

**ORKNEY GATEWAY TO THE ATLANTIC:
ARCHAEOLOGICAL WORK IN ROUSAY 2010**

**INTERIM REPORT NO.1
(DATA STRUCTURE REPORT)**



**UNIVERSITY OF BRADFORD
ORKNEY COLLEGE, UHI**

ORKNEY GATEWAY TO THE ATLANTIC: ARCHAEOLOGICAL WORK IN ROUSAY 2010

INTERIM REPORT NO.1 (DATA STRUCTURE REPORT)

EXCAVATIONS AT THE MOUND OF BROUGH (SOUTH HOWE), THE
DITCH NORTHEAST OF MIDHOWE AND
THE KNOWE OF SWANDRO.

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2010

(Bradford Archaeological Sciences Research 21)

The Project is managed by the University of Bradford/Orkney College,
University of the Highlands and Islands (UHI)

The Excavations at the Mound of Brough (South Howe), the ditch northeast of
Midhowe and the Knowe of Swandro were directed
by S.J. Dockrill and J.M. Bond



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This is a provisional report on the excavations at the Mound of Brough (South Howe), the ditch northeast of Midhowe and the Knowe of Swandro, and as such represents ideas and work in progress. The data, illustrative material and other information contained within it is made available on the understanding that the reader will not reproduce or publish in any form either the whole or part of it without prior permission of the editors.

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PART ONE: THE EXCAVATIONS AT THE MOUND OF BROUGH
(SOUTH HOWE), THE DITCH NORTHEAST OF MIDHOWE AND THE
KNOWE OF SWANDRO

Orkney Gateway to the Atlantic: Archaeological Work in Rousay 2010

S.J. Dockrill & J.M. Bond

1. Introduction

A three-week archaeological field school took place (June-July 2010) in Rousay, Orkney. This training programme centred on three sites on the southwest coastline of Rousay (Figure 1). The archaeological investigation was organised by archaeologists from the University of Bradford and Orkney College (part of the University of the Highlands and Islands (UHI) led by Steve Dockrill and Julie Bond from the Division of Archaeological, Geographical and Environmental Sciences (AGES), University of Bradford, and by Julie Gibson, Jane Downes and Ingrid Mainland with the assistance of James Moore from Orkney College, UHI. Ruth Maher from the USA, a former doctoral student of Hunter College, The City University of New York (CUNY), also formed part of the team along with Zoe Outram, Bobby Friel and Nigel Melton from AGES. Students from the University of Bradford, Orkney College and CUNY took part in this year's project.

This project forms part of the **Orkney Gateway to the Atlantic** project. The core aim of this research initiative is to inform on sustainability and reliance strategies in the past, investigating how people (and society) reacted and adapted to climatic and environmental change over time. Due to the northerly position of Orkney, the islands have shorter growing seasons and a degree of marginality, which offers a remarkable opportunity to study the long-term effects of climate change and how people survived and adapted, from the first farmers over 5,000 years ago through to the clearances in the 19th century. As well as adaptation and sustainability, this long time frame provides the potential to study cultural changes as a result of contact and trade.

This research initiative is linked to a wider research agenda investigating these themes across the North Atlantic by fellow researchers within the *North Atlantic Biocultural Organisation (NABO)*.

The field school was designed as a research programme. The majority of sites targeted for study were coastal as Orkney has a serious and growing problem of rising sea level and coastal erosion. The two main sites examined this year were both suffering from the effects of coastal erosion. These were the broch mound at Brough or South Howe, and the Knowe of Swandro. Both sites have enormous research potential, providing important archaeological and scientific data that might be used to study how people in the past confronted the marginality of these northern islands and how this changed over time with fluctuating environmental/climatic parameters.

Recording Methodology

A unique alphanumeric identifier incorporating a site letter code and year of excavation was provided for each of the three sites (e.g. MHD10 for Midhowe). Each individual stratigraphic unit identified and recorded from each site was designated a context number and recorded using a context sheet pro forma. Contexts are

referenced on plans and sections with this number in a rectangle and contained by square brackets in text e.g. [101]. In addition to the context cards, a 'day book' was also kept for each site. Samples and finds were recorded using a single numbering system with the number being recorded within a triangle on bags and records, and with a prefix of SF in text e.g. SF567. Further details of the recording methodology can be found in Dockrill *et al.* (2007).

The elevation of the two sections of the South Howe eroding cliff sections were recorded using a photogrammetric method in both colour and black and white. A series of overlapping photographs, with geo-referenced markers (golf tees) placed within each frame, was taken along each of the two sections. Each photograph was taken with a 50mm standard lens at a set height and distance from the section.

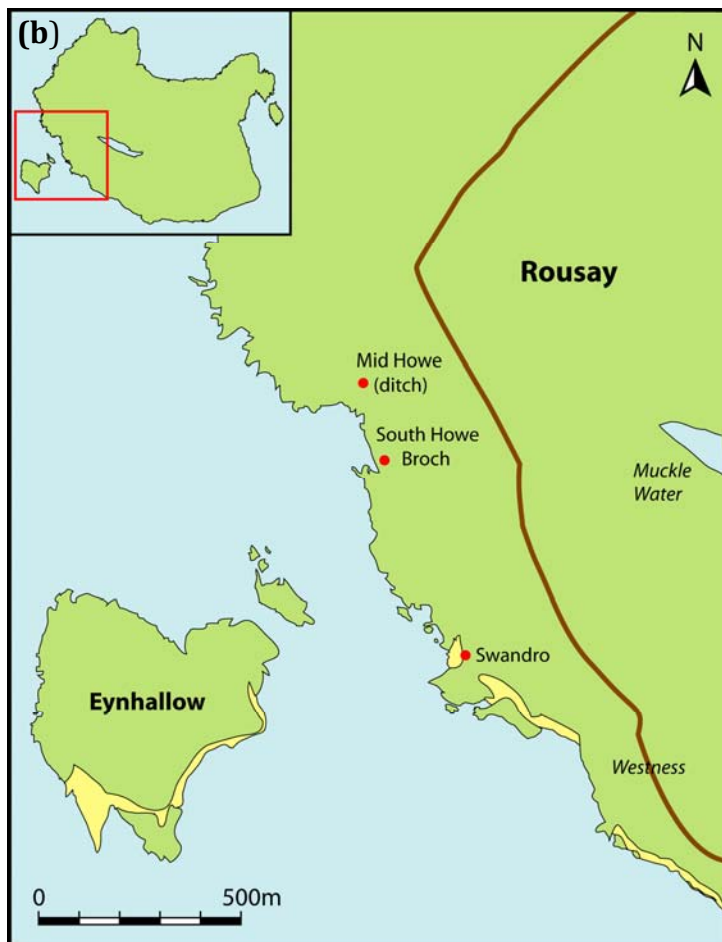
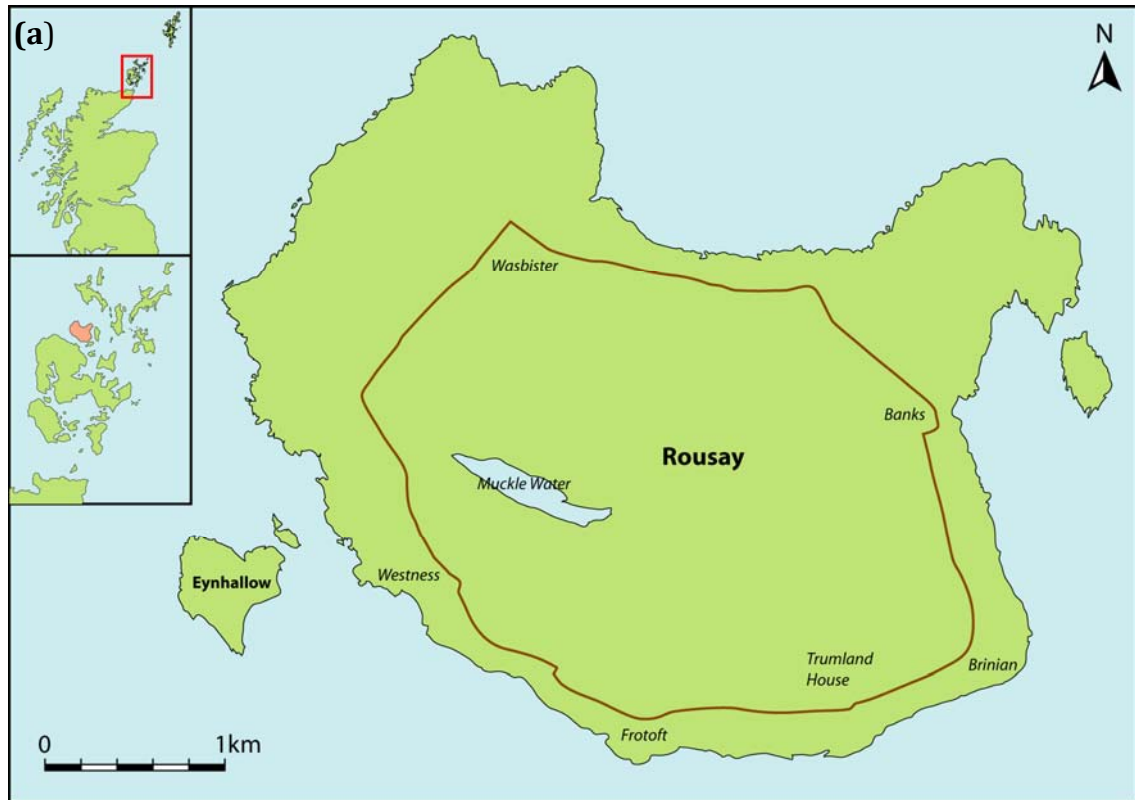


Figure 1: Location of (a) Rousay, and (b) the sites investigated at South Howe, Midhowe (ditch) and Swandro.

(Illus: D. Bashford)

2. The Mound of Brough (South Howe)

S.J. Dockrill

Alternative Name: Westside;
Site type: broch (possible)
Canmore ID: 2275
Site Number: HY33SE 10
NGR: HY 3727 3037
Council: ORKNEY ISLANDS
Parish: ROUSAY AND EGILSAY

2.1 Introduction

The mound at 'Brough', also known as South Howe, represents a man-made mound which contains an eroding Iron Age broch and houses. These structures seem to be overlaid by late Norse buildings which in turn are overlaid by 19th century middens. This broch is only a few hundred metres away from another broch settlement, Midhowe (excavated in the 1930's), which again is just a few hundred metres away from another settlement mound, North Howe, confirmed as another broch settlement by the results of a geophysical survey carried out in 2009 by Orkney College.

2.2 Research Objectives and Context

One of the research questions being investigated by the project is how these three brochs co-existed in such close proximity within Iron Age society and what happened to these settlements before and after the Vikings arrived.

The specific aim of the 2010 season at South Howe was the characterisation and examination of the potential of the surviving archaeology from the tapestry excavation of the cliff exposure. This would provide an understanding of the sequence within an absolute chronological framework, established by an AMS radiocarbon dating programme, and to allow sampling of deposits that might provide a palaeoeconomic understanding for the main settlement sequences.

It is hoped that such a datable sequence will allow a direct comparison to recent evidence dating the construction of the Old Scatness broch (Dockrill *et al.* 2006). Samples for flotation have been collected and will be processed in order to recover datable carbonised remains (six row-barley) and to inform on the arable economy of the site. It is hoped that this sampling will provide new Orcadian economic data directly comparable with that obtained from past excavations in Sanday (Pool and Tofts Ness), Mine Howe and also with Old Scatness (Shetland). The potential for bone survival will also be assessed and samples taken. Detailed comparison of bone data from this and other sites may be valuable in informing on specific questions of animal husbandry in Iron Age society as well as presenting a wider picture of economic changes and stresses associated with animal (mammal, fish and bird) exploitation over time. Middle Iron Age contexts at Old Scatness, for example, revealed unexpected evidence for conspicuous consumption in the form of rearing beef cattle, presumably associated with feasting.

This season formed Stage 1 of several years work on these exposed remains. Data from this investigation will contribute to the wider research agenda of the *Orkney Gateway to the Atlantic Project* (outlined below).

2.3 Archaeological Work carried out in 2010

Introduction

Coastal erosion has exposed the archaeological remains of a settlement mound that contains on its summit the deserted ruin of the farm of Brough. The active area of erosion clearly extends for some seventy metres and may extend even further. The site centres on the bisected remains of walling of broch proportions. This wall survives to a height of 2.5m and varies in width from 4.2m at its base to just under 3m at its highest point. Erosion to the west of this structure appeared to be recent, with a cove-like zone extending 2m inland. This zone contained orthostats and flagging, and together with the western wall (discussed above) formed Area A (Figure 2). A second zone of active erosion appears some 20m s to the east. Examination of this area of the eroded cliff revealed a number of walls; their straight alignments strongly suggest that these remains represented a later phase of settlement probably dating to a later medieval/post-medieval settlement sequence. This area formed the second zone for investigation and was recorded as Area C. (These zones are indicated on the panoramic views of the site in Plate 1 and Plate 2.)



Figure 2: Location of the excavated sections in Area A, South Howe. The dark circle represents the position of the broch (Illus: D. Bashford & R. Friel)

Area A (Plates 3a to 3c)

The large expanse of exposed wall core that forms the apex of the visible mound was not cleaned and was left *in situ* in order to maintain the stability of the wall. Turf and slippage was removed to reveal the outer-face [032] and the exposed wall core [048]. To the east of this truncated wall a faced edge ran northwards into the mound. This wall turned into a second faced edge that appeared to run westward

into the mound. This concentric alignment, although not investigated, appeared to form the inner wall of a broch-like roundhouse. The faced edge [047] is interpreted here as representing the west wall of a southern entrance. The *in situ* remains of a broken lintel stub [049] projected from the faced wall [047].

Midden [040] containing 19th century pottery, probably originating from the farm of Brough at the summit of the mound, appeared to seal the interior of the broch. At this point, the broch seems to have suffered from one or more severe erosion events in the past. This material may represent re-deposition from *in situ* deposits at the top of the mound as result of natural collapse, or cultural infill representing midden being tipped into earlier erosion events that may have taken place in the 19th century. This area was not excavated and requires further investigation to resolve the depositional sequence.

Effort in the 2010 season was concentrated on examining the deposits that were sealed by and butted the western outer wall face [032] (Plate 4). After initial cleaning, the section was cut back by tapestry excavation with the vertical section being stepped. The lower step was cut back approximately 0.5m from the cliff edge and this allowed the initial depositional sequence above “natural” to be investigated. This sequence consisted of a dark brown layer containing “shillet” (small sub-angular platy stones) [039], which was sealed by both the wall core [048] and the wall face [032]. The second level of the section was taken back to expose a wall fragment that appeared to be secondary to the faced wall of the broch (Plate 5). This faced wall comprised of at least three structural elements: [035] on the east, which butted the faced wall of the broch [032], the alignment of this wall was continued to the west by an orthostat [036], and on the western side of this upright the faced alignment continued ([037]). Removal of the upper layer of [039] revealed a contiguous layer of flags [041] under this wall line ([035], [036], [037]). Further excavation under this paving uncovered a brown soil layer [043], which butted the basal course of the outer wall face of the broch [032]. This deposit sealed a large flag [046], which may be associated with the broch construction. Investigation of this step within the section tapestry stopped after the definition of this flag.

The west end of this section element revealed a fragment of coursed walling [015] protruding from the turf (Plate 6). The upper stone appeared to be flag-like, sealing several courses, and was at a similar level to other nearby zones of paving including [041] to the east and [050] to the northwest. Both [041] and [050] are sealed by the same wall [037] (numbered [044] in the east section). This strongly suggests that [015] was utilised in this phase of paving and may represent some form of step or perhaps, and less likely, modification to an earlier phase of construction. These elements, however, predate the phase of construction represented by [037]/[036]/[035]. Adjacent to the lower level of [015], fragments of a lower level of fragmented paving [045] sealed a thin, dark greyish-brown silty clay [014], which in turn sealed bedrock. This makeup deposit was anthropogenic in origin, being mixed and containing a significant quantity of sheep bone. This context is significant as it represents the primary phase for this area of the site.

The cliff section was eroded back at this point for several metres and the resulting east facing exposure revealed a sequence comprising of bedrock sealed by yellow

boulder clay [021], which was sealed by a leached clay layer [020]. These deposits may be regarded as natural. The upper interface was sealed by a rough line of horizontal stones [050], which in turn was sealed by [052], a dark brown silty loam containing shillet. This deposit was sealed by the flag surface [050]. This was sealed by [051] a dark brown silty loam, which in turn was sealed by a mixed material representing mound slippage [013]. Protruding from this, in the northern (inland) section, was coursed stone-work [011]. This later walling indicated the potential for there being some structural complexity in this area. Unfortunately, this zone had been badly disturbed by marine erosion and the surrounding material here was very unstable.

The eroded coastal section turned at this point to an east-west alignment. The east end of this north section was again badly disturbed by marine erosion, however, the western portion revealed an intact archaeological sequence (Figure 3). This again displayed a sequence of bedrock sealed by yellow boulder clay [021] sealed by leached clay [020]. On the far west this was sealed by paving [006], and to the east [010]. Between these two sets of paving, large orthostats [007] and [009] were set parallel to each other (Plate 7). The eastern upright [009] sealed part of the paved surface [010]. This stone, and the adjacent stone [008], projected from the section and contained an infill of near horizontal tabular stones [022] and [018] within a dark-brown clay loam matrix [023]. Excavation of the section revealed that these deposits butted another orthostat [030]. This upright had been set at a right angle to [009]. Although [030] was not conjoined to [009], it sealed flagging [008] and was in turn sealed by three courses of faced walling [030]. The western upright appeared to contain the flagging [008]. At a higher level a second orthostat [017], immediately to the east of [009], protruded from the section. The base of this upright was at approximately the same level as the top of [009] and [007], and a line of horizontal stones [019] to the west of [007], which appeared to represent a roughly paved surface.

On the western end of this section and protruding from the turf were further structural features, including a fragment of walling [003] and two orthostats; [001] set at right angles to the cliff section and [002] at right-angles, parallel to the exposure. East of this another fragment of faced walling [005] butted the edge of a large orthostat [004] allowing its side to form a near contiguous faced edge with the wall fragment. These features, although not investigated further in 2010, indicate a later phase of settlement that can be clearly identified as being prehistoric in character.

Area C (Plates 8a and 8b)

The second element of the eroding coastline allowed the sampling of later deposits. Due to the erosion and resulting sloping topography of this zone of the cliff face it was possible to excavate part as a tapestry excavation and part as a conventional open area excavation. Construction techniques and form of the protruding dry-stone wall remains in this area suggested that the upper part of the exposed sequence was historic. A length of coastline some 8m long by 4m at the west end and 6m at the east end was cleared of turf and disturbed material [144] that had slipped over the eroded zone. The removal of this overburden revealed that the sea had created an angled truncation of the archaeological sequence, which had resulted in a

complicated sequence of truncated walls, floors and later middens. The *in situ* middens [101] dating to the 19th century (and earlier: context [124] contained a sherd from a 17th century pipkin) at the rear of the opened area could be sampled and investigated using the conventional techniques associated with horizontal excavation. The truncated deposits that were at a lower level and near to the rock-cut cliff were treated using the tapestry methods applied to much of Area A.

The late midden sequence was deemed to be of great value and was fully sampled as this material has been rarely sampled on other Orcadian sites.

Cleaning of the eroded section revealed a group of six truncated walls ([104], [105], [106], [107], [108] and [122]) were seen in cross-section and attest to a complicated sequence of building refurbishment and modification (Plate 9). The earliest activity in this central area was represented by a flagged floor surface [109] and wall remnant [122]. Both of these were constructed over the boulder clay [111] and a possible levelling layer [113].

This early phase of activity was truncated by a second construction phase that saw wall [122] being chopped through by the construction of a wall represented by contexts [107] and [108]. The foundations of this wall cut [112] the underlying boulder clay [111]. The interior of the early building, represented by [122] and [109], was infilled by a rubble levelling area. A substantial flagged floor was inserted over this, butting wall face [108]. The remains of a hearth [121] were associated with this floor level. A later construction phase saw the building of a cladding wall [106] butting the west face of wall [107]. At a higher level, to the west of wall face [106], a composite wall [105]/[104] represented a later building phase. Removal of the mixed overburden [144] below this wall revealed five courses of a wall stub [133] constructed on bedrock, which is seen to represent a primary building pre-dating the structure formed by [107]/[108]. The wall was butted by a rubble infill to the west [130] which in turn was sealed by [124], a dark brown clay loam containing angular fragments of sandstone. The upper part of the triangular wedge of [130] was sealed by three courses of collapsed/demolished walling [131] which dipped westward at an angle of approximately 30°. This appears to represent either purposeful demolition or a natural collapse event associated with the end of use of wall [133]. The former is more probable, but the limitation of the evidence available from the section makes the alternative scenario a possibility. It is probable that [129] post-dates [131] as a large tabular stone sits on the boundary between [130] and [129] and is probably part of this purposeful demolition or collapse event.

The eastern section revealed a complexity of structural remains centred upon the corner of a rectangular building represented by an east-west aligned wall fragment [119] which turned a 90° corner northwards [115]. The glacial boulder clay [111] had been deliberately cut [136] to the top surface of the bedrock. Several large stones [135] were placed on this scalped platform, one of which butted the cut [136] into the clay [111]. Wall [115] was constructed against the south-eastern extent of these large tabular stones. These stones were sealed by a flagged floor surface [132]. Above this floor, a sequence of infills (levelling) and paving survived, consisting of [134] midden and stone infill sealed by floor [137], sealed by infill [138], sealed by floor [120], sealed by stone and midden infill [127], sealed by floor [126]. This late

floor was in turn sealed by large stones within a midden matrix [125], which was sealed by a more fragmented layer of paving suggesting a possible upper floor surface.

2.4 Summary and Discussion

Two stretches of the eroding coastline were examined at South Howe in 2010. This provided an opportunity to evaluate, sample and record two contrasting stratigraphic sequences.

The western section incorporated the western wall of a broch-like structure and part of a surrounding extramural settlement. The archaeological record is consistent with an interpretation that this element of the mound dates to the Iron Age. Samples taken for AMS radiocarbon dating will, it is hoped, confirm this. The broch-like structure and the extramural settlement to the west both appear to have been constructed on a level single scalped platform, in places cutting the glacial boulder clay to bedrock. This strongly suggests that the primary activity across the investigated zone is near contemporary.

The interior of the broch appears to have suffered active erosion, cutting back inland leaving the main western wall truncated at the point of entry into the structure. The interior is in part covered by either slipped (due to erosion) or culturally dumped midden, which appears to be 19th century in date.

To the east, a complex sequence of walls and floors truncated by marine erosion indicates that there is an extensive medieval and post-medieval phase to this site, spreading beyond the topographical limits of the mound. This strongly suggests a slight shift in the settlement site to the side of the mound. Such a shift occurs on other multiperiod settlement mounds containing brochs, for example at Old Scatness and at Jarlshof in southern Shetland where the Norse settlement is adjacent to the Iron Age settlement mound. A similar situation may also be present at Swandro.



Plate 1. The eroding section prior to archaeological work. The two areas that formed the focus of this year's activity (Areas A and C) are indicated (Photo R. Friel).

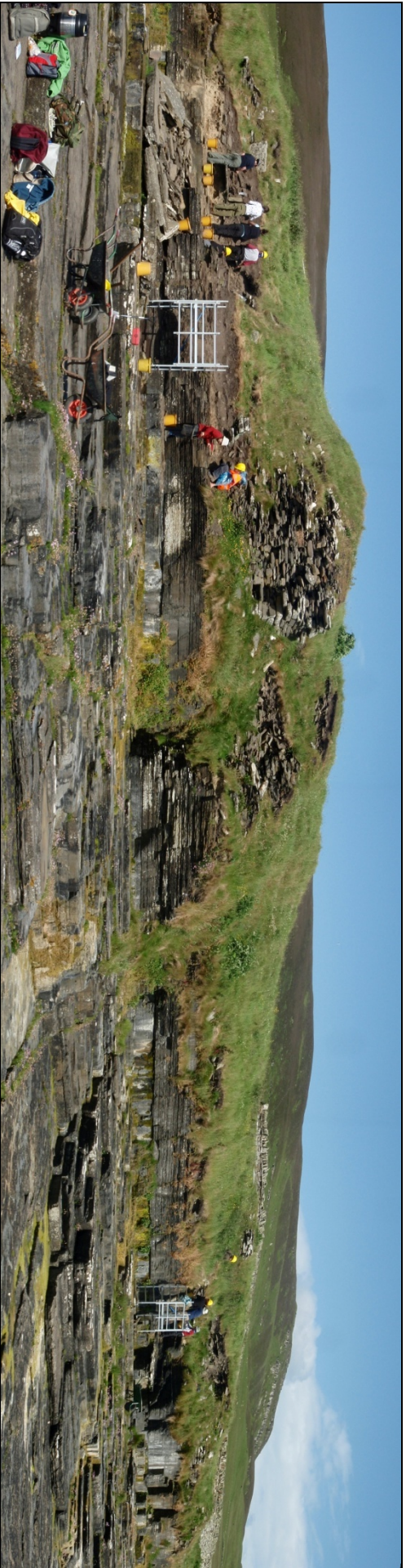


Plate2. A panoramic view of excavation of Area A (left-hand side and Area C (right-hand side)
(Photo R. Friel).

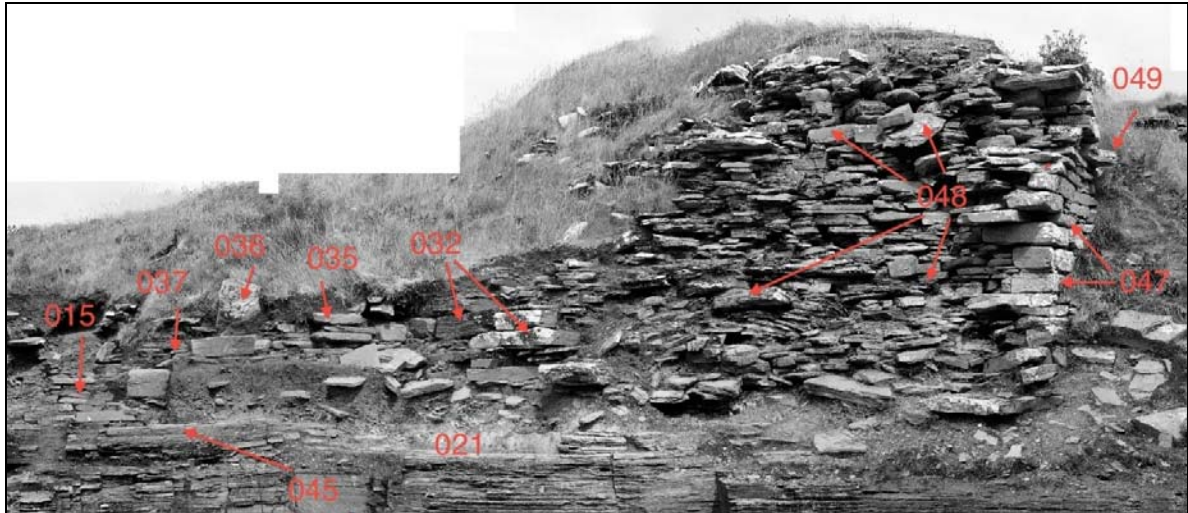


Plate 3a. East Section of South Howe Area A indicating significant stratigraphic contexts discussed in the text (Photo R. Friel, montage compiled by Annings).

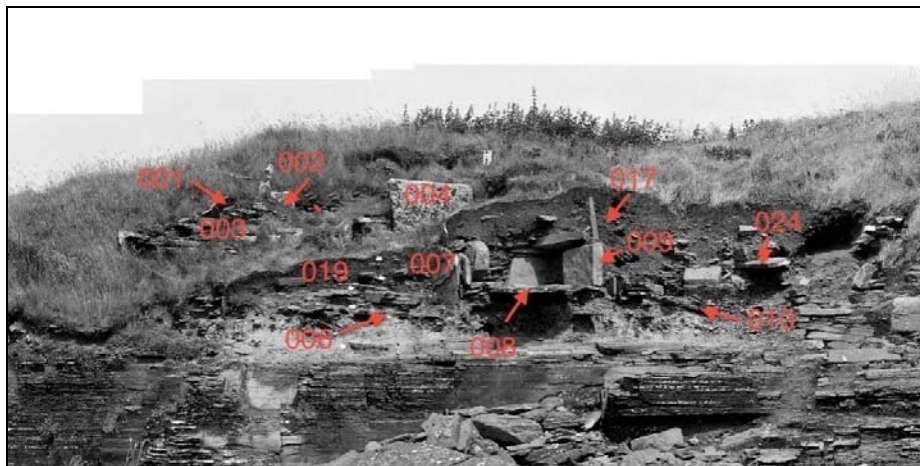


Plate 3b. West section of South Howe Area A indicating the significant stratigraphic contexts discussed in the text (Photo R. Friel, montage compiled by Annings).



Plate 3c. West section of South Howe Area A (Photo: R. Friel)

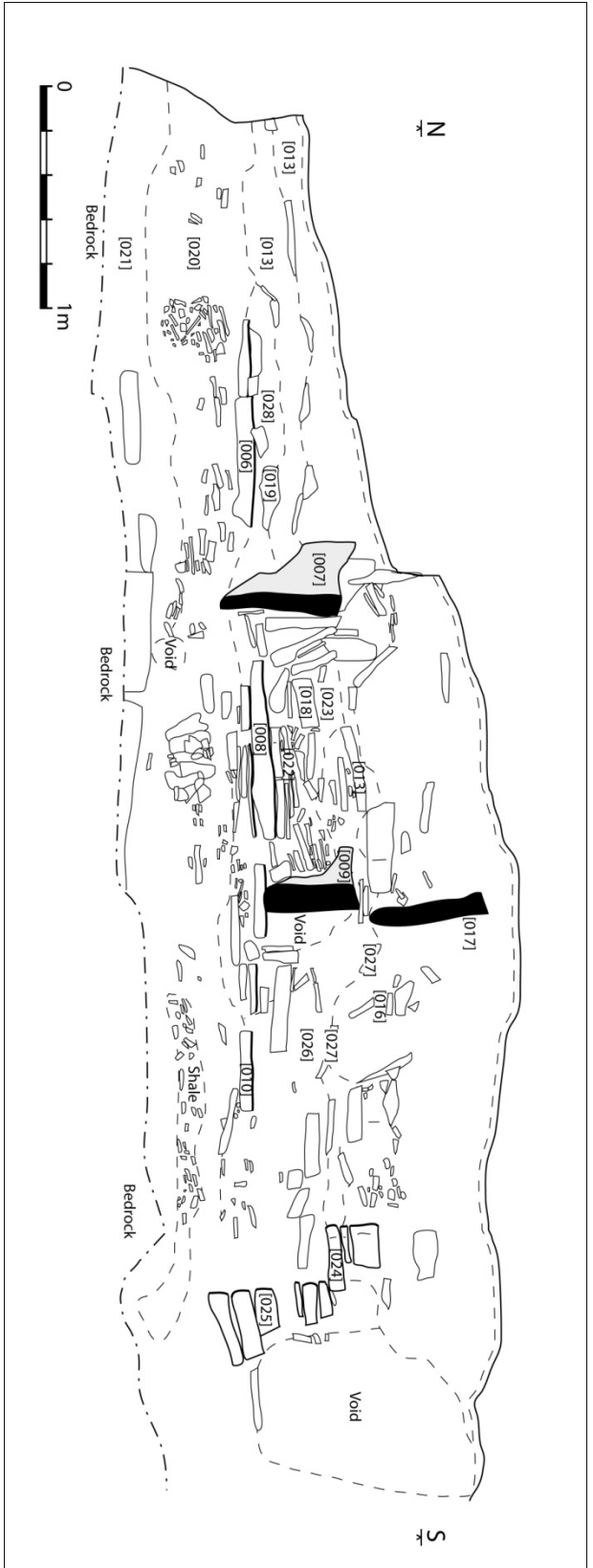


Figure 3. Section drawing of the West section of South Howe Area A, highlighting the significant stratigraphic contexts discussed in the text (Illus.: D. Bashford)



Plate 4. Outer face of the broch wall [032] as initially exposed, sealing make up layer [033] which in turns seals the natural bolder (yellow) clay (Photo S.J. Dockrill).



Plate 5. South Howe faced wall [032] indicated by the metre scale on the right in relation to the exposed cliff and broch wall-core with the faced passage (to the right) (Photo: S.J. Dockrill).



Plate 6. Wall [015]. Note that the archaeology seals the Rousay Flag bedrock at this point. The original buried soil and underlying boulder clay had been removed to form a level construction platform (Photo S.J. Dockrill).



Plate 7. The orthostatic lined feature and flag surface (orthostats [007] and [009] were set parallel to each other eastern upright [009] seals part of the paved surface [010]) (Photo: S.J. Dockrill)



Plate 8a.. Area C of the South Howe cliff section indicating significant contexts discussed in the text (Photo: R. Friel, montage compiled by Annings)



Plate 8b. Area C of the South Howe cliff section (Photo: R. Friel)



Plate 9. Area C with walls [104] indicated by top left black and white scale, [1333] lower left scale, wall [1080] to the left of the upright scale and [122]/[109] by the horizontal metre scale (Photo: S.J. Dockrill).

3. The Ditch Northeast of Midhowe

S.J. Dockrill

Site type: Ditch (Uncertain function - possible field boundary)

NGR: HY 37225 303616

Council: ORKNEY ISLANDS

Parish: ROUSAY AND EGILSAY

3.1 Introduction

A Fluxgate Gradiometry survey of the area northeast of the guardianship boundary of the Midhowe Broch demonstrated a clear magnetic anomaly running northeast for some 50m and then turning in a south, southeast direction. The strength of the anomaly was high for a ditch without a high content of magnetic material, although the apparent turn within the data suggested that this was a ditch-like feature of anthropogenic origin.

An assessment trench was cut into the ditch where it bisected 20m (northeast) gridline. The trench, measuring 9.55m by 2.8m, was machine-cut parallel to this northwest/southeast gridline of the geophysical survey.

3.2 The Excavation

The machine removal of the topsoil [301]/[302] allowed the undisturbed top of the ditch to be defined. The northwest boundary of the ditch was characterised by the presence of a distinctive layer of large tabular and platy stones [310]. These were seen across the width of the ditch at the interface with the bottom of the plough soil. They appeared loosely packed possibly in part due to disturbance caused by a plough clipping their top. The stones suggested the possibility of a small revetting wall, possibly retaining a bank. If this interpretation is correct, then the position of these stones in relation to their location within the ditch would mean that the bank was external to the enclosed area. The collapse or destruction of this possible bank would have occurred after the ditch had been filled as [310] clearly sealed the upper ditch fill [303].

The upper ditch fill [303] was in clear contrast to the plough soil [302]. The ditch fill was a lighter colour, a dark grey with an orange hue. Excavation was carried out from this point by hand. Layer [303] was relatively stone free and the boundary with the underlying deposit on the southeast side [312] of the ditch was very diffuse. There was a visible contrast with the underlying fill [307]/[308] occupying the northwest and central zone of the ditch. This fill was characterised by the inclusion of stones (varying between 40% and 50% of the deposit). These were fairly uniform in size range being between 12-15cm in their long axis by 6-8cm wide and 5cm deep and were within a matrix of dark brown silty clay loam. Context [312] was found to seal [308] suggesting that the infill was derived from the outside of the ditch (northwest). Set into the centre of this upper fill was an upright stone [316]. This stone appears to have been purposely erected as an orthostat within the infilled ditch, with its long axis longitudinal to the course of the ditch. In terms of stratigraphic order, this event would seem to pre-date the deposition the layer of large stones [310].

The stones in [307] and [308] were mainly sub-angular in shape and were present in the main fill sequence to the bottom of the ditch. In order to differentiate the lower fill of this material, the context was renumbered as [315], however, this lower part of the fill shared the same characteristics as the upper part. The long axis of the stones were in general, in the near horizontal position, and although there were a number that were angled, there was no significant bias to the direction of the dip. This deposit lacked any significant cultural inclusions apart from some occasional charcoal fragments and badly degraded bone, and despite sieving, no diagnostic artefacts were recovered. A primary silty deposit [314] was found on the bottom northwest side of the ditch, adding support to the theory that the infilling had taken place from this direction.

The ditch cut the natural boulder clay [304] on the northwest and [306] on the southeast, these two contexts are stratigraphically equivalent. A strong magnetic anomaly had been observed in the geophysical data adjacent to the southeastern edge of the ditch. A shillet-rich layer [311] at the base of the plough soil probably represented a natural sorting layer. This sealed a thin silty clay layer with a reddish hue (10YR 3/4) and some carbon flecking. No other cultural inclusions were observed with the careful excavation of this layer. This deposit in turn sealed a compact layer of large sub-angular platy stones [309] with mixed angles of deposition, some horizontal, others pitched. In turn this layer sealed a dark brown silty clay soil [317], which in turn sealed the glacially derived boulder clay [309].

This silty clay soil [317] may be interpreted as an old ground surface cut by the ditch, with the compact stone layer representing stone up cast from cutting the ditch. A similar sequence of events may have occurred on the area adjacent to the northwest edge of the ditch, however the surviving evidence here was less clear.

3.3 Discussion

The ditch northeast of Midhowe contained little in the way of cultural evidence, with no artefacts to suggest a date of infill. Its direction and orientation within the initial survey suggested a possible association with the Midhowe Chambered Cairn. Further geophysical survey after the excavation indicated that the turn in the ditch did not continue, and suggested that it turned to form a small enclosure. The infill sequence suggests material being deposited from the northwest (Plate 10). The near uniform nature of the stone within the greater part of the ditch fill is significant. In size it corresponds well to clearance stone seen in prehistoric clearance cairns. One possibility is that this ditch represents a field division associated with the broch, possibly designed to contain cattle. The presence of deeper arable soils to the northwest might facilitate such a containment feature in the vicinity of the broch. The thin depth of soil (plough and archaeological) and lack of cultural inclusions would strongly support a non-arable function if this were of Iron Age date. The interpretation of the infill of the depositing of clearance material is plausible and may have occurred over time. A boundary, possibly of turf and with a stone face (similar to the hill dyke of the crofting period), may have superseded the usefulness of the ditch. Although this hypothesis is in part conjecture, the model does provide a logical interpretation for the stratigraphic sequence. It is hoped that the samples taken for processing may yield material that might produce an AMS radiocarbon date.



Plate 10. Section through the Midhowe ditch showing the stone rich fill [307]/[308] (Photo: S.J. Dockrill).

4. The Knowe of Swandro

J.M. Bond

Site type: Settlement mound, multi-period

Canmore ID: 2169

Site Number: HY32SE 19

NGR: HY 3753 2966

Council: ORKNEY ISLANDS

Parish: ROUSAY AND EGILSAY

4.1 Introduction

The Knowe of Swandro was thought to be Iron Age in date. The site consists of a mound with obvious stone inclusions which is situated immediately behind a boulder beach on the Bay of Swandro, close to the Norse house site known as Westness (HY32 NE17, Kaland 1993). It was described by RCAHMS in 1946 as ‘the much disturbed remains of a stony mound.’ The Ordnance Survey thought that ‘the size and shape of this turf-covered mound suggests it to be the NE half of a broch, and a trench cut across it (but now filled in) revealed enough surviving walling to support this classification’ (records on Canmore: RCAHMS 12th report and inventory, p220, no. 579, RCAHMS 1982, p22 no. 72). The shape of the mound did suggest that there has been some previous disturbance; there appeared to be a crescent-shaped wall or ridge facing towards the sea which looked like the disturbed remains of a curving wall, surrounding an area which had large tumbled stones visible in the grass. It is not clear at what date the mound was investigated, or if it has been investigated more than once, as there is no published record. It may have been an antiquarian investigation, linked to the finding of a Viking period sword and shield boss (HY32NE 3; sword fragments now in National Museum of Scotland, Edinburgh; image available on SCRAN: www.scran.ac.uk). The circumstances of the finding of the sword in 1826 and a lengthy, detailed description and drawing are to be found in Anderson 1883, 45-47 (Fig.34). RCAHMS refers to ‘W G Grant’s incomplete and unpublished excavations at Swandro’ as the possible origin of a Viking silver ring (HY32 NE4). The mound may have been disturbed during Radford’s investigation of the nearby Westness Norse houses in the 1950’s or 60’s, which would fit better with the Ordnance Survey’s observation of the filled-in trench in 1972; no such trench is visible today. One of this year’s objectives was to attempt to locate these earlier excavations.

4.2 Research objectives

The objectives for the 2010 season’s work at the Knowe of Swandro were firstly to locate the earlier excavation trench and secondly to attempt to characterise the mound which has been variously described as a broch, a ‘mutilated turf-covered mound’ (OS 1967) and a ‘stony mound’. Evidence of erosion along the back of the boulder beach dictated investigation of this area to characterise the extent of the site and the threat from erosion. In the event, the planned investigation extended further onto the beach rather than along the coastline as it became obvious that the site itself extended under the storm beach towards the tide line.

4.3 Archaeological work carried out in 2010

Area B (Plate 11 and Figure 4)

A small trench, 2.5mx8m, was opened across the SE end of the curving 'wall' and hollow (Area B). After cleaning, a complex series of features was revealed. The hollow centre of the mound, which had appeared to be the result of earlier investigations, seems not to have been disturbed; there was a very fine and even layer of shillet sealing this area which appeared to be a weathering deposit ([1001]). A tumble of rocks ([1002]) sealed both [1001] and butted a stone feature which appeared to be structural and may be a partially destroyed length of wall ([1003]). Two other small stone features ([1004], [1005]) may also be fragments of walling butted by [1002] but this cannot be determined without excavation. There was an area of paving composed of large, flat worn stones in the east of the trench ([1007]) which butted or sealed [1003]. This was sealed by a small patch of limpet midden, [1006], in the NE corner of the trench. The very top of an orthostat, [1008], was visible in the SE corner of the trench.

As it was clear that these contexts formed part of larger features which would not be comprehensible unless a much greater proportion was visible, none of these contexts were excavated. The area was simply cleaned, planned and photographed and the contexts recorded. However, some conclusions can be drawn. There are a number of phases to this part of the mound and the presence of worn paving at the very top of the sequence and sealing or butting an earlier wall suggests that the site is not a single structure. The presence of the undisturbed shillet suggests that wherever the earlier investigations were located (and the tumble of stone next to the possible wall [1003] is suggestive) the hollow area is not the result of this but rather represents a weathering layer over undisturbed contexts.

The tops of a series of orthostats had been noted among the boulders and shingle of the storm beach and it was felt that these should be investigated, since they appeared to be a hitherto unrecognised part of the site.

Area A (Plate 12 and Figure 5)

Investigation of odd features on the beach below the eroding site produced a surprising result which has completely changed our understanding of this enigmatic mound. The tops of stones partly buried by the boulder beach turned out to be orthostats – upright stones forming part of a prehistoric building, under the boulders and within a metre or so of the high tide mark. Although the tops of the stones are worn and battered by the sea, the beach has partly protected the deposits and animal bone and pottery was recovered that suggested that this structure dates to the Late Bronze Age or Early Iron Age. At that time the sea level would have been several metres lower and the sea much further away from the settlement. These discoveries show that Swandro is a much bigger and longer-lived settlement than it was initially thought and is a perfect example of both the potential of these sites and the necessity of investigation before the sea takes them forever.

An irregular area some 6m by 6.5m was cleared of beach material to provide greater definition of the protruding orthostats. The beach material consisted of storm beach boulders and pebbles [001], which were found to overlay sand and shingle [002]. At

the landward side an older storm beach was formed by large sub-rounded stones [003]; these overlaid a series of flatter sub-rounded stones [004], which in turn sealed a layer of midden and small stones, with evidence of charcoal flecking, animal bone, and limpet shells [006]. This layer appears to represent *in-situ* midden and to surround or butt the orthostatic alignments.

Work defining the archaeological features suggests the presence of two sides of a structure, the nature of which is difficult to define without further clearance. The north western side was composed of an orthostatic setting of two parallel uprights [016]. The alignment was continued by orthostat [015] at a slight angle; orthostat [029] may be associated with this. A curvature is suggested by a line of orthostats [014]. This curved turn provides a near ninety degree change in alignment, with the line being continued by five other orthostats, the first two of which were numbered [013]. After a gap of some 0.5m, the alignment was continued by orthostat [012] and then by two adjoining uprights [017]. Adjacent to the south east end of [012], an upright stone [011] was set at right angles.

The curved alignment of orthostats was butted by a concentric arc of flat stones [009]. This concentric alignment may have been continued by flags [008] to the north east of [013]. A layer of midden and stone [043] infilled the area contained by [011] and [017].

Parallel to the alignment created by orthostats [012] and [017] was a single long orthostat [024]. The orthostat [018], set at a right angle to the alignment of [035], appeared to form a boundary to a zone or cell formed by [024], [018] and [017]. A curved arc of orthostats [025] and [031] provided an opposing boundary, extending from the north western end of [024] and linked to [014]. The area defined by this orthostatic feature contained angular flat rubble [019], which was clearly of archaeological origin. Context [019] sealed large paving stones [020] and an ash based midden [021], which in turn sealed a large structural flag [022] that butted orthostat [024]. The western part of the alcove was infilled by rounded blocky stones and sand [023] appearing to be remnants of the overlying storm beach. A similar infill [026] existed between an orthostatic slot [028], suggested by a setting of two parallel orthostats and orthostat [031] which defined a second, much smaller alcoved zone or cell. A trimmed flag [035] butted the long orthostat [024]. Within the space defined by orthostats [028] and [016] was a layer of midden [039] that contained bone, pottery and limpet shell.

4.4 Summary and discussion

Although the features on the beach had not been noted or recorded in recent times, there are two earlier references to Swandro which suggest they may have been more visible (and possibly further from the tide line) in the recent past. Barry (1805, 62) describes a place called Sweindro, about a quarter of a mile to the west of Westness where there is a 'plain on the shore' which 'has on it immense piles of stones, evidently the ruins of some ancient structure, around which are to be seen graves formed with stones set on edge, as in some other places,...' This might be thought to be a reference to the Westness (Moaness) cemetery, but is curiously similar to the RCAHMS 1946 description of Swandro as 'The much disturbed remains of a stony

mound. To judge from *a series of large slabs set on edge* over an area roughly 72ft x 24ft, there may have been a group of graves here, possibly of Viking origin.' There is no evidence of orthostats around the Swandro mound today, except for the structures on the beach, but this would suggest that the present day coastline and the boulder beach covering the features is of quite recent origin.

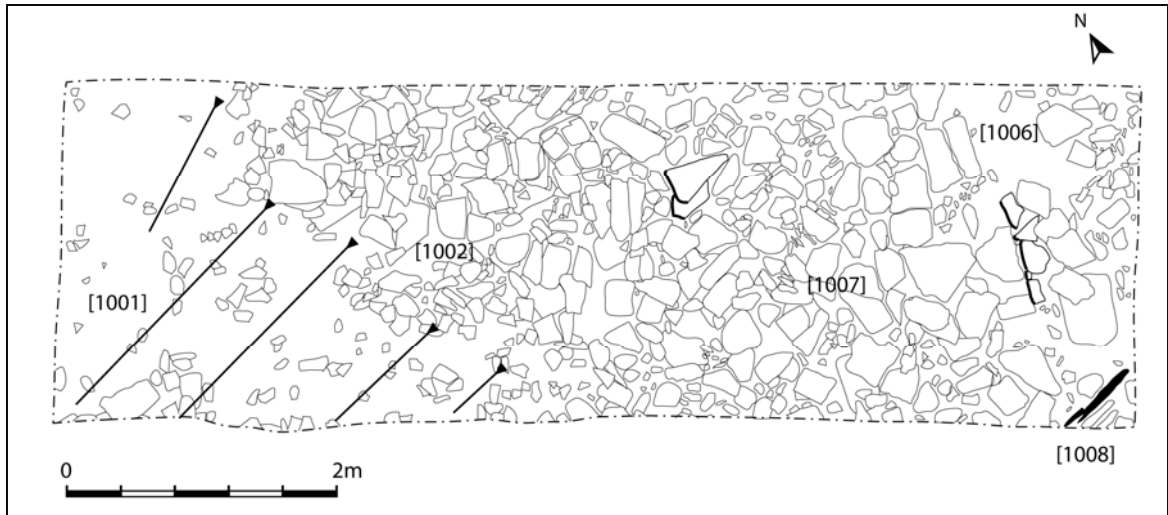


Figure 4: Plan of the excavated features recorded in Area B of Swandro, highlighting the significant stratigraphic contexts discussed in the text (Illus: D. Bashford)

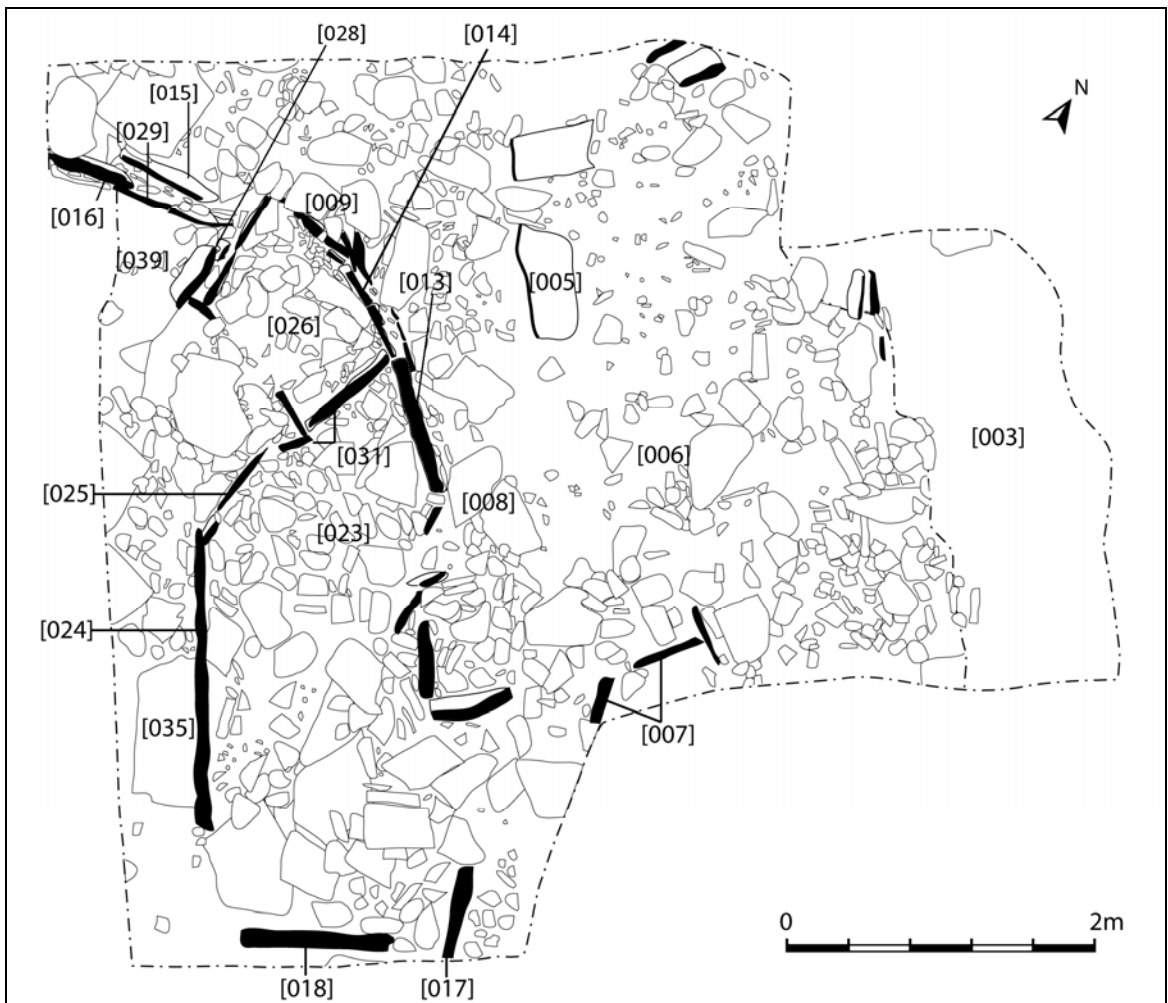


Figure 5: Plan of the excavated features recorded in Area A of Swandro, highlighting the significant stratigraphic contexts discussed in the text (Illus: D. Bashford)



Plate 11: Area B of the excavations at the Knowe of Swandro (Photo: J.M. Bond)



Plate 12: Area A of the excavations at the Knowe of Swandro (Photo: J.M. Bond)

5. Summary of the Finds from the 2010 season

Z. Outram

5.1 Introduction

In total, 19 small finds were recorded from the Mound of Brough (South Howe), 16 small finds from the Knowe of Swandro and 3 small finds from the ditch northeast of Midhowe. Here, the term 'small find' refers to the single unique identifier attributed to an individual artefact, or in some cases groups of an artefact type found together, for example a group of pottery sherds. The exact location of each 'small find' is tagged and then three-dimensionally recorded using a total station linked to the 'Penmap' survey package. This provides the potential for the analysis of the spatial distribution of the assemblage.

A list of artefacts recovered from the excavations has been provided in Appendices III and VI, but several of items deserve to be mentioned in more detail.

5.2 Worked stone

Two significant items were recovered from the excavation, which included a Skail knife from the Knowe of Swandro (SWR10, SF019, [039]) and a circular stone disc, sometimes referred to as a pot lid, from the Mound of Brough (SHR10, SF008, [028]).

The Skail knife was recovered from the structure situated on the beach (Area A), and from a midden deposit located between orthostats [016] and [029]. The knife was constructed from a beach cobble which had been struck to form a sub-oval flake; there were clear chip marks along the sharpened edge. Skail knives have been recorded on sites in the Northern Isles spanning the Neolithic to the Iron Age.

The pot lid was recovered from Area AA of the excavations at the Mound of Brough, from a midden deposit that sealed a possible layer of paving (context [019]). The edges of the artefact demonstrated that it had been shaped by the edges being chipped, forming an approximately circular disc 13cm in diameter.

5.3 Pottery and Fired Clay

Items of pottery and fired clay dominated the assemblages from both the mound of Brough and the Knowe of Swandro, with 8 and 13 individual small finds being recorded respectively. The majority of the items represented fragments of prehistoric pottery. However, a sherd of 17th century redware (SF066, [124]) was recovered from Area C from the Mound of Brough which displayed rilling on the external face, with a brown glaze on the interior of the vessel. The prehistoric pottery recovered from the Mound of Brough was generally orange-brown in colour with rounded and everted rims (e.g. SF002, [013]).

The pottery recovered from the Knowe of Swandro was generally thicker than the sherds recovered from the Mound of Brough; the curvature recorded on the body sherds of the fragments (such as SF011 and SF012) suggests that the vessels may have been quite large, but more work is required to verify this. The pottery was grey-brown-orange in colour with rounded rims that were slightly everted (e.g.

SF007 and SF010). The majority of the pottery fragments were found within the midden deposits [033] and [039].

5.4 Metal

A total of three fragments of metal were recovered from the excavations: two fragments of iron were recovered from the Mound of Brough (SF016 & SF017) and a possible item of iron or burnt clay was recorded from the Knowe of Swandro (SF014). It was not clear what these items related to and further work is required.

In addition to the items of metal, three fragments of fuel ash slag (SF005) were recovered from context [013] from the Mound of Brough. The slag had a glassy appearance which may suggest a high silica content, but further work is required to determine this, and the processes involved in its production.

5.5 Worked bone

A total of three items of worked bone were recovered from the excavations: two from the Knowe of Swandro (SF004 & SF006) and one from the Mound of Brough (SF010). SF004 from the Knowe of Swandro was the most significant of these items, being a small fragment of bone with a serrated edge. It may represent a single fragment of a composite comb but further work is required to verify this. It was recovered from a layer of topsoil and loose stones (context [1000], Area B), from the excavations of the mound.

6. Environmental Evidence

Z. Outram

The environmental sampling programmes used at the three sites assessed during the 2010 excavation season were vital in addressing the research aims proposed at the start of the project. Deposits were extensively sampled for a range of standard environmental techniques to ensure that the maximum amount of information was collected.

Bulk samples were taken from all significant contexts at the sites, such as middens, floor surfaces, and the material infilling the ditch. In total, seven bulk samples were taken from the Mound of Brough sampling seven different contexts. The excavations at the Knowe of Swandro produced three bulk samples from two different contexts, sampling midden contexts [003] and [039]. The excavations at the ditch northeast of Midhowe produced two bulk samples from two contexts, [314] and [315] which represented the basal fills of the ditch.

In addition to bulk samples, spot samples were collected from discrete, significant deposits from the Mound of Brough. The samples included SF061, SF073 and SF074 which sampled a concentration of juvenile sheep bones that were directly sealed by a possible layer of paving [045], Area A2. Samples were also collected of an articulated fish skeleton from the base of the midden [116] from Area C.

In order to maximise the information available from some of the more delicate deposits reached during the 2010 season at the Knowe of Swandro, micromorphological samples were collected from midden deposits [033] and [039] from the structure on the beach. This work was carried out by Dr. Jo McKenzie, University of Bradford.

The samples collected from the 2010 excavation season are in the process of being investigated, providing evidence of mammal and fish bones, charred plant remains and marine shells. The bulk samples will be processed in a flotation tank in Bradford: the light fraction will be collected in a 500µm mesh and the residue in a 1mm mesh. The samples have been processed in part by trained volunteers from the University of Bradford, and their analysis is ongoing. The assessment of the samples forms part of an undergraduate dissertation carried out by Stodart (Section 8.1).

7. Dating

Z. Outram

The main aim of the dating programme of the Gateway to the Atlantic Project is to provide a precise absolute chronology for the development of the sites under assessment. This is seen as an essential part of the overall research agenda, allowing the sites to be compared, and allowing a model of how the settlement and society of Rousay changed through time.

In addition to the archaeological dating methods of stratigraphy and typology, AMS radiocarbon dating forms the major component of the dating strategy. Contexts for dating will be selected based on the availability of suitable material, the integrity of the deposit and the importance of its position within the stratigraphic sequence.

The AMS technique allows small samples to be dated, reducing interpretive difficulties due to contamination, delayed use and residual material. The main material used will be charred barley grains due to the short-lived and seasonal nature of the grains. The grains will be obtained by flotation of carefully excavated samples. The results of the radiocarbon dating will be calibrated using the Oxford Radiocarbon Accelerator unit programme OxCal v.4.1 (Bronk Ramsey 2009) that utilises the most recent Reimer *et al.* (2009) calibration curve (INTCAL09) and, where appropriate, Bayesian models will be used to interpret the results. The final results will be presented in appropriate academic publications.

Three samples have been selected during the post-excavation phase of the project for AMS radiocarbon dating, which have been summarised in Table 1

Site code	SF No.	Context	Description	Material sampled
SWR10	063	039	Midden deposit between orthostats [016] and [029]	Charred barley (<i>Hordeum sp.</i>)
SHR10	084	043	Brown material sealed by a series of flagstones that formed a floor surface within the structure that butts the broch (defined by wall [035])	Charred oat grains (<i>Avena sp.</i>)
SHR10	073	014	Brown material directly sealed by the paved surface (context [045]) and wall [015]. The sampled material represents the articulated remains of a sheep laid within a hollow in the bedrock.	Sheep bone (<i>Ovis aries</i>)

Table 1: Summary of the samples sent for dating from the sites of Swandro (SWR10) and South Howe (SHR10)

8. Project Outcomes

8.1 Research Projects

Division of AGES, University of Bradford

C.A. Stodart (2011) A preliminary assessment of the environmental evidence from the 'Gateway to the Atlantic' project excavations, June 2010. Unpublished undergraduate dissertation.

8.2 Presentations

S.J. Dockrill and J.M. Bond (2010). The Gateway to the Atlantic: The Rousay Field School 2009. Presented at the NABO Spring Meetings, Museum of Scotland and University of Edinburgh, 25th March 2010.

S.J. Dockrill and J.M. Bond (2010) The Gateway to the Atlantic: The Rousay Field-school 2010. Open lecture presented at the Rousay School, Rousay, Orkney, July 2010.

S.J. Dockrill and J.M. Bond (2010). Orkney Gateway to the Atlantic, *Rousay: A Barometer for change*. Presented at the 'Archaeology and community and other development work in Orkney', North Atlantic Biocultural Organisation Meeting. Orkney College, October 2010 Orkney.

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- University of Bradford
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APPENDIX I

MOUND OF BROUGH (SOUTH HOWE): DESCRIPTION OF CONTEXTS

SHR10	050	A1	FLAG(S)	STONE	LINE OF HORIZONTAL STONES THAT BUTTS THE WALL [015], AND PART OF THE SAME STRUCTURAL FEATURES AS [037] AND [044]	FLAGGED FLOOR SURFACE			051	051	052				037, 044	
SHR10	051	A1	LAYER		DARK BROWN MATERIAL SEALING POSSIBLE FLAGGED FLOOR SURFACE [050]. CONTAINS SMALL HORIZONTAL STONES											
SHR10	052	A1	LAYER		GREY-BROWN MATERIAL SEALED BY POSSIBLE FLAGGED FLOOR SURFACE [050]. CONTAINS SOME SMALL PLATEY STONES AND SHILLET											
SHR10	053	A1	LAYER	STONE	LINE OF HORIZONTAL STONES SEALED BY [052] ABD SITTING ON TOP OF THE LEACHED CLAY HORIZON [020]											
SHR10	054	A2	WALL	STONE	LARGE SQUARE STONE - PART OF A WALL ELEMENT CUTTING [015]		TROWEL									
SHR10	055	A2			SHILLET LAYER BELOW [045] AND [054]. SEALS THE BEDROCK											
SHR10	101	C	LAYER	MIDDEN	LIMPET RICH MIDDEN, CONTAINS LATE 19TH CENTURY POTTERY AND GLASS	LATE POST-MEDIEVAL MIDDEN TIPPED OVER THE EDGE OF THE CLIFF EDGE, SEALS ARCHAEOLOGICAL FEATURES AND WALLS [104], [105], AND [107] WHICH MUST HAVE BEEN EXPOSED	TROWEL	ROOTS, GRASS, NETTLES	013	013	123				116	MIDDEN CONTAINS LATE 19TH-EARLY 20TH CENTURY POTTERY AND GLASS. IT EXTENDS DOWN THE FACE OF WALLS [106], [107], AND [108]. SEE SKETCH IN DAY BOOK
SHR10	102	C	LAYER	SOIL	SOIL, SEALED BY STONES [103], ON THE FACE OF THE SECTION TO THE NORTH OF WALL [104] AND [105]	19TH CENTURY SOIL, TIPPED OR SLUMPED OVER CLIFF	TROWEL	ROOT, GRASS, NETTLES	103	103	123					
SHR10	103	C	LAYER	STONE	INTERMITTENT LAYER OF SMALL/MEDIUM (0.1-0.3M) FLAT STONES LYING ON THE TOP SURFACE OF THE SOIL [102]	19TH CENTURY MATERIAL TIPPED OVER CLIFF	TROWEL		013	013	102					
SHR10	104	C	WALL	INNER-FACE	INNER FACE OF WALL		TROWEL								105	
SHR10	105	C	WALL	OUTER-FACE	OUTER FACE OF WALL, INNER FACE IS [104]		TROWEL								104	
SHR10	106	C	WALL	STONE	SINGLE-FACED WALL OR INFILL BETWEEN WALLS [104/105] ABD [107]		TROWEL		104							
SHR10	107	C	WALL	STONE	DOUBLE-FACED WALL, [107] IS THE OUTER FACE		TROWEL		106						120, 108	
SHR10	108	C	WALL	STONE	DOUBLE-FACED WALL, INNER FACE		TROWEL								107, 120	
SHR10	109	C	FILL	STONE	SINGLE COURSE OF STONWORK, CONTINUES IN LINE WITH WALL REMNANT [122]	BASAL COURSE OF DEMOLISHED WALL, EARLIEST PHASE OF STRUCTURE VISIBLE IN SECTION	TROWEL		110	110	113	122			122, 128?	
SHR10	110	C	LAYER	SOIL	INFILL LAYER OF STONES AND MIDDEN BETWEEN FLOOR LAYERS [109] ABD [120]		TROWEL		120	120	109					
SHR10	111	C	LAYER	CLAY	YELLOW CLAY NATURAL SEALING SANDSTONE BEDROCK	GLACIAL CLAY NATURAL	MATTOCK		113	113						
SHR10	112	C	CUT		CUT FOR FOUNDATIONS OF WALL [107]/[108]		TROWEL		113	113	111					
SHR10	113	C	LAYER	CLAY	YELLOW-BROWN STONEY CLAY - REWORKED NATURAL [111]	POSSIBLE LEVELLING LAYER ASSOCIATED WITH THE PRIMARY BUILDING PHASE [109], [122]	TROWEL		109, 108	109	111					
SHR10	114	C	WALL	STONE	SINGLE-FACED WALL RUNNING E-W. BUTTS OUTER FACE OF E-W WALL [115]		TROWEL									
SHR10	115	C	WALL	DOUBLE-FACED	DOUBLE-FACED WALL (E-W), CONTEMPORARY WITH N-S WALL [119]. EXTENDS BACK FROM CLIFF EDGE FOR APPROXIMATELY 2.8M. UPPER 0.45M MORE HEAVILY WEATHERED THAN THE INNER PART		TROWEL		114						119	
SHR10	116	C	LAYER	STONE	LAYER OF SMALL, ANGULAR STONES IN A DARK SANDY MATRIX, CONTAINS 19TH CENTURY AD MATERIAL		TROWEL		013	013	123				101?	
SHR10	117	C	FLAG(S)	STONE	LAYER OF SMALL FLAGS TO WEST OF N-S WALL [119]	POSSIBLY A FLOOR OR PATH	TROWEL		116	116	118					
SHR10	118	C	LAYER	SOIL	THIN LAYER OF STONEY SOIL BETWEEN POSSIBLE FLAGS [117] ABD YELLOW CLAY NATURAL [111]		TROWEL		117	117	111					
SHR10	119	C	WALL	DOUBLE-FACED	WALL (N-S). AT RIGHT-ANGLES TO , AND POSSIBLY ASSOCIATED WITH E-W WALL [115]		TROWEL		116	116	111					

SHR10	120	C	FLAG(S)	STONE	STONE FLAGGED FLOOR. REPRESENTS ITS SECONDARY PHASE OF CONSTRUCTION. IT BUTTS, AND IS PROBABLY ASSOCIATED WITH WALL [107]/[108]		TROWEL		127	127	110				
SHR10	121	C	LAYER		LAYER OF ORNAGE-RED ASH AND HEAT-REDDENED STONES AT THE BASE OF INFILL LAYER [127] (REST OF ASH IS YELLOW BROWN, SEE [127])	ASH MIDDEN, PART OF ASHY INFILL OF MAKE-UP LAYER [127]	TROWEL			126	120				127
SHR10	122	C	WALL		REMNANT OF WALL ASSOCIATED WITH WALL [109] TRUNCATED BY CONSTRUCTION OF WALL [107]/[108], FLOOR [120]		TROWEL		110	110	113				109
SHR10	123	C	LAYER	STONE	LAYER OF SMALL STONES, SEALED BY [102]. THE STONES ARE WITHIN A DARK SOIL MATRIX (IN SE CORNER OF THE TRENCH)		TROWEL		102	116	128				
SHR10	124	C	LAYER	SOIL	COMPACT SOIL LAYER IN NE CORNER OF AREA C		TROWEL		102	102	130				
SHR10	125	C	LAYER	MIDDEN	LAYER OF STONE AND MIDDEN MATERIAL BETWEEN FLAGGED SURFACE [126] AND POSSIBLE FLAGS [128]. MIDDEN MATERIAL CONTAINS FISH BONE		TROWEL		128						
SHR10	126	C	FLAG(S)	STONE	LAYER OF FLAGS		TROWEL		125	125	142				
SHR10	127	C	LAYER	MIDDEN	INFILL LAYER OF STONES AND MIDDEN MATERIAL BETWEEN FLOORS [120] AND [126]. CONTAINS LENS OF FISH BONES (SPOT SAMPLE SF070)		TROWEL		126	143	120				
SHR10	128	C	FLAG(S)	STONE	THREE LARGE FLAGS, POSSIBLY A REMNANT OF A FLOOR SURFACE		TROWEL		123	123	125				
SHR10	129	C	LAYER	SOIL	DARK SOIL CONTAINING ANGULAR FRAGMENTS OF FLAG-LIKE FRAGMENTS OF SANDSTONE IN NORTHERN SECTION OF TRENCH. FLAGS DO NOT FOLLOW SLOPE AS IN OVERLYING LAYERS. WALL [105] APPEARS TO BE CONSTRUCTED ON/WITHIN THIS CONTEXT		TROWEL		124	105	130				
SHR10	130	C	STONE	SOIL	SLUMPED STONES BY THE BASE OF [106] AND [104]. STONES ARE WITHIN A SOIL MATRIX		TROWEL		129	129	133				129?
SHR10	131	C	WALL	STONE	THREE COURSES OF SLUMPED MASONRY, DIPPING 30 DEGREES TO NORTH. THIS MATERIAL HAS TOPPLED OFF WALL REMNANT [133]		TROWEL		124	124	130				
SHR10	132	C	FLAG(S)	STONE	PRIMARY FLAGGED FLOOR IN SE SECTION OF TRENCH, POSSIBLY ASSOCIATED WITH WALL [122]/[109]	FLOOR SURFACE	TROWEL		134	134	135				122, 109?
SHR10	133	C	WALL	STONE	WALL FRAGMENT. FIVE COURSES OF STONWORK REMAINING. ASSOCIATED WITH [131]. BUILT DIRECTLY ON BEDROCK. THE STONWORK APPEARS TO BE A REMNANT OF AN E-W WALL. THE S FACE APPROX ALIGNS WITH WALL [106] BUT THE N FACE DOES NOT		TROWEL		130	130	BEDROCK				
SHR10	134	C	LAYER	MIDDEN	LAYER OF FLAG-LIKE STONES AND MIDDEN DEPOSITS BETWEEN [132] AND [139]		TROWEL		137	139	132				
SHR10	135	C	STONE	SOIL	TOW LARGE STONES IN A DARK SOIL MATRIX, SEALING THE SANDSTONE BEDROCK AND CONTAINED BY CUT [136]		TROWEL		132	132					
SHR10	136	C	CUT		CUT INTO THE GLACIAL CLAY [111]. CONTAINS [135]. ON DIFFERENT ALIGNMENT TO THE VARIOUS N-S AND E-W WALLS		TROWEL		135	135	111				
SHR10	137	C	FLAG(S)	STONE	LAYER OF FLAGSTONES. MERGES INTO FLAGSTONE LAYER [120]		TROWEL		138	138	140				
SHR10	138	C	LAYER	STONE	INFILL LAYER BETWEEN FLAGSTONES [137] AND [120]. MAINLY FLAG-LIKE STONES, IN A MIDDEN MATRIX		TROWEL		120	120	137				
SHR10	139	C	FLAG(S)		LAYER OF FLAGSTONES		TROWEL		140	140	134				
SHR10	140	C	LAYER	MIDDEN	INFILL LAYER CONTAINING FLAG-LIKE STONES, DARK MIDDEN MATERIAL AND A THIN ORANGE ASH LAYER (0.04M) AT THE BASE		TROWEL		137	137	139				ASH LAYER AT THE BASE OF THE DEPOSIT 7.5YR 6/8 (REDDISH YELLOW)
SHR10	141	C	ORTHOSTAT	STONE	ORTHOSTAT SET INTO GLACIAL CLAY [111], NO VISIBLE CUT FOR SETTING. MEASUREMENTS 0.35x0.06M. MAY BE ASSOCIATED WITH CUT [136] WHICH IS ADJACENT AND APPEARS TO BE ON A SIMILAR ALIGNMENT		TROWEL		132	132	111				

SHR10	142	C	LAYER	MIDDEN	BROWN MIDDEN DEPOSIT WITH CHARCOAL FLECKS. LAYER OF FISHBONE AT BASE OF CONTEXT, BELOW A THIN (C.1CM) LAYER OF LIGHT GREY ASH	INFILL BETWEEN FLAGGED FLOOR	TROWEL		126	126	143				SPOT SAMPLE SF071
SHR10	143	C	FLAG(S)	STONE	LAYER OF SMALL FLAGS	FLOOR	TROWEL		142	142	127				

APPENDIX II
MOUND OF BROUGH (SOUTH HOWE):
DESCRIPTION OF THE EXCAVATED DEPOSITS

APPENDIX III

MOUND OF BROUGH (SOUTH HOWE): LIST OF SMALL FINDS

SF NO	SITE CODE	AREA	CONTEXT	CORRECTED TYPE	CORRECTED DESCRIPTION	CORRECTED NOTES
001	SHR10	A	013	BONE	FISHING WEIGHT	NOT BONE - IT'S A COMPOSITE MATERIAL
002	SHR10	A	013	POTTERY	POTTERY FRAGMENT (RIM)	
003	SHR10	A	013	WORKED STONE	WORKED STONE	
004	SHR10		013	POTTERY	POTTERY (BODY SHERD)	
005	SHR10	A	013	SLAG	3 FRAGMENTS OF FULE ASH SLAG	
006	SHR10	A2	014	POTTERY	POTTERY (BODY SHERD)	
007	SHR10	C	013	POTTERY	POTTERY (BODY SHERD)	
008	SHR10	AA	028	WORKED STONE	POT LID	
009	SHR10	C	101		BUTTON	
010	SHR10	AA	028	BONE	WORKED BONE WITH PARTIAL HOLE THROUGH THE SHAFT	NATURAL OR ANTHROPOGENIC?
011	SHR10	AA	016	WORKED STONE	HAMMER STONE	
012	SHR10	AA	016	POTTERY	FRAGMENT OF POTTERY	
013	SHR10	AA	026	WORKED STONE	FRAGMENT OF A HAMMER STONE	
014	SHR10	C	116	POTTERY	FRAGMENT OF PREHISTORIC POT	
015	SHR10	A2	013	WORKED STONE	POSSIBLE WORKED STONE	
016	SHR10	A2	039	IRON	FRAGMENT OF IRON	
017	SHR10	A2	039	IRON	FRAGMENT OF IRON	
018	SHR10	A2	044	POTTERY	3 FRAGMENT OF POTTERY	
019	SHR10	C	125	BONE	HORN FRAGMENT	
061	SHR10	A2	014	OTHER	SPOT	CONCENTRATION OF SHEEP BONE
062	SHR10	AA	028	OTHER	BULK	MATERIAL IN BETWEEN LAYERS OF FLAG STONES [006] AND [019]
063	SHR10	C	101	OTHER	BULK	LIMPET MIDDEN
064	SHR10	AA	023	OTHER	BULK	BROWN MATERIAL INFILLING FEATURE DEFINED BY [007/009]
065	SHR10	AA	016	OTHER	BULK	BROWN SLUMPED LAYER CONTAINING BONE
066	SHR10	C	124	POTTERY	FRAGMENT OF 17TH CENTURY POTTERY	
067	SHR10	C	116	OTHER	SPOT	BASE OF [116], POSSIBLE ARTICULATED FISH MIDDEN
069	SHR10	A2	039	OTHER	BULK	SHILET LAYER
070	SHR10	C	127	OTHER	SPOT	
071	SHR10	C	142	OTHER	SPOT	
072	SHR10	AA	026	OTHER	BULK	BROWN MATERIAL CONTAINING BONE & SHELL, SEALED BY POSSIBLE FLAGGED FLOOR
073	SHR10	A2	014	OTHER	SPOT	CONCENTRATION OF SHEEP BONE
074	SHR10	A2	014	OTHER	SPOT	CONCENTRATION OF SHEEP BONES, SEALED BY [045]
084	SHR10	A2	043	OTHER	BULK	BROWN MATERIAL BUTTING THE BASE OF THE BROCH WALL

APPENDIX IV
MOUND OF BROUGH (SOUTH HOWE): LIST OF PHOTOS

SLIDE/ SLIDE REF	TYPE	DATE	CONTEXT	DESCRIPTION
RF001	DIGITAL	22/06/2010	047	WALL FACE OF BROCH ENTRANCE PASSAGE
RF002	DIGITAL	22/06/2010	000	STRUCTURAL FEATURE WITHIN THE BROCH MOUND, TO SOUTH OF ENTRANCE PASSAGE
RF003	DIGITAL	22/06/2010	047, 048, 032, 049	THE BROCH ENTRANCE PASSAGE AND WALL REMAINS, VIEW LOOKING NORTH
RF004	DIGITAL	22/06/2010	047, 048, 049, 032	THE BROCH ENTRANCE PASSAGE AND WALL REMAINS, VIEW LOOKING EAST
RF005	DIGITAL	22/06/2010	007, 010, 017, 008, 019, 001, 006, 004, 003, 002	SECTION AA, VIEW LOOKING EAST, PRIOR TO EXCAVATION
RF006	DIGITAL	22/06/2010	032, 048, 049	OVERVIEW OF BROCH MOUND, VIEW LOOKING SOUTH EAST
RF007	DIGITAL	28/06/2010	007, 011, 022, 023, 026, 013, 020, 021, 003, 010, 006, 018, 008, 005, 004, 002, 019	WORKING SHOT OF AREA AA UNDER EXCAVATION
RF008	DIGITAL	28/06/2010	105, 108, 104, 101, 013, 102, 103, 107	WALL ELEMENTS AND TUMBLE IN NORTHERN END OF AREA C, VIEW LOOKING NORTH-WEST (WORKING SHOT)
RF009	DIGITAL	28/06/2010	013, 032, 048	WORKING SHOT, EXCAVATION OF SECTION A2, VIEW LOOKING SOUTH-EAST
RF010	DIGITAL	02/07/2010	028, 023, 0, 22, 017, 010, 024, 027, 025, 050, 008, 009, 011, 013, 002, 003, 016, 004, 019, 018, 006, 001, 020, 021, 007, 005	SECTION AA, VIEW LOOKING EAST
RF011	DIGITAL	02/07/2010	050, 048, 032, 015, 045, 053, 021, 052, 051, 013, 011, 020	SECTION A1, VIEW LOOKING SOUTH
RF012	DIGITAL	02/07/2010	013, 015, 032, 036	SECTION A2, VIEW LOOKING EAST
RF013	DIGITAL	02/07/2010	009, 006, 016, 010, 008, 022, 005, 004, 048, 015, 036, 013, 032, 048, 023, 017	AREA A, VIEW OF SECTION A2 AND THE BROCH, VIEW LOOKING EAST
RF014	DIGITAL	02/07/2010	121, 116, 109, 120, 122, 111, 013, 104, 105, 102, 103, 114, 017	AREA C, VIEW LOOKING EAST FOLLOWING DETURFING
RF015	DIGITAL	02/07/2010	032, 040, 047, 048, 049	OVERVIEW OF THE BROCH REMAINS, VIEW LOOKING NORTH EAST
RF016	DIGITAL	02/07/2010	018, 017, 007, 016, 023, 020, 006, 011, 005, 019, 048, 004, 049, 032, 013, 015, 001, 002, 003, 047	OVERVIEW OF AREA A, VIEW LOOKING NORTH-EAST
RF017	DIGITAL	02/07/2010	122, 116, 101, 107, 111, 120, 106, 105, 013, 104, 103, 102, 114, 108	OVERVIEW OF AREA C, VIEW LOOKING NORTH-EAST
RF018	DIGITAL	05/07/2010	009, 013, 020, 022, 004, 031, 010, 030, 008, 007, 017	DETAIL OF BLOCKED FEATURE, VIEW LOOKING EAST
RF019	DIGITAL	05/07/2010	004, 010, 007, 013, 020, 022, 017, 009, 030, 008, 031, 007	DETAIL OF BLOCKED FEATURE (SECTION AA), VIEW LOOKING SOUTH-EAST
RF020	DIGITAL	06/07/2010	032, 040, 047, 048, 049	BROCH WALL, VIEW LOOKING NORTH-EAST
RF021	DIGITAL	06/07/2010	048, 007, 045, 038, 015, 039, 037, 013, 034, 036, 035, 032, 049, 010, 047, 031, 009, 022, 030, 008, 040	OVERVIEW OF SECTION A2 AND BROCH WALL, VIEW LOOKING EAST
RF022	DIGITAL	10/07/2010	015, 044, 055, 054, 045, 039	DETAIL OF SHEEP BONE CACHE (SF073b) ASSOCIATED WITH FLAG SURFACE [045], VIEW FROM ABOVE
RF023	DIGITAL	10/07/2010	055, 039, 045, 015, 054	DETAIL OF SHEEP BONE CACHE (SF073b) ASSOCIATED WITH FLAG SURFACE [045], VIEW FROM ABOVE
RF024	DIGITAL	10/07/2010	039, 015, 054, 055	DETAIL OF SHEEP BONE CACHE (SF073b) ASSOCIATED WITH FLAG SURFACE [045], VIEW FROM ABOVE
RF025	DIGITAL	10/07/2010	015, 054, 045, 039, 055	DETAIL OF SHEEP BONE CACHE (SF073b) ASSOCIATED WITH FLAG SURFACE [045], VIEW FROM ABOVE
RF026	DIGITAL	10/07/2010	015, 055, 039, 054, 045	DETAIL OF SHEEP BONE CACHE (SF073b) AFTER REMOVAL OF THE MANDIBLES AND SCAPULA, REVEALING LONG BONES, VIEW FROM ABOVE
RF027	DIGITAL	10/07/2010	054, 055, 039, 015, 045	DETAIL OF SHEEP BONE CACHE (SF073b) AFTER REMOVAL OF THE MANDIBLES AND SCAPULA, REVEALING LONG BONES, VIEW FROM ABOVE
RF028	DIGITAL	10/07/2010	015, 045, 055, 054, 039	DETAIL OF AREA WHERE SHEEP BONE CACHE WAS LOCATED (SF073b), AFTER BONES WERE REMOVED, VIEW FROM ABOVE
RF029	DIGITAL	10/07/2010	055, 015, 045, 054, 039	DETAIL OF AREA WHERE SHEEP BONE CACHE WAS LOCATED (SF073b), AFTER BONES WERE REMOVED (SF074 STILL VISIBLE), VIEW LOOKING NORTH-EAST
RF030	DIGITAL	10/07/2010	055, 045	DETAIL OF BONE CACHE SF074, VIEW LOOKING NORTH-EAST
RF031	DIGITAL	10/07/2010	022, 006, 054, 008, 039, 055, 045, 015, 021, 020, 013, 010, 017, 026, 024, 019, 007, 009	DETAIL OF WALL [015] AND ASSOCIATED FEATURES, VIEW LOOKING NORTH-EAST

RF032	DIGITAL	10/07/2010	024, 010, 054, 007, 008, 009, 019, 006, 015, 039, 022, 017, 026, 013, 020, 021, 055, 045	DETAIL OF WALL [015] AND ASSOCIATED FEATURES, VIEW LOOKING NORTH-EAST
RF033	DIGITAL	10/07/2010	032, 015, 044, 021, 020, 053, 052, 051, 013, 050, 011, 048	SECTION A1, VIEW LOOKING SOUTH
RF034	DIGITAL	10/07/2010	031, 007, 008, 022, 001, 002, 003, 004, 005, 006, 013, 019, 020, 009, 021, 030, 017, 016, 010, 024, 025, 011, 026, 050, 028, 024	SECTION AA, VIEW LOOKING EAST
RF035	DIGITAL	10/07/2010	054, 035, 045, 039, 015, 021, 040, 049, 009, 048, 037, 032, 036, 013, 034, 020, 008, 031, 030, 017, 044, 047	OVERVIEW OF SECTION A2 AND BROCH WALL, VIEW LOOKING EAST
RF036	DIGITAL	10/07/2010	039, 049, 048, 047, 032, 035, 013, 034, 045, 015, 021, 037, 054, 044, 040, 009, 017, 030, 031, 008, 020, 036	OVERVIEW OF SECTION A2 AND BROCH WALL, VIEW LOOKING EAST
RF037	DIGITAL	10/07/2010	040, 047, 048, 049	BROCH ENTRANCE PASSAGE, VIEW LOOKING NORTH-EAST
RF038	DIGITAL	10/07/2010	035, 046, 038, 039, 013, 042, 041, 034, 032, 036	VIEW OF BROCH OUTER WALL AND NORTHERN EXTRAMURAL ELEMENTS, VIEW LOOKING NORTH-EAST
RF039	DIGITAL	10/07/2010	013, 046, 039, 042, 034, 035, 032	DETAIL OF BROCH OUTER WALL AND NORTHERN EXTRAMURAL ELEMENTS, VIEW LOOKING NORTH-EAST
RF040	DIGITAL	10/07/2010	054, 024, 011, 038, 055, 045, 015, 036	DETAIL OF WALL ELEMENT [015], VIEW LOOKING EAST
RF041	DIGITAL	10/07/2010	042, 015, 044, 051, 011, 050, 045, 054, 055, 037, 013, 041, 046, 034, 035, 032, 038	VIEW OF BROCH OUTER FACE AND NORTHERN EXTRAMURAL ELEMENTS, VIEW LOOKING SOUTH-EAST
RF042	DIGITAL	10/07/2010	044, 052, 025, 024, 037, 036, 039, 015, 038, 051, 050, 011, 054, 055, 045	DETAIL OF WALL [015] AND ASSOCIATED ELEMENTS, VIEW LOOKING EAST
RF043	DIGITAL	10/07/2010	040, 047, 048, 049	VIEW OF BROCH ENTRANCE WALL, VIEW LOOKING NORTH
RF044	DIGITAL	10/07/2010	040, 047, 048, 049	OVERVIEW OF BROCH ENTRANCE WALL, VIEW LOOKING NORTH-EAST
RF045	DIGITAL	10/07/2010	040, 047, 048	DETAIL OF LOWER COURSES OF BROCH ENTRANCE, VIEW LOOKING NORTH-EAST
RF046	DIGITAL	10/07/2010	019, 054, 040, 047, 048, 049, 015, 045, 036, 037, 038, 032, 055, 039, 001, 002, 003, 004	OVERVIEW OF THE BROCH AND ASSOCIATED EXTRAMURAL FEATURES, LOOKING NORTH-EAST
RF047	DIGITAL	10/07/2010	047, 049	DETAIL OF THE UPPER COURSES OF THE BROCH ENTRANCE, VIEW LOOKING NORTH
RF048	DIGITAL	10/07/2010	047, 049	DETAIL OF THE UPPER COURSES OF THE BROCH ENTRANCE, VIEW LOOKING NORTH
RF049	DIGITAL	10/07/2010	020, 015, 009, 021, 052, 008, 007	WORKING SHOT, RECORDING ON SITE AREA AA
RF050	DIGITAL	10/07/2010	038, 050, 044, 051, 013, 042, 034, 035, 032, 011, 037, 039, 054, 045, 015, 036	VIEW OF WALL [015] AND BROCH EXTERNAL FACE, VIEW LOOKING SOUTH-EAST
RF051	DIGITAL	12/07/2010	038, 055, 036, 040, 026, 009, 017, 010, 024, 039, 054, 045, 037, 015, 035, 034, 046, 032, 048, 049, 011	VIEW OF THE BROCH AND SECTION A2, VIEW LOOKING EAST
RF052	DIGITAL	12/07/2010	032, 042, 013, 039, 048, 046, 049, 047, 035	VIEW OF THE BROCH, LOOKING EAST
RF053	DIGITAL	12/07/2010	030, 008, 010, 026, 001, 002, 003, 004, 006, 017, 019, 020, 021, 007, 009, 022, 040, 005, 038, 047, 049, 048, 036, 032, 008, 035, 046, 044, 034, 037, 041, 054, 055, 015, 045, 042, 039	OVERVIEW OF AREA A, VIEW LOOKING NORTH-EAST
RF054	DIGITAL	12/07/2010	019, 041, 036, 038, 044, 011, 045, 055, 054, 026, 010, 015, 039, 020, 005, 013, 022, 030, 008, 007, 009, 006, 004, 002, 001, 021, 003,	VIEW OF SECTION AA, VIEW LOOKING NORTH-EAST
RF055	DIGITAL	12/07/2010	039, 040, 032, 035, 046, 049, 038, 041, 036, 044, 054, 055, 045, 015, 042, 034, 013	VIEW OF SECTION A2 AND BROCH, VIEW LOOKING EAST
RF056	DIGITAL	12/07/2010	034, 015, 045, 046, 42, 032, 035, 038, 036, 044, 045, 054	VIEW OF SECTION A2 AND BROCH, VIEW LOOKING SOUTH-EAST
RF057	DIGITAL	12/07/2010	035, 032, 039, 042, 048, 034, 054, 045, 015, 013, 055, 044, 038, 036, 046	VIEW OF SECTION A2, VIEW LOOKING EAST
RF058	DIGITAL	12/07/2010	015, 045, 044, 042, 054, 024, 038, 047, 055, 034, 011, 048, 032, 046, 042, 035, 013, 036	VIEW OF SECTION A2 AND BROCH, VIEW LOOKING SOUTH-EAST
RF059	DIGITAL	12/07/2010	026, 039, 045, 055, 054, 044, 038, 015, 036, 051, 013, 011, 025, 020, 021, 010, 024	DETAIL OF WALL [015] AND ASSOCIATED ELEMENTS, VIEW LOOKING EAST
RF060	DIGITAL	12/07/2010	046, 034, 035, 038, 039, 032, 036	DETAIL OF BROCH OUTER WALL FACE, VIEW LOOKING EAST
RF061	DIGITAL	12/07/2010	044, 021, 015, 011, 045, 010, 020, 054, 008, 013, 024, 026, 001, 009, 007, 019, 006, 005, 004, 003, 002	VIEW OF SECTION A, VIEW LOOKING NORTH-EAST
RF062	DIGITAL	12/07/2010	017, 007, 019, 008, 009, 030, 031, 006, 024, 013, 026, 010	DETAIL OF THE BLOCKED FEATURE IN SECTION AA, VIEW LOOKING EAST
RF063	DIGITAL	12/07/2010	034, 046, 042, 039, 036, 035, 038, 013, 054, 055, 045, 015, 011, 037, 032, 048, 040, 044	VIEW OF SECTION A2 AND THE BROCH, VIEW LOOKING SOUTH-EAST
RF064	DIGITAL	12/07/2010	026, 054, 036, 037, 045, 011, 055, 020, 021, 025, 024, 013, 038, 015	DETAIL OF WALL [015], VIEW LOOKING EAST
RF065	DIGITAL	12/07/2010	020, 026, 036, 025, 001, 002, 003, 010, 017, 007, 015, 045, 055, 054, 044, 038, 004, 022, 030, 008, 009, 019, 006, 013, 021, 024	VIEW OF SECTION AA, LOOKING NORTH-EAST

RF066	DIGITAL	12/07/2010	039, 038, 036, 035, 034, 032, 046, 042, 045, 020, 052, 048, 015, 050, 054	VIEW OF SECTION A2 AND BROCH, VIEW LOOKING SOUTH-EAST
RF067	DIGITAL	12/07/2010	044, 007, 009, 017, 010, 026, 024, 025, 050, 030, 051, 019, 053, 036, 038, 054, 055, 045, 015, 011, 003, 008, 001, 002, 004, 005, 006, 021, 020, 013	VIEW OF SECTION AA AND A1, VIEW LOOKING SOUTH-EAST
RF068	DIGITAL	12/07/2010	005, 025, 031, 030, 026, 006, 024, 022, 017, 019, 008, 007, 003, 002, 001, 009, 004	DETAIL OF BLOCKED FEATURE, AREA AA, VIEW LOOKING SOUTH-EAST
RF069	DIGITAL	12/07/2010	020, 021, 046, 034, 036, 035, 048, 045, 032, 044, 050, 015	VIEW ALONG SECTION A2 TOWARDS THE BROCH, VIEW LOOKING SOUTH
RF070	DIGITAL	12/07/2010	053, 048, 046, 032, 038, 036, 044, 015, 020, 052, 051, 011, 050, 021	VIEW OF SECTION A1 AND BROCH, VIEW LOOKING SOUTH
RF071	DIGITAL	12/07/2010	047, 049	VIEW OF THE BROCH ENTRANCE, VIEW LOOKING NORTH-WEST
RF072	DIGITAL	12/07/2010	126, 120, 127, 116, 125, 123, 111, 115	VIEW OF AREA C, VIEW LOOKING SOUTH
RF073	DIGITAL	12/07/2010	126, 120, 127, 116, 125, 123, 111, 115	DETAIL OF AREA C, VIEW LOOKING SOUTH
RF074	DIGITAL	12/07/2010	055, 015, 44, 039, 045, 054	DETAIL OF NOTHERN END OF SECTION A2, VIEW FROM ABOVE
RF075	DIGITAL	12/07/2010	055, 045, 015, 044, 039, 054	VIEW OF THE NORTHERN END OF SECTION A2, VIEW FROM ABOVE
RF076	DIGITAL	12/07/2010	054, 055, 039, 044, 045, 050, 015, 020	VIEW OF THE NORTHERN END OF SECTION A2, VIEW FROM ABOVE
RF077	DIGITAL	12/07/2010	041, 036, 039, 042, 045, 032, 046, 034, 054, 038, 035	VIEW OF SECTION A2 AND OUTER WALL OF THE BROCH, VIEW FROM ABOVE
RF078	DIGITAL	12/07/2010	042, 041, 039, 046, 034, 035, 032, 048	DETAIL OF THE OUTER BROCH WALL FACE AND ASSOCIATED FEATURES
RF079	DIGITAL	12/07/2010	035, 039, 046, 042, 032, 013, 034, 041	DETAIL OF OUTER BROCH WALL FACE, VIEW LOOKING EAST
RF080	DIGITAL	02/07/2010	000	PANORAMA OF AREA C DURING EXCAVATION
RF081	DIGITAL	28/06/2010	000	PANORAMA OF AREAS A AND C DURING EXCAVATION
RF082	DIGITAL	11/07/2010	000	PANORAMA OF SECTIONS AA, A1 AND A2, VIEW LOOKING SOUTH-EAST
RF083	DIGITAL	11/07/2010	000	PANORAMA OF SECTIONS AA, A1 AND A2, VIEW LOOKING SOUTH-EAST
RF084	DIGITAL	11/07/2010	000	PANORAMA OF AREA A, VIEW LOOKING EAST
RF085	DIGITAL	02/07/2010	000	PANORAMA OF AREA C, VIEW LOOKING EAST
RF086	DIGITAL	11/07/2010	000	PANORAMA OF AREAS A AND C DURING EXCAVATION, VIEW LOOKING EAST
RF087	DIGITAL	11/07/2010	000	PANORAMA OF AREAS A AND C DURING EXCAVATION, VIEW LOOKING EAST
RF088	DIGITAL	12/07/2010	000	PANORAMA OF AREA A, VIEW LOOKING EAST
RF089	DIGITAL	12/07/2010	000	VIEW ALONG AREA A LOOKING SOUTH-EAST
RF090	DIGITAL	22/06/2010	000	VIEW OF SOUTH HOWE PRIOR TO EXCAVATION
RF091	DIGITAL	22/06/2010	000	VIEW OF SOUTH HOWE PRIOR TO EXCAVATION (AREA A)
SHNEGATIVE 1	DIGITAL		035, 037, 034, 043, 046, 042, 036, 038, 013, 032, 041	VIEW OF SECTION A2 AND OUTER WALL OF BROCH, VIEW LOOKING EAST
SHNEGATIVE 10	DIGITAL		010, 031, 030, 026, 024, 022, 021, 020, 017, 009, 008, 007, 006, 005, 004, 003, 001, 002, 019	VIEW OF SECTION AA LOOKING EAST
SHNEGATIVE 11	DIGITAL		006, 005, 004, 003, 002, 010, 017, 019, 007, 031, 030, 026, 024, 009, 021, 001, 020, 008	VIEW OF SECTION AA LOOKING EAST
SHNEGATIVE 12	DIGITAL		113, 122, 120, 104, 109, 101, 105, 102, 103, 106, 107, 108, 013	VIEW OF AREA C FOLLOWING INITIAL EXCAVATION, VIEW LOOKING EAST
SHNEGATIVE 13	DIGITAL		113, 105, 102, 104, 106, 107, 108, 109, 110, 013, 122, 103, 120	VIEW OF AREA C FOLLOWING INITIAL EXCAVATION, VIEW LOOKING EAST
SHNEGATIVE 14	DIGITAL		115, 116, 117, 118, 119	VIEW OF AREA C, VIEW LOOKING SOUTH-EAST
SHNEGATIVE 15	DIGITAL		108, 109, 107, 106, 122, 120, 101, 113, 013, 104, 105, 110	VIEW OF AREA C FOLLOWING INITIAL EXCAVATION, VIEW LOOKING EAST
SHNEGATIVE 16	DIGITAL		109, 013, 104, 122, 120, 110, 108, 107, 106, 105, 101, 113	VIEW OF AREA C FOLLOWING INITIAL EXCAVATION, VIEW LOOKING EAST
SHNEGATIVE 18	DIGITAL		116, 119, 117, 115, 118	VIEW OF AREA C, VIEW LOOKING SOUTH-EAST
SHNEGATIVE 19	DIGITAL		118, 115, 116, 117, 119	VIEW OF AREA C, VIEW LOOKING SOUTH-EAST
SHNEGATIVE 2	DIGITAL		038, 032, 036, 046, 043, 041, 035, 034, 042, 013	VIEW OF SECTION A2 AND OUTER WALL OF BROCH, VIEW LOOKING EAST
SHNEGATIVE 3	DIGITAL		034, 042, 046, 036, 037, 038, 041, 035, 032, 013, 048	VIEW OF SECTION A2 AND OUTER WALL OF BROCH, VIEW LOOKING EAST
SHNEGATIVE 4	DIGITAL		038, 013, 032, 036, 034, 035, 041, 042, 043, 037, 015, 045, 054, 039, 046	VIEW OF SECTION A2 AND OUTER WALL OF BROCH, VIEW LOOKING NORTH-EAST
SHNEGATIVE 5	DIGITAL		030, 002, 004, 020, 006, 007, 008, 009, 001, 031, 003, 045, 010, 026, 024, 022, 021, 017, 019, 054, 005	VIEW OF SECTION AA LOOKING EAST
SHNEGATIVE 6	DIGITAL		021, 031, 030, 054, 045, 015, 026, 022, 020, 019, 005, 001, 002, 024, 004, 017, 006, 007, 008, 009, 010, 003	VIEW OF SECTION AA LOOKING EAST

SHNEGATIVE 7	DIGITAL		008, 007, 001, 002, 003, 004, 006, 030, 005, 031, 054, 045, 015, 026, 024, 022, 021, 020, 019, 017, 009, 010	VIEW OF SECTION AA LOOKING EAST
SHNEGATIVE 8	DIGITAL		035, 045, 015, 041, 039, 038, 013, 036, 034, 048, 032, 054, 037	VIEW OF SECTION A2 LOOKING EAST
SHNEGATIVE 9	DIGITAL		013, 022, 024, 026, 030, 031, 020, 019, 017, 009, 004, 001, 002, 008, 007, 021, 006, 003, 005, 010	VIEW OF SECTION AA LOOKING EAST
SHR1	DIGITAL		002, 001, 017, 010, 009, 008, 007, 006, 005, 004, 003, 013	VIEW OF SECTION AA PRIOR TO EXCAVATION, VIEW LOOKING NORTHEAST
SHR10	DIGITAL		039, 032, 020, 034, 033, 032, 033	DETAIL OF THE BROUCH OUTER WALL AND THE RELATIONSHIP TO THE SURROUNDING CONTEXTS
SHR11	DIGITAL		015, 045	DETAIL OF THE SMALL FRAGMENT OF WALL NORTH OF THE BROCH
SHR12	DIGITAL		009, 022, 023, 008, 039, 007, 015, 017, 045	DETAIL OF THE SMALL FRAGMENT OF WALL NORTH OF THE BROCH, VIEW LOOKING NORTH-EAST
SHR13	DIGITAL		033, 047, 039, 034, 032	DETAIL OF THE BROUCH OUTER WALL AND THE RELATIONSHIP TO THE SURROUNDING CONTEXTS
SHR14	DIGITAL		000	WORKING SHOT OF PEOPLE EXCAVATING SECTIONS AA AND A1
SHR15	DIGITAL		009, 003, 002, 005, 023, 006, 022, 024, 025, 026, 027, 007, 004, 008, 010, 001, 021, 016, 020, 019, 017	SECTION AA FOLLOWING THE INITIAL EXCAVATION
SHR16	DIGITAL		023, 024, 025, 026, 027, 021, 005, 008, 009, 022, 006, 017, 019, 020, 004, 010, 003, 002, 001, 016, 007	SECTION AA FOLLOWING THE INITIAL EXCAVATION
SHR17	DIGITAL		013, 026, 023, 022, 021, 020, 016, 010, 009, 008, 007, 006, 004, 017, 019	DETAIL OF THE STRUCTURE FEATURE IN SECTION AA
SHR18	DIGITAL		001, 021, 022, 023, 024, 025, 026, 008, 020, 027, 006, 005, 002, 004, 007, 019, 009, 010, 013, 016, 017, 003	SECTION AA FOLLOWING INITIAL EXCAVATION
SHR19	DIGITAL		022, 019, 027, 023, 021, 020, 026, 017, 004, 005, 007, 008, 009, 010, 013, 016	SECTION AA FOLLOWING INITIAL EXCAVATION
SHR2	DIGITAL		013, 001, 006, 003, 004, 005, 002, 007, 008, 009, 017, 032, 010	VIEW OF SECTION AA AND A2 PRIOR TO EXCAVATION, VIEW LOOKING NORTHEAST
SHR20	DIGITAL		023, 026, 017, 016, 004, 006, 007, 008, 009, 020, 01, 010, 019, 022	DETAIL OF THE STRUCTURAL FEATURE IN SECTION AA
SHR21	DIGITAL		027, 025, 020, 021, 022, 023, 024, 019, 026, 017, 002, 013, 010, 009, 008, 007, 006, 005, 003, 001, 016, 004	SECTION AA FOLLOWING INITIAL EXCAVATION
SHR22	DIGITAL		021, 013, 020, 032, 048, 050, 051, 015, 052, 053, 011	SECTION A1 FOLLOWING INITIAL EXCAVATION
SHR23	DIGITAL		048, 053, 052, 050, 032, 020, 015, 013, 011, 051, 021	SECTION A1 FOLLOWING INITIAL EXCAVATION
SHR24	DIGITAL		020, 051, 050, 021, 013, 053, 011, 052, 048	SECTION A1 FOLLOWING INITIAL EXCAVATION
SHR25	DIGITAL		111, 120, 119, 118, 117, 116, 115, 013, 110, 109, 108, 107, 101, 102, 103, 104, 105, 106, 114, 113	VIEW OF AREA C, VIEW LOOKING EAST
SHR26	DIGITAL		111, 113, 013, 107, 101, 104, 105, 122, 106, 110, 108, 109	VIEW OF AREA C, VIEW LOOKING EAST
SHR27	DIGITAL		118, 117, 116, 114, 115, 111	VIEW OF AREA C, VIEW LOOKING SOUTH-EAST
SHR28	DIGITAL		122, 113, 101, 116, 013, 106, 107, 108, 109, 111, 110	VIEW OF AREA C, VIEW LOOKING EAST
SHR29	DIGITAL		115, 116, 124, 122, 120, 119, 118, 127, 108, 103, 104, 105, 117, 101, 102, 107, 106, 109, 110, 111, 112, 113, 114, 013	VIEW OF AREA C, VIEW LOOKING EAST
SHR3	DIGITAL		032, 048	VIEW OF BROCH PRIOR TO EXCAVATION
SHR30	DIGITAL		111, 122, 110, 108, 107, 106, 105, 116, 104, 113, 101, 109	VIEW OF AREA C, VIEW LOOKING EAST
SHR31	DIGITAL		122, 116, 111, 110, 109, 108, 107, 106, 105, 104, 101, 013	VIEW OF AREA C, VIEW LOOKING EAST
SHR32	DIGITAL		106, 111, 116, 122, 110, 109, 107, 101, 013, 108	VIEW OF AREA C, VIEW LOOKING EAST
SHR34	DIGITAL		109, 013, 122, 116, 111, 110, 108, 106, 101, 107	VIEW OF AREA C, VIEW LOOKING EAST
SHR35	DIGITAL		101, 110, 122, 116, 109, 108, 106, 111, 013, 107	VIEW OF AREA C, VIEW LOOKING EAST
SHR36	DIGITAL		026, 001, 016, 002, 003, 004, 005, 006, 007, 008, 009, 027, 013, 017, 019, 020, 021, 022, 023, 024, 025, 010	SECTION AA FOLLOWING INITIAL EXCAVATION
SHR37	DIGITAL		020, 053, 052, 051, 050, 021, 015, 013, 011, 048	SECTION A1 FOLLOWING INITIAL EXCAVATION
SHR38	DIGITAL		013, 053, 011, 020, 048, 050, 021, 052, 051	SECTION A1 FOLLOWING INITIAL EXCAVATION
SHR39	DIGITAL		015, 032, 039, 045, 013, 048	SECTION A2 FOLLOWING INITIAL EXCAVATION
SHR4	DIGITAL		032, 048	VIEW OF BROCH PRIOR TO EXCAVATION, VIEW LOOKING SOUTH-EAST
SHR40	DIGITAL		033, 032, 039, 048	DETAIL OF THE BROCH OUTER WALL FACE, VIEW LOOKING SOUTH-EAST

SHR41	DIGITAL		032, 033, 039, 048	DETAIL OF THE BROCH OUTER WALL FACE, VIEW LOOKING SOUTH-EAST
SHR42	DIGITAL		015, 045, 039	DETAIL OF WALL IN SECTION A2, NORTH OF THE BROCH WALL
SHR43	DIGITAL		048, 015, 039, 033, 045, 013, 032	SECTION A2 FOLLOWING INITIAL EXCAVATION
SHR44	DIGITAL		032, 047, 048, 040, 049	DETAIL OF THE BROCH WALL (INTERIOR), VIEW LOOKING NORTH-EAST
SHR45	DIGITAL		048, 032, 047, 040, 049	DETAIL OF THE BROCH WALL (INTERIOR), VIEW LOOKING NORTH-EAST
SHR46	DIGITAL		054, 048, 013, 034, 038, 036, 043, 042, 021, 020, 039, 045, 015, 032, 035	SECTION A2, VIEW LOOKING NORTH-EAST
SHR47	DIGITAL		043, 038, 039, 045, 042, 041, 036, 035, 034, 048, 032, 013, 054, 037	SECTION A2, VIEW LOOKING NORTH-EAST
SHR48	DIGITAL		035, 042, 034, 049, 047, 048, 032, 040, 043	DETAIL OF THE CROSS-SECTION THROUGH THE BROCH WALL
SHR49	DIGITAL		049, 043, 042, 035, 040, 047, 048, 032, 034	DETAIL OF THE CROSS-SECTION THROUGH THE BROCH WALL
SHR5	DIGITAL		032, 048	VIEW OF BROCH PRIOR TO EXCAVATION, VIEW LOOKING SOUTH-EAST
SHR50	DIGITAL		020, 008, 017, 031, 030, 021, 048, 019, 009, 007, 006, 005, 004, 003, 002, 034, 016, 032, 001, 035, 036, 037, 038, 041, 042, 043, 039, 015, 045, 039	VIEW OF THE BROCH AND SECTIONS AA AND A2, VIEW LOOKING NORTH-EAST
SHR51	DIGITAL		049, 007, 008, 009, 016, 017, 019, 020, 021, 030, 048, 047, 040, 043, 006, 031, 034, 015, 032, 005, 035, 036, 037, 038, 041, 039, 045, 001, 002, 003, 004, 042	VIEW OF THE BROCH AND SECTIONS AA AND A2, VIEW LOOKING NORTH-EAST
SHR52	DIGITAL		031, 003, 004, 005, 006, 007, 008, 009, 016, 017, 049, 030, 047, 002, 019, 020, 037, 032, 001, 033, 034, 035, 021, 048, 038, 039, 040, 041, 042, 043, 039, 015, 045, 036	VIEW OF THE BROCH AND SECTIONS AA AND A2, VIEW LOOKING NORTH-EAST
SHR53	DIGITAL		041, 039, 036, 015, 042, 040, 037, 035, 047, 034, 054, 032, 038, 048, 049	VIEW OF THE CROSS-SECTION THROUGH THE BROCH AND SECTION A2
SHR54	DIGITAL		040, 042, 035, 032, 049, 048, 047, 034	VIEW OF THE CROSS-SECTION THROUGH THE BROCH WALL
SHR55	DIGITAL		034, 042, 047, 035, 032, 049, 048, 040	VIEW OF THE CROSS-SECTION THROUGH THE BROCH WALL
SHR56	DIGITAL		041, 015, 045, 054, 039, 043, 042, 037, 036, 035, 034, 048, 032, 038	VIEW OF THE BROCH AND SECTION A2, VIEW LOOKING NORTH-EAST
SHR57	DIGITAL		042, 020, 043, 036, 035, 034, 048, 032, 039	VIEW OF THE BROCH OUTER WALL FACE
SHR58	DIGITAL		005, 017, 030, 026, 025, 024, 021, 031, 020, 019, 002, 007, 001, 016, 003, 004, 006, 008, 009, 010	VIEW OF THE STRUCTURE FEATURE, SECTION AA
SHR59	DIGITAL		048, 054, 045, 015, 043, 042, 041, 039, 038, 037, 036, 032, 034, 035	VIEW OF SECTION A2
SHR6	DIGITAL		032, 048	VIEW OF BROCH PRIOR TO EXCAVATION, VIEW LOOKING SOUTH-EAST
SHR60	DIGITAL		016, 007, 021, 020, 017, 010, 009, 008, 024, 005, 004, 003, 045, 035, 015, 036, 054, 044, 038, 037, 019, 006	VIEW OF SECTION A2 AND AA, VIEW LOOKING NORTH-EAST
SHR61	DIGITAL		037, 038, 015, 045, 054, 036	DETAIL OF THE FRAGMENT OF WALLING, SECTION A2
SHR62	DIGITAL		054, 038, 037, 036, 045, 015	DETAIL OF THE FRAGMENT OF WALLING, SECTION A2
SHR63	DIGITAL		03,0 31, 030, 021, 020, 019, 005, 016, 010, 009, 008, 007, 017, 006	DETAIL OF THE STRUCTURE FEATURE, SECTION AA
SHR64	DIGITAL		020, 021, 030, 031, 024, 026, 016, 001, 002, 025, 006, 003, 004, 019, 005, 014, 007, 008, 009, 010, 011, 013	VIEW OF SECTION AA FOLLOWING THE EXCAVATION OF THE STRUCTURE FEATURE
SHR65	DIGITAL		015, 046, 043, 037, 045, 036, 035, 034, 048, 042, 038, 032	VIEW OF SECTION A2 LOOKING SOUTH-EAST
SHR66	DIGITAL		034, 039, 046, 035, 048, 032, 042	DETAIL OF THE BROCH OUTER WALL FACE, VIEW LOOKING SOUTH-EAST
SHR67	DIGITAL		054, 015, 034, 039, 037, 035, 045, 036	DETAIL OF THE FRAGMENT OF WALLING, SECTION A2
SHR68	DIGITAL		020, 006, 026, 031, 030, 021, 017, 016, 010, 009, 007, 019, 004, 008, 005	DETAIL OF THE STRUCTURE FEATURE, SECTION AA, FOLLOWING REMOVAL OF THE BLOCKING MATERIAL
SHR69	DIGITAL		007, 019, 020, 021, 030, 026, 017, 031, 001, 010, 008, 006, 005, 004, 003, 002, 016, 009	DETAIL OF THE STRUCTURE FEATURE, SECTION AA, FOLLOWING REMOVAL OF THE BLOCKING MATERIAL
SHR7	DIGITAL		048, 032, 047	VIEW OF BROCH PRIOR TO EXCAVATION, VIEW LOOKING SOUTH-EAST

SHR70	DIGITAL		024, 001, 031, 025, 026, 002, 017, 021, 008, 003, 004, 005, 006, 020, 007, 030, 009, 010, 011, 013, 016, 019	SECTION AA FOLLOWING THE EXCAVATION OF THE STRUCTURAL FEATURE
SHR71	DIGITAL		021, 031, 030, 019, 017, 016, 005, 006, 008, 009, 010, 013, 007, 020, 004	DETAIL OF THE STRUCTURE FEATURE, SECTION AA, FOLLOWING THE REMOVAL OF THE BLOCKING MATERIAL
SHR72	DIGITAL		053, 032, 025, 011, 052, 051, 050, 044, 036, 045, 015, 048, 024	SECTION A1 FOLLOWING EXCAVATION, AND SHOWING THE POSSIBLE FLAGGED SURFACE
SHR73	DIGITAL		011, 044, 36, 053, 052, 050, 051	SECTION A1 FOLLOWING EXCAVATION, AND SHOWING THE POSSIBLE FLAGGED SURFACE
SHR74	DIGITAL		052, 025, 015, 045, 032, 048, 036, 037, 038, 050, 044, 024, 011, 051, 053	VIEW OF SECTIONS A1 AND A2 SHOWING THE RELATIONSHIP OF THE STRUCTURAL ELEMENTS
SHR75	DIGITAL		047, 049	VIEW OF THE INTERIOR OF THE BROCH WALL, VIEW LOOKING NORTH
SHR76	DIGITAL		122, 013, 101, 102, 108, 104, 107, 113, 109, 105, 106, 103, 111	VIEW OF WALLING [106], [104] AND [108] IN AREA C, VIEW LOOKING EAST
SHR77	DIGITAL		122, 113, 111, 013, 108, 107, 106, 105, 104, 103, 102, 101, 109	VIEW OF WALLING [106], [104] AND [108] IN AREA C, VIEW LOOKING EAST
SHR78	DIGITAL		106, 103, 101, 102, 103, 115, 122, 128, 126, 120, 119, 118, 104, 116, 105, 113, 111, 110, 109, 108, 107, 112, 117, 114	VIEW OF AREA C, VIEW LOOKING EAST
SHR79	DIGITAL		109, 122, 110, 108, 106, 105, 104, 101, 013, 116	DETAIL OF WALLS [108], [107], [106] AND ASSOCIATED FLOORING, AREA C, VIEW LOOKING EAST
SHR8	DIGITAL		039, 013, 015, 045, 036, 013	VIEW OF AREA A2, VIEW LOOKING EAST
SHR80	DIGITAL		108, 107, 106, 105, 110, 102, 111, 013, 104, 118, 127, 128, 126, 125, 122, 109, 119, 101, 117, 116, 115, 114, 113, 120, 103	VIEW OF AREA C, VIEW LOOKING EAST
SHR81	DIGITAL		110, 127, 126, 125, 124, 122, 119, 117, 116, 115, 114, 113, 128, 111, 120, 109, 108, 107, 106, 105, 104, 103, 102, 013, 112, 118	VIEW OF AREA C, VIEW LOOKING EAST
SHR82	DIGITAL		111, 110, 109, 108, 107, 106, 013, 101, 122, 116	DETAIL OF WALLING [106], [107], [108], AREA C, VIEW LOOKING EAST
SHR83	DIGITAL		114, 118, 117, 115, 111, 116	DETAIL OF STRUCTURAL FEATURES IN THE SOUTHERN EXTENT OF AREA C, VIEW LOOKING SOUTH-EAST
SHR84	DIGITAL		107, 122, 116, 110, 111, 109, 108, 105, 104, 103, 102, 101, 013, 113, 106	DETAIL OF WALLING [106], [107], [108], AREA C, VIEW LOOKING EAST
SHR85	DIGITAL		125, 116, 128, 115, 123, 121, 117, 111, 110, 109, 118, 126	DETAIL OF STRUCTURAL FEATURES IN THE SOUTHERN EXTENT OF AREA C, VIEW LOOKING SOUTH-EAST
SHR86	DIGITAL		117, 128, 123, 126, 125, 118, 116, 115, 111, 121	DETAIL OF STRUCTURAL FEATURES IN THE SOUTHERN EXTENT OF AREA C, VIEW LOOKING SOUTH-EAST
SHR87	DIGITAL		104, 13, 101, 102, 103, 105, 122, 116, 108, 107, 106, 121, 113, 111, 110, 109	DETAIL OF WALLING [106], [107], [108], AREA C, VIEW LOOKING EAST
SHR88	DIGITAL		048, 046, 042, 047, 049, 040, 034, 035, 032	DETAIL OF THE CROSS-SECTION THROUGH THE BROCH WALL
SHR89	DIGITAL		016, 032, 048, 034, 035, 031, 030, 021, 020, 036, 004, 005, 019, 002, 017, 001, 054, 003, 045, 006, 037, 038, 007, 002, 009, 010, 015	VIEW OF SECTIONS AA AND A2, VIEW LOOKING NORTH-EAST
SHR9	DIGITAL		017, 009, 036, 045, 015, 032, 039, 013, 008	VIEW OF AREA A2, VIEW LOOKING NORTH EAST
SHR90	DIGITAL		042, 034, 006, 007, 008, 005, 009, 010, 016, 017, 019, 020, 021, 031, 015, 048, 004, 035, 036, 037, 038, 039, 045, 054, 001, 002, 003, 032	VIEW OF SECTIONS AA AND A2, VIEW LOOKING NORTH-EAST
SHR91	DIGITAL		042, 054, 034, 035, 036, 037, 039, 032, 046, 015, 045, 038, 048	VIEW OF SECTION A2 FOLLOWING EXCAVATION
SHR92	DIGITAL		017, 019, 020, 021, 030, 016, 027, 005, 025, 031, 013, 010, 009, 008, 006, 004, 003, 002, 001, 024, 007	VIEW OF SECTION AA FOLLOWING EXCAVATION

APPENDIX V
KNOWE OF SWANDRO: DESCRIPTION OF CONTEXTS

CONTEXT	AREA	TYPE	DESCRIPTION	DESCRIPTION TEXT	INTERPRETATION	EXCAVATION METHOD	CONTAMINATION	PRIMARY RELN	Primary Relationship Above	Primary Relationship Below	Equal To	Contemporary With	Notes
001	A	STONE	SURFACE	STORM BEACH. VARIES FROM 10-50CM IN DEPTH	STORM BEACH	TROWEL	OCCASIONAL MODERN MATERIAL (GLASS, PLASTIC), EVEN AT THE BASE OF THE LAYER						THE STORM BEACH DEPOSIT IS QUITE WELL SORTED, WITH LARGE FLAGS, BOULDERS & PEBBLES AT THE SURFACE, GRADING TO SHINGLE (PEBBLES 1-5CM, ROUNDED) BELOW A COARSE SHELL SAND AT THE BASE ([002]), IMMEDIATELY ABOVE THE ARCHAEOLOGY. THE SAND LAYER IS DEEPER AT THE BEACHWARD END OF THE TRENCH (A FEW CM) AND THINNER FURTHER UP THE BEACH
002	A	LAYER	SAND	SAND AND SMALL SHINGLE AT THE BASE OF THE STORM BEACH		TROWEL		001	001		001	001	
003	A	LAYER	STONE	LARGE SUBROUNDED STONE LAYER AT THE TOP (N) OF AREA (OLD STORM BEACH?)	SEEMS TO BE STORM BEACH	TROWEL				004			SEEMS TO BE STORM BEACH RIGHT AT THE TOP OF THE BEACH, OVERGROWN WITH NETTLES, DOCKEN AND GRASS. THE WEST, THE TOP OF THIS LAYER SEEMS FLATTENED AND MORE ORGANISED: I WONDER IF THIS IS TO DO WITH EARLIER INVESTIGATIONS? THERE IS ALSO A FLAT, THIN SLAB C.30X100X3CM, WHICH LOOKS MORE BUILDING-RELATED, LYING PROPPED AGAINST THIS AREA
004	A	LAYER	STONE	FLATTER SUBROUNDED STONES SEALED BY [003]		TROWEL		003	003	006			TOWARDS THE BEACH EDGE THERE ARE SOME SMALL ORTHOSTATS IN THIS LAYER; THEY LOOK AS IF THEY MAY BE HOLDING BACK/PROTECTING THE LOW CLIFF EDGE (ONLY ABOUT 60CM HIGH, OR LESS IN PLACES). I WONDER IF THIS IS FORTUITOUS (SLIPPAGE) OR A MANMADE EFFECT. PERHAPS THE PREVIOUS EXCAVATORS, ALTHOUGH THEIR ACTIVITY DOESN'T SEEM AS EXTENSIVE AS WE FIRST THOUGHT. CAN'T TELL WITHOUT FURTHER INVESTIGATION
005	A	WALL	OUTER-FACE	THREE LARGE FLAT STONES, WITH AN APPARENT FACE (SEAWARD SIDE) ALIGNED ACROSS SLOPE	FRAGMENT OF WALL?	TROWEL		001	001	006			
006	A	LAYER	MIDDEN	MIDDEN WITH SMALL STONES: CONTAINS CHARCOAL FLECKING, ANIMAL BONE, LIMPET SHELLS		TROWEL		005	005	008			
007	A	ORTHOSTAT	KERB	SMALL STONE SETTING: ORTHOSTATS AT RIGHT ANGLES, SET INTO [006]	MAY BE PART OF MAIN STRUCTURE OR ASSOCIATED WITH PAVING [037] AND MUCH LATER?	TROWEL		037?	037?				THE [007] ORTHOSTATS ARE BOTH OBVIOUSLY BROKEN AND CRACKED AND SO MAY HAVE STOOD MUCH HIGHER AND BE ASSOCIATED WITH FLAGSTONE [037] WHICH BUTTS IT. THIS WOULD MAKE IT A LATER FEATURE IN THE MIDDEN (I.E RESTING ON AND SEALED BY MIDDEN). OR IT MAY LINE UP WITH ORTHO [011] AND BE PART OF THE EARLY STRUCTURE, SEALED/BUTTED BY [006]?
008	A	FLAG(S)	STONE	LARGE FLAT STONES BUTTING ORTHOSTAT [013], SEALED BY [006]?	PAVING OR WALL OR ORTHOSTAT BACKING?	TROWEL		006	006	013	009?	009?	
009	A	FLAG(S)	STONE	FLAT STONES BUTTING ORTHOSTATS [014]: CONTEMPORARY/EQUAL TO [008]?		TROWEL		001	001	014	008?	008?	

010	A	STONE	RUBBLE	RUBBLE BUTTING ORTHOSTATS [011], [012]		TROWEL		001	001	011, 012, 007			
011	A	ORTHOSTAT	STONE	ORTHOSTAT AT RIGHT ANGLES TO 'MAIN' ARC OF ORTHOSTATS		TROWEL		010	010			012, POSSIBLY 007?	
012	A	ORTHOSTAT	STONE	ORTHOSTAT IN MAIN ARC OF THE STRUCTURE		TROWEL		011	011			015, 014, 013, 017	
013	A	ORTHOSTAT	STONE	ORTHOSTAT IN MAIN ARC OF THE WALLING		TROWEL		008	008			012, 014, 015, 017	
014	A	ORTHOSTAT	STONE	ORTHOSTAT IN MAIN ARC OF THE WALLING		TROWEL		038	038			012, 013, 015, 017, 036, 027	
015	A	ORTHOSTAT	STONE	ORTHOSTAT IN MAIN ARC OF THE WALLING		TROWEL		016, 029	016, 029			016, 029	
016	A	ORTHOSTAT	STONE	TWO ORTHOSTATS IN PARALLEL, POSSIBLY PART OF THE MAIN ARC OF WALLING		TROWEL		039	039			015, 029	TWO ORTHOSTATS IN PARALLEL: THE LARGER HAS BROKEN LOW TOWARDS BASE (AT LEVEL OF MIDDEN [039]). LARGER IS C.80CM LONG, TOPS ROUNDED
017	A	ORTHOSTAT	STONE	ORTHOSTAT IN MAIN ARC OF THE WALLING: BUTTED BY [018], IN EAST OF AREA		TROWEL		018?	018?			012, 013, 014, 015	
018	A	ORTHOSTAT	STONE	ORTHOSTAT IN THE EAST OF THE STRUCTURE		TROWEL				017?			
019	A			ANGULAR FLAT RUBBLE IN EAST PART OF LARGER CELL		TROWEL		001	001	020			
020	A	FLAG(S)	STONE	LARGE 'PAVING STONE' IN EAST PART OF LARGER CELL		TROWEL		019	019	021			
021	A	LAYER	MIDDEN	THIN PATCH OF MIDDEN OR SURFACE, SEALED BY 019, SEALS [022], IN EAST PART OF THE LATER CELL		TROWEL		019	019	022			
022	A	FLAG(S)	STONE	LARGE FLAT STONE IN EAST PART OF THE LARGER CELL. SEALED BY [021], BUTTS [024]	?ENTRANCE STONE SITTING IN LINE WITH LARGE KERBSTONE [024]	TROWEL		021	021	024			AT LEAST 40X50CM, 10CM DEEP, BLOCKY, SUBANGULAR
023	A			ROUNDED, BLOCKY STONES AND SAND IN WEST PART OF THE LARGER CELL, VERY COMPACT	PART OF THE STORM BEACH, FORCED INTO CELL	TROWEL		001	001	019			
024	A	ORTHOSTAT	KERB	VERY LONG REGULAR ORTHOSTAT, BARELY SHOWING ABOVE SURFACE: FORMS 'FRONT' OF LARGE CELL		TROWEL		022	022				C.2M LONG! 10CM THICK. NOT BATTERED AND BROKEN, EDGES SHARP AND EVEN
025	A	ORTHOSTAT	KERB	TWO SMALL ORTHOSTATS WHICH SEEM TO CONTINUE THE CELL 'KERB' FORMED BY [024]		TROWEL		034	034				20X40CM, ANGULAR
026	A	LAYER	RUBBLE	AREA OF SMALLISH SUB-ROUNDED BLOCKY STONES WITH A CLAYEY YELLOW SAND MATRIX	ORIGINALLY THOUGHT TO BE A SURFACE, PROBABLY THE BASE OF THE STORM BEACH	TROWEL		001	001	038			
027	A	ORTHOSTAT	KERB	SMALL ORTHOSTAT, BUTTS [028], POSSIBLY FORMS FRONT KERB OF SMALLER CELL		TROWEL		033	033	028		038	C.50CM, SUBANGULAR
028	A	ORTHOSTAT	KERB	TWO SMALL PARALLEL ORTHOSTATS POSSIBLY FORMING CELL DIVISION		TROWEL		027	027	014			40-50CM, SUBANGULAR
029	A	ORTHOSTAT		SINGLE SMALL ORTHOSTAT SET AT AN ODD ANGLE	POSSIBLY MEANT TO BE PARALLEL TO ORTHOSTAT [015], BUT KNOCKED OUT OF POSITION?	TROWEL		028	028	015			C.40CM, ANGULAR

030	A	ORTHOSTAT		LINE OF SMALL ORTHOSTATS, PARALLEL TO ORTHOSTAT [011], AT RIGHT ANGLES TO ORTHOSTAT [012]	LOOKS SUSPICIOUSLY LIKE A KERB/EDGE - TO A PATH?	TROWEL		010	010					SMALL, 20CM, SUBROUNDED
031	A	ORTHOSTAT		TWO ORTHOSTATS WHICH CONTINUE THE LINE OF THE KERB FOR THE LARGER CELL		TROWEL		038	038	014, 013				
032	A	LAYER	MIDDEN	MIDDEN OVER VOIDY RUBBLE [018]		TROWEL								
033	A		MIDDEN	MIDDEN BUTTING ORTHOSTATS [028] AND [027]. HEAVY CHARCOAL, ASH FLECKING	MIDDEN DEPOSIT/FLOOR SURFACE ON FLAGGING	TROWEL		001	001	034				
034	A	FLAG(S)	STONE	SMALL PAVING STONES SEALED BY MIDDEN/SURFACE [033], BUTTS ORTHOSTAT [027]		TROWEL		033	033					ACTUALLY, I THINK THERE ARE SEVERAL SETS OF STONES HERE- I'VE RENUMBERED THE UPPER PAVING [041] AND THE SURFACE ASSOCIATED WITH IT [042]. THE FRINT EDGE STONE IS BURNT. LARGEST STONE 80CM WIDE, SUBANGULAR
035	A	FLAG(S)	STONE	LARGE, NICELY SQUARED FLAT FLAG STONE BUTTING ORTHOSTAT [024] (KERB)		TROWEL		001	001	024		024		PLATY, ANGULAR FLAG C.1MX40CM
036	A	ORTHOSTAT	KERB	SMALL ORTHOSTAT/KERB IN FRONT OF THE WEST CELL. PAIRS WITH [027]		TROWEL		038	038	031		027		TOP BROKEN, C.40CM WIDE, ANGLUAR
037	A	FLAG(S)	STONE	FRAGMENT OF PAVING BUTTING [007]	POSSIBLY A LATER STRUCTURE SEALED BY/CONTAINED BY [006]?	TROWEL		006	006	007				
038	A	FLAG(S)	STONE	SMALL ANGULAR PAVING SEALED BY [026]		TROWEL		026	026					SQAURE SIDED FLAGS C.20-50CM LONG, ANGULAR, PLATY
039	A	LAYER	MIDDEN	PATCH OF MIDDEN IN SW CORNER BETWEEN ORTHOSTATS [016] AND [029]. BONE, POT, LIMPET, SKAILL KNIFE?	MIDDEN (DEEP): POSSIBLY LATER THAN STRUCTURE, AS IT SEEMS TO SEAL BROKEN POINT OF [016] AND IS IN THE GAP BETWEEN [029] ABD [015]	TROWEL		001	001	016				'WET' COULD BE BECAUSE OF DEPTH - MUST BE CLOSE TO THE HIGH TIDE MARK. SAMPLE TAKEN DOWN TO C.20CM BELOW SURFACE AND WAS STILL GOING DOWN?
040	A	LAYER	CLAY	YELLOW SANDY CLAY SEALED BY [035]	MAY BE NATURAL WITH SOME ANTHROPOGENIC ACTIVITY ON SURFACE	TROWEL		035	035					
041	A			PAVING IN FRONT OF BUILDING: SEALS [033]		TROWEL		042	042	033				SUBANGULAR, LARGEST C.50CM
042	A	LAYER	SURFACE	SURFACE SEALING [041]		TROWEL		001	001	041				
043	A	LAYER	MIDDEN	MIDDEN AND STONES IN EAST OF AREA: BUTTS [017]	MIDDEN: RELATIONSHIP TO [006]?	TROWEL		001	001	017		006?		
1000	B	LAYER	SOIL	TOPSOIL AND LOOSE STONES		TROWEL								
1001	B	LAYER	SOIL	SHILLET IN WEST OF THE TRENCH	UNDISTURBED WEATHERING DEPOSIT OVER STONE?	TROWEL		1000	1000					EVEN, FAIRLY WELL SORTED LAYER SLOPING DOWN FROM HIGHEST POINT AND COVERING (IT SEEMS) INTERIOR OF SITE. LOOKS LIKE UNDISTURBED WEATHERING
1002	B	STONE	RUBBLE	LARGEISH STONES AND TOPSOIL IN CENTRE OF TRENCH, APPARENTLY BUTTING [1003]	BACKFILL FROM EARLIER EXCAVATIONS?	TROWEL		1000	1000					THERE ARE LARGE VOIDS IN THE RUBBLE, SUGGESTING RAPID DEPOSITION AND THE PRESENCE OF A MORE COHERENT FEATURE SEALED BY [1002]
1003	B	LAYER	RUBBLE	MAIN MASS OF STONE AND RUBBLE: AS YET NO OBVIOUS FEATURES SAVE FOR THE EDGE SEALED/BUTTED BY [1002]		TROWEL		1002	1002					
1004	B	WALL	INNER-FACE	POSSIBLE SMALL FRAGMENT OF WALL LINE: MAY FORM RIGHT ANGLED CORNER WITH [1005]?	DUBIOUS WALL FRAGMENT	TROWEL		1000	1000			1005?		ALL C.30CM, SUBANGULAR-SUBROUNDED
1005	B	WALL	INNER-FACE	POSSIBLE SMALL FRAGMENT OF WALL LINE RUNNING N: MAY FORM CORNER WITH [1004]?	DUBIOUS WALL LINE	TROWEL		1000	1000			1004?		ALL C.30CM, SUBANGULAR

1006	B			PATCH OF LIMPET MIDDEN	POSSIBLY VERY LATE	TROWEL		1000	1000	1007			
1007	B			FLAT SUBSTANTIAL WORN/ROUNDED PAVING IN EAST OF TRENCH: RELATIONSHIP WITH [1003]?		TROWEL		1000	1000				OR VERY SUBSTANTIAL WALL?? STONES 40-60CM, SUBANGULAR, BLOCKY, SURFACES FLAT (WORN?)
1008	B	ORTHOSTAT	STONE	TOP OF ORTHOSTAT IN SE CORNER OF TRENCH: SEALED/BUTTED BY [1007] AND LOOKS MUCH EARLIER (DEEPLY EMBEDDED)		TROWEL		1007	1007				AT LEAST 60CM LONG, ANGULAR

APPENDIX VI
KNOWE OF SWANDRO:
DESCRIPTION OF THE EXCAVATED DEPOSITS

CONTEXT	AREA	TEXTURE	COMPACTION	MUNSELL REF	WATER CONTENT	SORTING	% STONINESS (UNBURNT)	UNBURNT SIZE	UNBURNT SHAPE	% MOTTLES	MOTTLES SIZE	MOTTLES COLOUR	MOTTLE BOUNDARIES	% CARBON	SIZE	% SHELL MIDDEN	TYPE	OTHER
001	A	SAND	LOOSE		DRY	WELL SORTED	95	1-70CM	SUBROUNDED-ROUNDED									
002	A	SAND	LOOSE	TOO COARSE TO MEASURE	DRY	WELL SORTED	25	<0.1-2CM	ROUNDED									
003	A		LOOSE		DRY	WELL SORTED	95	10-60CM	SUBANGULAR-SUBROUNDED									
004	A	SILTY CLAY LOAM	WEAK	10YR 3/2	DRY	POORLY SORTED	60	2-30CM	SUBANGULAR-SUBROUNDED, MOSTLY PLATY									
005	A							30-70CM	SUBANGULAR-SUBROUNDED									
006	A	SANDY CLAY LOAM	WEAK	10YR 4/2	DRY	POORLY SORTED	50	0.2-50CM	ANGULAR-ROUNDED					1	0.2-0.4MM	1	LIMPET	BONE
007	A							40CM	ANGULAR/SUBANGULAR									
008	A							50-60CM	ANGULAR, PLATY									
009	A							30-50CM	ANGULAR, PLATY									
010	A	SANDY CLAY LOAM	FIRM	10YR 4/2 (NEAREST - SLIGHTLY MORE YELLOW)	MOIST	POORLY SORTED	80	5-60CM	ROUNDED-ANGULAR									
011	A							60CM	SUBANGULAR									
012	A							50CM	ANGULAR									
013	A							80X50CM (HIGH)	SUBANGULAR (WORN)									
014	A							50CM	ANGULAR									
015	A							60CM	SUBANGULAR									
017	A							C.50CM	SUBANGULAR									
019	A						95	20-50CM	ANGULAR									
020	A							C.100CM	ANGULAR									
021	A	SANDY CLAY LOAM	FIRM	10YR 4/2	DRY	WELL SORTED								5	1-5MM			
023	A	SAND	FIRM	10YR 4/3	DRY	POORLY SORTED	60	5-40CM	SUBANGULAR-SUBROUNDED									
026	A	SANDY CLAY	FIRM		DRY	SORTED	50	20-40CM	SUBROUNDED									
033	A	SILTY CLAY LOAM	FIRM	10YR 4/3	DRY	SORTED								5	1-5MM			
039	A	CLAY	FIRM	10YR 4/3	WET	POORLY SORTED	5	5-10CM	ROUNDED-SUBROUNDED					10	1-20MM	1	LIMPET? WINKLE	BONE, BURNT SHELL
040	A	SILTY CLAY	FIRM	10YR 5/6	MOIST		10	1-10CM	SUBROUNDED	20	20CM	10YR 4/3	MERGING	0.1	1-5MM			
042	A	SILTY CLAY LOAM	FIRM	7.5YR 3/2	MOIST	SORTED	10	2-5CM	ROUNDED					5	1-10MM			
043	A	SANDY CLAY LOAM	FIRM	10YR 3/2	MOIST	POORLY SORTED	25	2-20CM	ANGULAR-SUBANGULAR					1	1-5M	1	LIMPET	
1001	B	SILTY CLAY LOAM	WEAK	10YR 2/2	DRY	SORTED	80	5-20MM OR 5-10CM	ANGULAR									
1002	B	SILTY CLAY LOAM	WEAK	10YR 3/2	DRY	POORLY SORTED	80	2MM-20CM	ANGULAR-SUBANGULAR									
1003	B	SILTY CLAY LOAM	FIRM	7.5YR 3/2	DRY	SORTED	90	10-30CM	ANGULAR-SUBROUNDED									
1006	B	SANDY SILT LOAM	WEAK	10YR 3/2	DRY	SORTED	5	5-20MM	ANGULAR (SHILLET)							80	LIMPET	

APPENDIX VII
KNOWE OF SWANDRO: LIST OF SMALL FINDS

SF NO	SITE CODE	AREA	CONTEXT	CORRECTED TYPE	CORRECTED DESCRIPTION	CORRECTED NOTES
004	SWR10	B	1000	BONE	WORKED	WORKED BONE, SINGLE COMB FRAGMENT
005	SWR10	A	001	POTTERY	FRAGMENT	1 FRAGMENT, PREHISTORIC POTTERY
006	SWR10	A	001	BONE	WORKED	WORKED BONE
007	SWR10	A	033	POTTERY	FRAGMENT	PREHISTORIC RIM FRAGMENT
008	SWR10	A	001	POTTERY	FRAGMENT	PREHISTORIC POTTERY FRAGMENT
009	SWR10	A	039	POTTERY/BURNT CLAY	7 FRAGMENTS	POTTERY OR BURNT CLAY
010	SWR10	A	039	POTTERY	FRAGMENT	PREHISTORIC POTTERY, RIM FRAGMENT
011	SWR10	A	039	POTTERY	FRAGMENT	FRAGMENT OF PREHISTORIC POTTERY
012	SWR10	A	039	POTTERY	5 FRAGMENTS	PREHISTORIC POTTERY
014	SWR10	A	039	BURNT CLAY OR FE	4 FRAGMENTS	BURNT CLAY OR IRON
015	SWR10	A	039	POTTERY/BURNT CLAY	FRAGMENT	BURNT CLAY OR POTTERY
016	SWR10	A	039	POTTERY	FRAGMENT	RIM FRAGMENT, PREHISTORIC POTTERY
017	SWR10	A	039	POTTERY	FRAGMENT	PREHISTORIC POTTERY FRAGMENT
018	SWR10	A	039	POTTERY	FRAGMENT	PREHISTORIC POTERY FRAGMENT
019	SWR10	A	039	STONE	WORKED	SKAILL KNIFE
060	SWR10	A	026	POTTERY	FRAGMENT	PREHISTORIC POTTERY FRAGMENT
061	SWR10	A	039	SAMPLE	KUBIENA	BLOCK SAMPLE THROUGH MIDDEN DEPOSIT
062	SWR10	A	033	SAMPLE	KUBIENA	BLOCK SAMPLE THROUGH MIDDEN DEPOSIT
063	SWR10	A	039	SAMPLE	BULK	BULK SAMPLE OF MIDDEN DEPOSIT
064	SWR10	A	033	SAMPLE	BULK	BULK SAMPLE OF MIDDEN DEPOSIT
065	SWR10	A	039	SAMPLE	BULK	BULK SAMPLE OF MIDDEN DEPOSIT

APPENDIX VIII
KNOWE OF SWANDRO: LIST OF PHOTOS

SLIDE/SLIDE REF	TYPE	DATE	AREA	CONTEXT	DESCRIPTION
P1010156	DIGITAL	26/06/2010	B		VIEW OF THE MOUND BEFORE EXCAVATION, LOOKING NORTH
P1010157	DIGITAL	26/06/2010	B		VIEW OF THE MOUND BEFORE EXCAVATION, LOOKING NORTH
P1010158	DIGITAL	26/06/2010	B		VIEW OF THE MOUND BEFORE EXCAVATION, LOOKING NORTH
P1010159	DIGITAL	26/06/2010	B		VIEW OF THE MOUND BEFORE EXCAVATION, LOOKING NORTH
P1010160	DIGITAL	26/06/2010	B		VIEW OF THE MOUND BEFORE EXCAVATION, LOOKING SOUTH
P1010161	DIGITAL	26/06/2010	B		VIEW OF THE MOUND BEFORE EXCAVATION, LOOKING SOUTH
P1010162	DIGITAL	26/06/2010	B		VIEW OF THE MOUND BEFORE EXCAVATION, LOOKING NORTH
P1010163	DIGITAL	26/06/2010	B		VIEW OF THE MOUND BEFORE EXCAVATION, LOOKING NORTH
P1010164	DIGITAL	26/06/2010	B		VIEW OF THE MOUND BEFORE EXCAVATION, LOOKING NORTH
P1010165	DIGITAL	26/06/2010	B		VIEW OF THE MOUND BEFORE EXCAVATION, LOOKING NORTH
P1010166	DIGITAL	26/06/2010	B		VIEW OF THE MOUND BEFORE EXCAVATION, LOOKING NORTH
P1010167	DIGITAL	26/06/2010	A		VIEW OF THE STORM BEACH, LOOKING TOWARDS AREA B, VIEW LOOKING NORTH-EAST
P1010168	DIGITAL	26/06/2010	A		VIEW OF THE STORM BEACH, LOOKING TOWARDS AREA B, VIEW LOOKING NORTH-EAST
P1010169	DIGITAL	26/06/2010	A		VIEW OF THE STORM BEACH, LOOKING TOWARDS AREA B, VIEW LOOKING NORTH-EAST
P1010170	DIGITAL	26/06/2010	A		VIEW OF THE STORM BEACH, LOOKING TOWARDS AREA B, VIEW LOOKING NORTH-EAST
P1010171	DIGITAL	26/06/2010	A		VIEW OF THE STORM BEACH, LOOKING TOWARDS AREA B, VIEW LOOKING NORTH-EAST
P1010177	DIGITAL	29/06/2010	B		VIEW OF MOUND BEFORE EXCAVATION, LOOKING SOUTH
P1010178	DIGITAL	29/06/2010	A & B		VIEW OF MOUND (AREA B) AND STORM BEACH (AREA A) LOOKING SOUTH
P1010179	DIGITAL	29/06/2010	A & B		VIEW OF MOUND (AREA B) AND STORM BEACH (AREA A) LOOKING SOUTH
P1010180	DIGITAL	29/06/2010	A & B		VIEW OF MOUND (AREA B) AND STORM BEACH (AREA A) LOOKING SOUTH
P1010181	DIGITAL	29/06/2010	A & B		VIEW OF MOUND (AREA B) AND STORM BEACH (AREA A) LOOKING SOUTH
P1010182	DIGITAL	29/06/2010	A & B		VIEW OF MOUND (AREA B) AND STORM BEACH (AREA A) LOOKING SOUTH
P1010183	DIGITAL	29/06/2010	A & B		VIEW OF MOUND (AREA B) AND STORM BEACH (AREA A) LOOKING SOUTH
P1010184	DIGITAL	29/06/2010	A		VIEW OF THE STORM BEACH, GENERAL PHOTO
P1010185	DIGITAL	29/06/2010	A		VIEW OF THE STORM BEACH, GENERAL PHOTO
P1010186	DIGITAL	29/06/2010	A		VIEW OF THE STORM BEACH, GENERAL PHOTO
P1010187	DIGITAL	29/06/2010	A		VIEW OF THE STORM BEACH, GENERAL PHOTO
P1010188	DIGITAL	29/06/2010	A		VIEW OF THE STORM BEACH, GENERAL PHOTO
P1010189	DIGITAL	29/06/2010	A		VIEW OF THE STORM BEACH, GENERAL PHOTO
P1010190	DIGITAL	29/06/2010	A		VIEW OF THE STORM BEACH, GENERAL PHOTO
P1010191	DIGITAL	29/06/2010	A		VIEW OF THE STORM BEACH, GENERAL PHOTO
P1010192	DIGITAL	29/06/2010	A		VIEW OF THE STORM BEACH, GENERAL PHOTO
P1010193	DIGITAL	29/06/2010	A		VIEW OF THE STORM BEACH, FOCUSING ON THE ORTHOSTAT FEATURES, VIEW LOOKING EAST

P1010194	DIGITAL	29/06/2010	A		VIEW OF THE STORM BEACH, FOCUSING ON THE ORTHOSTAT FEATURES, VIEW LOOKING EAST
P1010195	DIGITAL	29/06/2010	A		DETAIL OF THE ORTHOSTAT FEATURES ON THE STORM BEACH
P1010196	DIGITAL	29/06/2010	A		DETAIL OF THE ORTHOSTAT FEATURES ON THE STORM BEACH
P1010197	DIGITAL	29/06/2010	A		VIEW OF THE STORM BEACH PRIOR TO EXCAVATION, VIEW LOOKING EAST
P1010198	DIGITAL	29/06/2010	A		VIEW OF THE STORM BEACH PRIOR TO EXCAVATION, VIEW LOOKING EAST
P1010199	DIGITAL	29/06/2010	A		VIEW OF THE STORM BEACH PRIOR TO EXCAVATION, VIEW LOOKING EAST
P1010200	DIGITAL	29/06/2010	A		VIEW OF THE STORM BEACH PRIOR TO EXCAVATION, VIEW LOOKING EAST
P1010201	DIGITAL	29/06/2010	A		DETAIL OF THE ORTHOSTAT FEATURES ON THE STORM BEACH
P1010202	DIGITAL	29/06/2010	A		DETAIL OF THE ORTHOSTAT FEATURES ON THE STORM BEACH
P1010203	DIGITAL	29/06/2010	A		DETAIL OF THE ORTHOSTAT FEATURES ON THE STORM BEACH
P1010221	DIGITAL	03/07/2010	A		CLEARANCE OF THE STORM BEACH BY THE EXCAVATION STAFF
P1010222	DIGITAL	03/07/2010	A		CLEARANCE OF THE STORM BEACH BY THE EXCAVATION STAFF
P1010223	DIGITAL	03/07/2010	A		CLEARANCE OF THE STORM BEACH BY THE EXCAVATION STAFF
P1010224	DIGITAL	03/07/2010	A		CLEARANCE OF THE STORM BEACH BY THE EXCAVATION STAFF
P1010225	DIGITAL	03/07/2010	A		CLEARANCE OF THE STORM BEACH BY THE EXCAVATION STAFF
P1010226	DIGITAL	03/07/2010	A		CLEARANCE OF THE STORM BEACH BY THE EXCAVATION STAFF
P1010227	DIGITAL	03/07/2010	A		CLEARANCE OF THE STORM BEACH BY THE EXCAVATION STAFF
P1010228	DIGITAL	03/07/2010	A		CLEARANCE OF THE STORM BEACH BY THE EXCAVATION STAFF
P1010229	DIGITAL	03/07/2010	A		CLEARANCE OF THE STORM BEACH BY THE EXCAVATION STAFF
P1010230	DIGITAL	03/07/2010	A		CLEARANCE OF THE STORM BEACH BY THE EXCAVATION STAFF
P1010231	DIGITAL	03/07/2010	A		CLEARANCE OF THE STORM BEACH BY THE EXCAVATION STAFF
P1010232	DIGITAL	03/07/2010	A	024, 005, 010, 017, 031, 014, 013, 023	VIEW OF THE STRUCTURE, LOOKING EAST
P1010233	DIGITAL	06/07/2010	A	024, 005, 010, 017, 031, 014, 013, 023	VIEW OF THE STRUCTURE, LOOKING EAST
P1010234	DIGITAL	06/07/2010	A	024, 005, 008, 010, 017, 023, 031, 014, 013	VIEW OF THE STRUCTURE, LOOKING SOUTH-EAST
P1010235	DIGITAL	06/07/2010	A	024, 005, 008, 010, 017, 023, 031, 014, 013	VIEW OF THE STRUCTURE, LOOKING SOUTH-EAST
P1010236	DIGITAL	06/07/2010	A	024, 005, 008, 010, 017, 023, 031, 014, 013	VIEW OF THE STRUCTURE, LOOKING SOUTH-EAST
P1010237	DIGITAL	06/07/2010	A	024, 005, 010, 017, 031, 014, 013, 023	VIEW OF THE STRUCTURE, LOOKING NORTH-EAST
P1010238	DIGITAL	06/07/2010	A	024, 005, 010, 017, 031, 014, 013, 023	VIEW OF THE STRUCTURE, LOOKING EAST
P1010239	DIGITAL	06/07/2010	A	024, 005, 008, 010, 017, 023, 031, 014, 013	VIEW OF THE STRUCTURE, LOOKING NORTH-EAST
P1010240	DIGITAL	06/07/2010	A	024, 005, 008, 010, 017, 023, 031, 014, 013	VIEW OF THE STRUCTURE, LOOKING SOUTH-EAST
P1010241	DIGITAL	06/07/2010	A	024, 005, 008, 010, 017, 023, 031, 014, 013	VIEW OF THE STRUCTURE, LOOKING SOUTH-EAST
P1010242	DIGITAL	06/07/2010	A	024, 005, 008, 010, 017, 023, 031, 014, 013	VIEW OF THE STRUCTURE, LOOKING EAST
P1010243	DIGITAL	06/07/2010	A	024, 005, 008, 010, 017, 023, 031, 014, 013	VIEW OF THE STRUCTURE, LOOKING EAST
P1010244	DIGITAL	06/07/2010	A	024, 005, 008, 010, 017, 023, 031, 014, 013	VIEW OF THE STRUCTURE, LOOKING SOUTH-EAST
P1010245	DIGITAL	06/07/2010	A	024, 005, 008, 010, 017, 023, 031, 014, 013	VIEW OF THE STRUCTURE, LOOKING SOUTH-EAST
P1010246	DIGITAL	06/07/2010	A	024, 005, 008, 010, 017, 023, 031, 014, 013	VIEW OF THE STRUCTURE, LOOKING SOUTH-EAST
P1010331	DIGITAL	12/07/2010	A	024, 005, 008, 010, 017, 023, 031, 014, 013, 035	VIEW OF THE STRUCTURE, LOOKING EAST
P1010332	DIGITAL	12/07/2010	A	024, 005, 008, 010, 017, 023, 031, 014, 013, 035	VIEW OF THE STRUCTURE, LOOKING EAST
P1010333	DIGITAL	12/07/2010	A	024, 005, 008, 010, 017, 023, 031, 014, 013, 035	VIEW OF THE STRUCTURE, LOOKING EAST

P1010334	DIGITAL	12/07/2010	A	024, 005, 008, 010, 017, 023, 031, 014, 013, 035	VIEW OF THE STRUCTURE, LOOKING EAST
P1010335	DIGITAL	12/07/2010	A	031, 013, 014, 009, 028, 023, 029, 039, 005	VIEW OF THE NORTHERN HALF OF THE STRUCTURE, LOOKING NORTH-EAST
P1010336	DIGITAL	12/07/2010	A	031, 013, 014, 009, 028, 023, 029, 039, 005	VIEW OF THE NORTHERN HALF OF THE STRUCTURE, LOOKING NORTH-EAST
P1010337	DIGITAL	12/07/2010	A	008, 005, 013, 014, 028, 029, 029, 016, 039, 025, 024, 023, 035	VIEW OF THE STRUCTURE LOOKING SOUTH EAST
P1010338	DIGITAL	12/07/2010	A	008, 005, 013, 014, 028, 029, 029, 016, 039, 025, 024, 023, 035	VIEW OF THE STRUCTURE LOOKING SOUTH EAST
P1010339	DIGITAL	12/07/2010	A	008, 005, 013, 014, 028, 029, 029, 016, 039, 025, 024, 023, 035	VIEW OF THE STRUCTURE LOOKING SOUTH EAST
P1010340	DIGITAL	12/07/2010	A	008, 005, 013, 014, 028, 029, 029, 016, 039, 025, 024, 023, 035	VIEW OF THE STRUCTURE LOOKING SOUTH EAST
P1010341	DIGITAL	12/07/2010	A	008, 005, 013, 014, 028, 029, 029, 016, 039, 025, 024, 023, 035	VIEW OF THE STRUCTURE LOOKING SOUTH EAST
P1010342	DIGITAL	12/07/2010	A	008, 005, 013, 014, 028, 029, 029, 016, 039, 025, 024, 023, 035	VIEW OF THE STRUCTURE LOOKING SOUTH EAST
P1010343	DIGITAL	12/07/2010	A	031, 013, 014, 009, 028, 023, 029, 039, 005	VIEW OF THE NORTHERN HALF OF THE STRUCTURE, LOOKING NORTH-EAST
P1010344	DIGITAL	12/07/2010	A	031, 013, 014, 009, 028, 023, 029, 039, 005	VIEW OF THE NORTHERN HALF OF THE STRUCTURE, LOOKING NORTH-EAST
P1010345	DIGITAL	12/07/2010	A	008, 005, 013, 014, 028, 025, 024, 023, 035	VIEW OF THE STRUCTURE LOOKING NORTH-EAST
P1010346	DIGITAL	12/07/2010	A	008, 005, 013, 014, 028, 025, 024, 023, 035	VIEW OF THE STRUCTURE LOOKING NORTH-EAST
P1010347	DIGITAL	12/07/2010	A	005, 008, 023, 031, 013, 024, 025, 026, 035	VIEW OF THE STRUCTURE LOOKING EAST
P1010348	DIGITAL	12/07/2010	A	005, 008, 023, 031, 013, 024, 025, 026, 035	VIEW OF THE STRUCTURE LOOKING EAST
P1010349	DIGITAL	12/07/2010	A	039, 016	DETAIL OF MIDDEN [039]
P1010350	DIGITAL	12/07/2010	A	039, 016	DETAIL OF MIDDEN [039]
P1010351	DIGITAL	12/07/2010	A	039, 016	DETAIL OF MIDDEN [039]
P1010352	DIGITAL	12/07/2010	A	039, 016, 029, 028	DETAIL OF MIDDEN [039]
P1010353	DIGITAL	12/07/2010	A	039, 016, 029, 028	DETAIL OF MIDDEN [039]
P1010354	DIGITAL	12/07/2010	A	013, 029, 016, 039, 014, 031, 038	DETAIL OF NORTH-WEST CELL OF STRUCTURE, LOOKING EAST
P1010355	DIGITAL	12/07/2010	A	013, 029, 016, 039, 014, 031, 038	DETAIL OF NORTH-WEST CELL OF STRUCTURE, LOOKING EAST
P1010356	DIGITAL	12/07/2010	A	024, 035, 023	DETAIL OF KERB [024] AND THE POSSIBLE THRESHOLD STONE [035], VIEW LOOKING EAST
P1010357	DIGITAL	12/07/2010	A	024, 035, 023, 010	DETAIL OF KERB [024] AND THE POSSIBLE THRESHOLD STONE [035], VIEW LOOKING EAST
P1010358	DIGITAL	12/07/2010	A	024, 035, 023, 010	DETAIL OF KERB [024] AND THE POSSIBLE THRESHOLD STONE [035], VIEW LOOKING EAST
P1010359	DIGITAL	12/07/2010	A	016, 029, 039, 028, 009, 014, 013, 031, 025, 038, 023	VIEW OF THE NORTHERN HALF OF THE STRUCTURE, LOOKING SOUTH-EAST
P1010360	DIGITAL	12/07/2010	A	016, 029, 039, 028, 009, 014, 013, 031, 025, 038, 023	VIEW OF THE NORTHERN HALF OF THE STRUCTURE, LOOKING SOUTH-EAST
P1010364	DIGITAL	12/07/2010	B	1001, 1002, 1007, 1006, 1004, 1005	VIEW OF THE MOUND, LOOKING NORTH-EAST
P1010365	DIGITAL	12/07/2010	B	1001, 1002, 1007, 1006, 1004, 1005	VIEW OF THE MOUND, LOOKING NORTH-EAST
P1010366	DIGITAL	12/07/2010	B	1001, 1002, 1007, 1006, 1004, 1005	VIEW OF THE MOUND, LOOKING NORTH
P1010367	DIGITAL	12/07/2010	B	1001, 1002, 1007, 1006, 1004, 1005	VIEW OF THE MOUND, LOOKING NORTH
P1010368	DIGITAL	12/07/2010	B	1001, 1002, 1007, 1006, 1004, 1005	VIEW OF THE MOUND, LOOKING NORTH
P1010369	DIGITAL	12/07/2010	B	1006, 1007	DETAIL OF A CONCENTRATION OF LIMPET SHELLS FROM AREA B
P1010370	DIGITAL	12/07/2010	B	1001, 1002	VIEW OF THE NORTHERN HALF OF THE TRENCH, VIEW LOOKING SOUTH-WEST
P1010371	DIGITAL	12/07/2010	B	1001, 1002	VIEW OF THE NORTHERN HALF OF THE TRENCH, VIEW LOOKING SOUTH-WEST
P1010372	DIGITAL	12/07/2010	B	1001, 1002	VIEW OF THE NORTHERN HALF OF THE TRENCH, VIEW LOOKING SOUTH-WEST
P1010373	DIGITAL	12/07/2010	B	1004, 1005, 1003	VIEW OF THE CENTRE OF THE MOUND, FOCUSING ON A STONE FEATURE WITHIN THE RUBBLE
P1010374	DIGITAL	12/07/2010	B	1004, 1005, 1003	VIEW OF THE CENTRE OF THE MOUND, FOCUSING ON A STONE FEATURE WITHIN THE RUBBLE

P1010375	DIGITAL	12/07/2010	B	1004, 1005, 1003	VIEW OF THE CENTRE OF THE MOUND, FOCUSING ON A STONE FEATURE WITHIN THE RUBBLE
P1010376	DIGITAL	12/07/2010	B	1004, 1005, 1007, 1003	VIEW OF THE CENTRE OF THE MOUND, LOOKING EAST
P1010377	DIGITAL	12/07/2010	B	1004, 1005, 1007, 1003	VIEW OF THE CENTRE OF THE MOUND, LOOKING EAST
P1010378	DIGITAL	12/07/2010	B	1004, 1005, 1007, 1003	VIEW OF THE CENTRE OF THE MOUND, LOOKING EAST
P1010379	DIGITAL	12/07/2010	B	1004, 1005, 1007, 1003	VIEW OF THE CENTRE OF THE MOUND, LOOKING EAST
P1010383	DIGITAL	14/07/2010	A	039, 016, 028	DETAIL OF THE MIDDEN DEPOSIT IN THE NORTH OF THE STRUCTURE, AFTER KUBIENA SAMPLES WERE REMOVED
P1010384	DIGITAL	14/07/2010	A	039, 016, 028	DETAIL OF THE MIDDEN DEPOSIT IN THE NORTH OF THE STRUCTURE, AFTER KUBIENA SAMPLES WERE REMOVED
P1010385	DIGITAL	14/07/2010	A	039, 016, 028	DETAIL OF THE MIDDEN DEPOSIT IN THE NORTH OF THE STRUCTURE, AFTER KUBIENA SAMPLES WERE REMOVED
P1010386	DIGITAL	14/07/2010	A	039, 016, 028	DETAIL OF THE MIDDEN DEPOSIT IN THE NORTH OF THE STRUCTURE, AFTER KUBIENA SAMPLES WERE REMOVED
P1010387	DIGITAL	14/07/2010	A	028, 035, 014, 013, 031, 038	DETAIL OF THE AREA CONTAINED BY ORTHOSTATS 028, 014, AND 031
P1010388	DIGITAL	14/07/2010	A	028, 035, 014, 013, 031, 038	DETAIL OF THE AREA CONTAINED BY ORTHOSTATS 028, 014, AND 031
P1010389	DIGITAL	14/07/2010	A	028, 035, 014, 013, 031, 038	DETAIL OF THE AREA CONTAINED BY ORTHOSTATS 028, 014, AND 031
P1010390	DIGITAL	14/07/2010	A	028, 035, 014, 013, 031, 038	DETAIL OF THE AREA CONTAINED BY ORTHOSTATS 028, 014, AND 031
P1010391	DIGITAL	14/07/2010	A	028, 009, 014, 013, 038	DETAIL OF THE NORTHERN AREA OF THE STRUCTURE, LOOKING NORTH-EAST
P1010392	DIGITAL	14/07/2010	A	028, 009, 014, 013, 038	DETAIL OF THE NORTHERN AREA OF THE STRUCTURE, LOOKING NORTH-EAST
P1010393	DIGITAL	14/07/2010	A	035, 025	DETAIL OF THE EDGE OF THE STRUCTURE AND THE STORM BEACH
P1010394	DIGITAL	14/07/2010	A	035, 025	DETAIL OF THE EDGE OF THE STRUCTURE AND THE STORM BEACH
P1010395	DIGITAL	14/07/2010	A	008, 013	DETAIL OF THE RELATIONSHIP BETWEEN BACKING STONES [008] AND ORTHOSTATS [013]
P1010396	DIGITAL	14/07/2010	A	008, 013	DETAIL OF THE RELATIONSHIP BETWEEN BACKING STONES [008] AND ORTHOSTATS [013]
P1010397	DIGITAL	14/07/2010	A	008, 013	DETAIL OF THE RELATIONSHIP BETWEEN BACKING STONES [008] AND ORTHOSTATS [013]
P1010398	DIGITAL	14/07/2010	A	007, 037	DETAIL FO ORTHOSTATS [007] AND POSSIBLE PAVING [037]
P1010399	DIGITAL	14/07/2010	A	007, 037	DETAIL FO ORTHOSTATS [007] AND POSSIBLE PAVING [037]
P1010400	DIGITAL	14/07/2010	A	016, 029, 028, 039	DETAIL OF MIDDEN [039] FOLLOWING EXCAVATION
P1010401	DIGITAL	14/07/2010	A	016, 029, 028, 039	DETAIL OF MIDDEN [039] FOLLOWING EXCAVATION
P1010402	DIGITAL	14/07/2010	A	016, 029, 028, 039	DETAIL OF MIDDEN [039] FOLLOWING EXCAVATION
P1010403	DIGITAL	14/07/2010	A		AREA A BACKFILLED AND COVERED FOLLOWING THE END OF THE EXCAVATION SEASON
P1010404	DIGITAL	14/07/2010	A		AREA A BACKFILLED AND COVERED FOLLOWING THE END OF THE EXCAVATION SEASON
P1010405	DIGITAL	14/07/2010	A		AREA B BACKFILLED FOLLOWING THE END OF THE EXCAVATION SEASON

APPENDIX IX

DITCH NORTH EAST OF MIDHOWE: DESCRIPTION OF CONTEXTS

APPENDIX X
DITCH NORTH EAST OF MIDHOWER:
DESCRIPTION OF THE EXCAVATED DEPOSITS

APPENDIX XI
DITCH NORTH EAST OF MIDHOWE: LIST OF SMALL FINDS

SF NO	SITE CODE	AREA	CONTEXT	TYPE	DESCRIPTION	NOTES
031	MHD10		308	STONE		
032	MHD10		308	BONE		
033	MHD10		314	CHARCOAL		
034	MHD10			STONE		
035	MHD10		308	STONE	PEBBLE	
057	MHD10		315	OTHER	BULK	
058	MHD10		314	BONE		
090	MHD10		303	WORKED STONE		
108	MHD10		314	OTHER	BULK	

APPENDIX XII
DITCH NORTH EAST OF MIDHOWE: LIST OF PHOTOS

SLIDE/SLIDE REF	TYPE	DATE	CONTEXT	DESCRIPTION
MHD1	DIGITAL	9/7/10	301, 302, 303, 304, 310	VIEW OF THE DITCH SECTION, VIEW LOOKING SOUTH
MHD2	DIGITAL	9/7/10	301, 302, 303, 304, 310	VIEW OF THE DITCH SECTION, VIEW LOOKING SOUTH
MHD3	DIGITAL	9/7/10	301, 302, 303, 304, 310	VIEW OF THE DITCH SECTION, VIEW LOOKING SOUTH
MHD4	DIGITAL	9/7/10	301, 302, 303, 304, 310	VIEW OF THE DITCH SECTION, VIEW LOOKING SOUTH
MHD5	DIGITAL	9/7/10	301, 302, 303, 304, 310	VIEW OF THE DITCH SECTION, VIEW LOOKING SOUTH
MHD6	DIGITAL	9/7/10	301, 302, 303, 304, 310	VIEW OF THE DITCH SECTION, VIEW LOOKING SOUTH
MHD7	DIGITAL	9/7/10	301, 302, 303, 304, 310	VIEW OF THE DITCH SECTION, VIEW LOOKING SOUTH
MHD8	DIGITAL	9/7/10	301, 302, 303, 304, 310	VIEW OF THE DITCH SECTION, VIEW LOOKING SOUTH
MHD9	DIGITAL	9/7/10	301, 302, 303, 304, 310	VIEW OF THE DITCH SECTION, VIEW LOOKING SOUTH
MHD10	DIGITAL	9/7/10	301, 302, 303, 304, 310	VIEW OF THE DITCH SECTION, VIEW LOOKING SOUTH
MHD11	DIGITAL	9/7/10	301, 302, 303, 304, 310	VIEW OF THE DITCH SECTION, VIEW LOOKING SOUTH
MHD12	DIGITAL	9/7/10	301, 302, 303, 304, 310	VIEW OF THE DITCH SECTION, VIEW LOOKING SOUTH-EAST
MHD28	DIGITAL	13/7/10	301, 302, 303, 306, 307, 308, 310, 312	VIEW OF THE DITCH SECTION, VIEW LOOKING EAST
MHD29	DIGITAL	13/7/10	301, 302, 303, 306, 307, 308, 310, 312	VIEW OF THE DITCH SECTION, VIEW LOOKING EAST
MHD30	DIGITAL	13/7/10	301, 302, 303, 304, 306, 307, 308, 310, 312	VIEW OF THE DITCH SECTION, VIEW LOOKING EAST
MHD31	DIGITAL	13/7/10	301, 302, 303, 304, 306, 307, 308, 310, 312	VIEW OF THE DITCH SECTION, VIEW LOOKING NORTH
MHD32	DIGITAL	13/7/10	301, 302, 303, 304, 306, 307, 308, 310, 312	VIEW OF THE DITCH SECTION, VIEW LOOKING NORTH
MHD33	DIGITAL	13/7/10	301, 302, 303, 306, 307, 308, 312	VIEW OF THE DITCH SECTION, VIEW LOOKING EAST, SOUTHERN HALF OF THE DITCH ONLY
MHD34	DIGITAL	13/7/10	301, 302, 303, 306, 307, 308, 310, 312	VIEW OF THE DITCH SECTION, VIEW LOOKING EAST
MHD35	DIGITAL	13/7/10	301, 302, 303, 306, 307, 308, 310, 312	VIEW OF THE DITCH SECTION, VIEW LOOKING EAST
MHD36	DIGITAL	13/7/10	391, 302, 303, 304, 307, 310	VIEW OF THE DITCH SECTION, VIEW LOOKING EAST, NORTHERN HALF OF THE DITCH ONLY