S
345	5	1		Structure 1 W wall	E
346	5	1		Structure 1 W wall	E
347	5	1		Structure 1 S wall	N
348	5	1		Structure 1 S wall	N
349	5	1		Structure 1 niche	Above E
350	5	1		Structure 1 surface	W
351	5	1		Structure 1	NW
352	5	1		Structure 1	NW
353	5	1		Structure 1	NW
354	5	1		Structure 1	W
355	5	1		Structure 1	SE
356	5	1		Wall	Above N
357	5	1		Wall	Above N
358	5	1		Wall	Above N
359	5	1		Wall	Above N
360	5	1		Structure 1 niche	W
361	5	1		Structure 1 niche	W
362	5	1		Structure 1 niche	W

363	5	1		Structure 1 niche	NW
364	5	1		Structure 1 threshold	S
365	5	1		Structure 1 threshold	S
366	6		064, 065	Upper enclosure entrance	N
367	6		064, 065	Upper enclosure entrance	N
368	6		064, 065	Upper enclosure entrance	N
369	6		064, 065	Upper enclosure entrance	S
370	6		064, 065	Upper enclosure entrance	S
371	6		062	Hornwork wall	N
372	6			Entrance wall	Above E
373	6		064	Entrance W side	E
374	6		064	Entrance W side	E
375	6		065	Entrance E side	W
376	6		065	Entrance E side	W
377	6		062	Hornwork wall	W
378	6		062	Hornwork wall	W
379	6		062	Hornwork wall	W
380	6		063	Threshold stone	Above W
381	6		063	Projecting stones	Above W
382	6		063	Projecting stones	Above W
383	6		063	Projecting stones	E
384	6		063	Projecting stones	E
385	6		063	Projecting stones	NE
386				Tree upper enclosure	W
387				upper enclosure wall	
388				upper enclosure wall	
389				upper enclosure wall	
390				upper enclosure	
391	8			boat naust	
392	8			surface boat naust	
393	1	3		rubble	
394	1	3		rubble	
395	1	3		rubble	
396	1	3		rubble	
397	1	3		rubble	
398	1	3		rubble	
399	1	3		rubble	
400	1	3		rubble	
401	1	3		rubble	
402	1	3		rubble	
403	1	3		rubble	
404	1	3		rubble	
405	1	3		rubble	
406	1	3		rubble	
407	1	3		rubble	
408	1	3		rubble	
409	1	3		rubble	
410	1	3		rubble	

411	1	3		rubble	
412	1	3		rubble	
413	1	3		rubble	
414	1	3		rubble	
415	1	3		rubble	
416	1	3		rubble	
417	1	3		rubble	
418	1	3		rubble	
419	1	3		rubble	
420	1	3		rubble	
421	1	3		rubble	
422	1	3		rubble	
423	1	3		rubble	
424	1	3		rubble	
425	1	3		rubble	
426	1	3		rubble	
427	1	3		rubble	
428	1	3		rubble	
429	1	3		rubble	
430	1	3		rubble	
431	1	3		wall	
432	1	3		wall	
433	1	3		wall	
434	1	3		wall	
435	1	3		wall	
436	1	3		wall	
437	1	3		wall	
438	1	3		wall	
439	1	3		wall	
440	1	3		wall	
441	1	3		wall	
442	2			entrance pier	
443	3			surface	
444	3			surface	
445	4			surface	
446	4			surface	
447	4			surface	
448	6			garderobe	
449	6			garderobe	
450	5	1			
451	5	1			
452	5	1			
453				site view	
454				site view	
455				site view	
456				site view	
457				site view	
458				site view	

459				site view	
460				boat jetty	
461		1		pre excavation	
462		5		pre excavation	
463		1		pre excavation	
464				entrance	
465				ramp	
466	10			pre excavation	
467		3			
468				outer enclosure wall	
469	13	6		pre excavation	
470				blocking wall	
471				robbed enclosure wall	
472				robbed enclosure wall	
473				wall to jetty	
474	11			rubble in corridor	
475	1				
476	2				
477	11			corridor	
478	6			backfilled entrance	
479			162	ramp	
480			162	ramp	
481			162	ramp	
482				blocking wall	
483			162	ramp	
484				fish trap	
485			075	paving	
486			075	paving	
487			075	paving	
488			075	paving	
489	10			robbed wall	
490	10			robbed wall	
491	10			layer	
492	10			robbed wall	
493	10		077	layer	
494	10		078	layer	
495	10		078	shackle	
496	10		078	shackle	
497	10		082	layer	
498	10		082	layer	
499	10		087	surface	
500	10		087	surface	
501	10		087	surface	
502	10			postholes	
503	10			postholes	
504	10			postholes	
505	10			postholes	
506	10		084	posthole	

507	10		097	posthole	
508	10		086	posthole	
509	10		086	posthole	
510	10		091	top of hearth	
511	10		091	top of hearth	
512	12	5	092	rubble	
513	12	5	092	rubble	
514	10		091	hearth	
515	10		091	hearth	
516	10		091	hearth	
517	10		091	hearth	
518	10		091	hearth	
519	10		091	hearth	
520	10		091	hearth	
521	12		092	rubble	
522	12		092	rubble	
523	12		092	rubble	
524	12		092	rubble	
525	12		092	rubble	
526	12		092	rubble	
527	10		094	hearth fill	
528	10		094	hearth fill	
529	10		094	hearth fill	
530	10		094	hearth fill	
531	10		095	hearth	
532	10		095	hearth	
533	10		095	hearth	
534	10		095	hearth	
535	12		0921	rubble	
536	12		104	wall	
537	12		104	wall	
538	12		104	wall	
539	11		110	collapsed wall	
540	11		110	collapsed wall	
541	11		110	collapsed wall	
542	12		192	rubble	
543	12		192	rubble	
544	12		192	rubble	
545	12		192	rubble	
546	12		192	rubble	
547	11	1	192	rubble	
548	11	1	192	rubble	
549	11	1	192	rubble	
550	11	1	192	rubble	
551	11	1	192	rubble	
552	11	1	192	rubble	
553	12	1	192	rubble	
554	12	1	192	rubble	

555	12	1	192	rubble	
556	12		104/105	wall and surface	
557	12		104/105	wall and surface	
558	12		104	wall	
559	12		104	wall	
560	12		104	wall	
561	12		104	wall	
562	12		114	layer	
563	12		114	layer	
564	11		109	layer	
565	11		109	layer	
566	11		109	layer	
567	11		109	layer	
568	11		109	layer	
569	11		109	layer	
570	11		109	layer	
571	11		146	surface	
572	11		146	surface	
573	11		146	surface	
574	11		146	surface	
575	11		146	surface	
576	11		146	surface	
577	11		147	drain	
578	11		147	drain	
579	11		147	drain	
580	11		146	entrance stone	
581	11		146	entrance stone	
582	11		146	entrance stone	
583	11	2	147	W wall	
584	11	2		W wall	
585	11	2		W wall	
586	11	2		E wall	
587	11	1		E wall	
588	11	1		E wall	
589	11	1		E wall	
590	12	5	114	layer	
591	12	5	114	layer	
592	12	5	114	layer	
593	12	5	114	layer	
594	12	5	114	layer	
595	12	5	114	layer	
596	12	5	114	layer	
597	12	5	114	layer	
598	12	5	124	burning	
599	12	5	124	burning	
600	12	5	124	burning	
601	12	5	124	burning	
602	12	5	126	burning	

603	12	5	126	burning	
604	12	5	126	burning	
605	11		146	corridor	
606	11		146	corridor	
607	12	5	128	burning	
608	12	5	128	burning	
609	12	5	128	burning	
610	12	5	128	burning	
611	12	5	128	burning	
612	12	5	128	burning	
613	12	5	128	burning	
614	12	5	130	surface	
615	12	5	130	surface	
616	12	5	130	surface	
617	12	5	130	surface	
618	12	5	130	surface	
619	12	5	130	surface	
620	12	5	130	surface	
621	12	5	130	surface	
622	12	5	130	surface	
623	12	5	132	layer	
624	12	5	132	layer	
625	11	1	138	layer	
626	11	1	138	layer	
627	11	1	138	layer	
628	11	1	138	layer	
629	11	1	139	burning	
630	11	1	139	burning	
631	11	1	139	burning	
632	11	1	139	burning	
633	11	1	139	burning	
634	11	1	139	burning	
635	11	1	140	layer	
636	11	1	140	layer	
637	11	1	140	layer	
638	11	1	149	threshold	
639	11	1	149	threshold	
640	11	1	149	threshold	
641	11	1	144	step	
642	11	1		door side	
643	11	1		door side	
644	11	1	149	Threshold rebuild	
645	11	1	141	layer	
646	11	1	159	hearth	
647	11	1	160	hearth	
648	11	1		wall recess	
649	11	1		wall recess	
650	11	1		wall recess	

651	11	1		top of hearth	
652	11	1		doors	
653	11	1		doors	
654	11	1		threshold	
655				wall	
656				wall	
657				wall	
658				section	
659				section	
660				section	
661				rubble	
662				rubble	
663				rubble	
664	11	1	141	layer	
665				hearth	
666				hearth	
667				hearth	
668				hearth	
669				hearth	
670	11	1		hearth	
671	11	1	141	layer	
672	11	1	141	layer	
673	9	3		wall	
674	9	3		wall	
675	9	3		paving?	
676	11	1		door side	
677	11	1		door side	
678	11	1		door side	
679	11	1		door side and threshold	
680	11	1		threshold	
681	11	1		threshold modification	
682	11	1		mortar render	
683	11	1		mortar render	
684	11	1		mortar render	
685	11	1		hearth	
686	11	1		hearth	
687	11	1		door	
688	11	1		door	
689	11	1		door	
690	11			rubble	
691	11			hearth	
692	10			section	
693	10			section	
694	10			wall	
695	10			wall	
696	10			section	
697	10			section	
698	10			section	

699	10			section	
700	10			wall	
701	10			wall	
702	10			wall	
703	10			wall	
704	10			sondage	
705	10			sondage	
706	10			sondage	
707	10			sondage	
708	10			sondage	
709	10			sondage	
710	10			lower hearth	
711	10			wall	
712	10			wall	
713	10			wall	
714	10			wall	
715	10			wall	
716	10			wall	
717	10			wall	
718	10			trench	
719	10			section	
720	10			section	
721				fish trap	
722	10			trench backfilled	
723	11	1		threshold	
724	11	1		door	
725	11	1		door side	
726	11	1		wall	
727	11	1		wall	
728	11	1		wall	
729	11	1		wall	
730	11	1		wall	
731	11	1		wall	
732	11	1		wall	
733	11	1		wall	
734	11	1		wall	
735	11	1		wall	
736	11	1		wall	
737	11	1		wall	
738	11	1		wall	
739	11	1		wall	
740	11	1		hearth	
741	11	1		hearth	
742	11	1		floor	
743	11	1		floor	
744	11	1		floor	
745	11	1		floor	
746	11	1		floor	

747	11	1		floor	
748	11	1		floor	
749	11	1		floor	
750	12	5		cruck slot	
751	12	5		cruck slot	
752	12	5		cruck slot	
753	12	5		cruck slot	
754	12	5		wall	
755	12	5		wall	
756	12	5		wall	
757	12	5		wall	
758	12	5		blocked cruck	
759	12	5		blocked cruck	
760	12	5		wall	
761	12	5		wall	
762	12	5		wall	
763	12	5		walls	
764	12	5		walls	
765	12	5		walls	
766	12	5		walls	
767	9	3		wall	
768	9	3		wall	
769	9	3		wall	
770	9	3		wall	
771	9	3		wall	
772	9	3		wall	
773	9	3		paving?	
774	9	3		walls	
775	9	3		wall	
776	9	3		sondage	
777	9	3		sondage	
778	9	3			
779	9	3		sondage	
780	9	3		sondage	
781	11	1		corridor	
782	11	1		corridor	
783	11	1		corridor	
784	11	1		corridor	
785	11	1		corridor	
786	11	1		corridor	
787	11	1		hearth	
788	11	1		hearth	
789	11	1		burnt floor	
790	11	1		threshold	
791	11	1		threshold	
792	11	1		door	
793	11	1		threshold	
794	11	1		threshold	

795	12	5		cruck slot	
796	12	5		cruck slot	
797	12	5		cruck slot	
798	12	5		cruck slot	
799	12	5		cruck slot	
800	12	5		wall	
801	12	5		wall	
802	12	5		wall	
803	12	5		cruck slot	
804	12	5		cruck slot	
805	12	5		cruck slot	
806	14			midden	
807	14			midden	
808	14			midden	
809	14			midden	
810	14			midden	
811	14			midden	
812	14			midden	
813	14			midden	
814	14			midden	
815	14			midden	
816	14		169	steps?	
817	14		169	steps?	
818	14		169	steps?	
819	14		169	steps?	
820	14		169	steps?	
821	14		169	steps?	
822	14		169	steps?	
823	14		169	steps?	
824	14		169	steps?	
825	14		169	steps?	
826	14		169	steps?	
827	14		169	steps?	
828	14		169	steps?	
829				wall and jetty	
830	13	6	170	rubble collapse	
831	13	6	170	rubble collapse	
832	13	6	170	rubble collapse	
833	13	6	170	rubble collapse	
834	13	6	175	wall	
835	13	6	175	wall	
836	13	6	175	wall	
837	13	6	175	wall	
838	13	6	175	wall	
839	13	6	175	wall	
840	13	6	170	rubble collapse	
841	13	6	170	rubble collapse	
842	13	6	170	rubble collapse	

843	13	6	170	rubble collapse	
844	13	6	170	rubble collapse	
845	13	6	170	rubble collapse	
846	13	6	170	rubble collapse	
847	13	6	170	rubble collapse	
848	13	6	170	rubble collapse	
849	13	6	170	rubble collapse	
850	13	6	170	rubble collapse	
851	13	6	170	rubble collapse	
852	13	6	170	rubble collapse	
853	13	6	170	rubble collapse	
854	13	6	170	rubble collapse	
855	13	6	170	rubble collapse	
856	13	6	170	rubble collapse	
857	13	6	170	rubble collapse	
858	13	6	170	rubble collapse	
859	13	6	170	rubble collapse	
860	13	6	170	rubble collapse	
861	13	6	170	rubble collapse	
862	13	6	170	rubble collapse	
863	13	6	170	rubble collapse	
864	13	6	170	rubble collapse	
865	13	6	170	rubble collapse	
866	13	6	170	rubble collapse	
867	13	6	170	rubble collapse	
868	13	6	170	rubble collapse	
869	13	6	170	rubble collapse	
870	13	6	170	rubble collapse	
871	13	6	170	rubble collapse	
872	13	6	170	rubble collapse	
873	13	6	170	rubble collapse	
874	13	6	170	rubble collapse	
875	13	6	170	rubble collapse	
876	13	6	170	rubble collapse	
877	13	6	170	rubble collapse	
878	13	6	170	rubble collapse	
879	13	6	170	rubble collapse	
880	13	6	170	rubble collapse	
881	13	6	170	rubble collapse	
882	13	6	170	rubble collapse	
883	13	6	170	rubble collapse	
884	13	6	170	rubble collapse	
885	13	6	170	rubble collapse	
886	13	6	170	rubble collapse	
887	13	6	170	rubble collapse	
888	13	6	170	rubble collapse	
889	13	6	170	rubble collapse	
890	13	6	170	rubble collapse	

891	13	6	170	rubble collapse	
892	13	6	170	rubble collapse	
893	13	6	170	rubble collapse	
894	13	6	170	rubble collapse	
895	13	6	170	rubble collapse	
896	13	6	170	rubble collapse	
897	13	6	170	rubble collapse	
898	13	6	175	wall	
899	13	6	175	wall	
900	13	6	175	wall	
901	13	6	175	wall	
902	13	6	175	wall	
903	13	6	175	wall	
904		6		void	
905	13	6	171	layer	
906	13	6	172	burnt roof	
907	13	6	172	burnt roof	
908	13	6	172	burnt roof	
909	13	6	172	burnt roof	
910	13	6	172	burnt roof	
911	13	6	172	burnt roof	
912	13	6	172	burnt roof	
913	13	6	172	burnt roof	
914	13	6	172	burnt roof	
915	13	6	172	burnt roof	
916	13	6	172	burnt roof	
917	13	6	172	burnt roof	
918	13	6	172	burnt roof	
919	13	6	172	burnt roof	
920	13	6	172	burnt roof	
921	13	6	172	burnt roof	
922	13	6	173	pit fill	
923	13	6	173	pit fill	
924	13	6	172	burnt roof	
925	13	6	172	burnt roof	
926	13	6	195	wall facing	
927	13	6	175	S wall	
928	13	6	176	N wall	
929	13	6	172	burnt roof	
930	13	6		burning to S	
931	13	6		burning to S	
932	13	6		burning to S	
933	13	6	195	wall facing	
934	13	6	172	burnt roof	
935	13	6	173	pit fill	
936	13	6	173	pit fill	
937	13	6	174	pit	
938	13	6	174	pit	

939	13	6	172	burnt roof	
940	13	6	172	burnt roof	
941	13	6	177	post hole fill	
942	13	6	177	post hole fill	
943	13	6	177	post hole fill	
944	13	6	177	post hole fill	
945	13	6	177	post hole fill	
946	13	6		burnt post	
947	13	6		burnt post	
948	13	6		burnt post	
949	13	6	193	post hole	
950	13	6	193	post hole	
951	13	6	193	post hole	
952	13	6	193	post hole	
953	13	6	194	E wall	
954	13	6	194	E wall	
955	13	6	194	E wall	
956	13	6	194	E wall	
957	13	6	197	post	
958	13	6	197	post	
959	13	6	198	post	
960	13	6	198	post	
961	13	6	172	burnt roof	
962	13	6	172	burnt roof	
963	13	6	172	burnt roof	
964	13	6	172	burnt roof	
965	13	6	172	burnt roof	
966	13	6	172	burnt roof	
967	13	6	172	burnt roof	
968	13	6	172	burnt roof	
969	13	6	172	burnt roof	
970	13	6	172	burnt roof	
971	13	6	172	burnt roof	
972	13	6	172	burnt roof	
973	13	6	172	burnt roof	
974	13	6	172	burnt roof	
975	13	6	172	burnt roof	
976	13	6	172	burnt roof	
977	13	6	172	burnt roof	
978	13	6	172	burnt roof	
979	13	6	172	burnt roof	
980	13	6	172	burnt roof	
981	13	6	191	hearth setting	
982	13	6	191	hearth setting	
983	13	6	192	hearth	
984	13	6	191/192	hearths	
985	13	6	187	post hole	
986	13	6	185	post hole	

987	13	6	183	post hole	
988	13	6	181	post hole	
989	13	6	179	post hole	
990	13	6	179	post hole	
991	13	6	176	N wall	
992	13	6		posts	
993	13	6		posts	
994	13	6		posts	
995	13	6		posts	
996	13	6	196	sondage	
997	13	6	196	sondage	

Appendix 7: DES Entry

LOCAL AUTHORITY:	Argyll and Bute
PROJECT TITLE/SITE NAME:	Dun Mhuirich Community Excavation Phase II
PROJECT CODE:	DMH 13
PARISH:	North Knapdale
NAME OF CONTRIBUTOR:	Roddy Regan
NAME OF ORGANISATION:	Kilmartin Museum
TYPE(S) OF PROJECT:	Archaeological Survey and Excavation
NMRS NO(S):	NR78SW 3
SITE/MONUMENT TYPE(S):	Dun and settlement
SIGNIFICANT FINDS:	Medieval and post medieval pottery assemblage.
NGR (2 letters, 6 figures)	NR 7228 8441
START DATE (this season)	June 2013
END DATE (this season)	August 2013
PREVIOUS WORK (incl. DES ref.)	Survey by RCHAMS. The Royal Commission on the Ancient and Historical Monuments of Scotland. Argyll: an Inventory of the Monuments: Volume 6: Mid-Argyll and Cowal, Prehistoric and Early Historic Monuments. No. 311, p 189-190. Edinburgh. Archaeological Excavation 2012.
MAIN (NARRATIVE) DESCRIPTION: (May include information from other fields)	The second season of work at Dun Mhuirich confirmed the presence of a complex multi-phased site, and shone new light on its development. A trench across the robbed out lower enclosure wall revealed a deep sequence of occupation with layers returning artefacts from the early medieval through to the post medieval periods. Further excavation of the upper enclosure revealed a cruck-framed structure at the SW of the enclosure, this modified or replaced when the two more obvious structures that occupy the same enclosure were built, this likely some time in the 15 th century, the buildings then occupied until the mid 17 th century. Without the dun enclosure a trench examined a late midden at the base of the escarpment while another trench confirmed the size and extent of a large rectangular structure lying outside the lower enclosure, although little dating material was recovered from its associated deposits. To the N of this structure a newly recognised building was also investigated revealing a sequence of floors and

	hearths, separated by an extensive burnt deposit, suggesting the building or at least the roof had burnt down.
PROPOSED FUTURE WORK:	Further excavation and publication
CAPTION(S) FOR ILLUSTRS:	
SPONSOR OR FUNDING BODY:	The Craigend Trust, The Heritage Lottery Fund (Awards for All), Kilmartin Museum
ADDRESS OF MAIN CONTRIBUTOR:	Kilmartin Museum, Kilmartin, Argyll, PA31 8RQ
EMAIL ADDRESS:	museum@kilmartin.org
ARCHIVE LOCATION (intended/deposited)	The archive will be deposited with Kilmartin Museum and copies of the report lodged with Historic Scotland, WoSAS SMR, the NMRS and the OASIS database

Appendix 8: Dun Mhuirich, Post Excavation Project Design and Costs

All post excavation costs will be met by Kilmartin Museum. These figures are based on the present excavation findings and will be subject to amendment following any further excavation work, when these and final publication costs will be addressed correspondingly. It is estimated the work will be completed within six months after the submission of the DSR.

i) Finds processing & cataloguing (KHM)	£500
ii) Pot Analysis (George Haggerty/Derek Hall)	£360
iii) Metal work Analysis (Dawn McLaren)	£800
iv) Faunal Analysis (AOC)	£1,600
v) Glass Analysis (Robin Murdoch)	£200
vi) Clay pipe Analysis (QU)	£100
vii) Charcoal identification £50 (CFA) per sample	£300
viii) Enviro Assessment (CFA)	£500
ix) C14 dates per sample x 2	£500
x) Illustration, Pottery, Worked bone, Worked stones.	£1,200
xi) Research and final draft	£750
xii) Management and Administration	£900
	Sub Total £7,060
	VAT £1,412
	<u>Total £8,472</u>

