

Neolithic settlement at Cata Sand, Sanday:
Excavations in 2017
Data Structure Report



Grid ref: HY 704 397

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Introduction

On the eastern side of Cata Sand, Sanday, a small sand dune known as the Grithies Dune is located in the intertidal zone (grid reference: HY 704 397: Figure 1). In December 2015 we identified archaeological material eroding out of the sand immediately to the south of the Grithies Dune. We returned in March 2016 to undertake an evaluation. We opened up a small trench roughly 8 x 5m over an area where we had previously seen archaeological deposits. The work involved the removal of windblown sand only rather than the excavation of any of the archaeological layers revealed. This simple cleaning exercise, however, produced 41 artefacts including flint debitage, Skailt knives, coarse stone tools and pottery. The evaluation revealed that the remains of occupation, including a house, lay exposed just beneath windblown sand. In order to ascertain the extent of the occupation here we then conducted a large-scale geophysical survey of the area using magnetometry. This revealed an area of magnetic enhancement around the Grithies Dune roughly 20m in diameter (Figure 2). We returned for a four week period in 2017 to excavate the archaeological remains concentrated at the Grithies Dune site.



Figure 1. The location of Cata Sand, Sanday, Orkney. The Grithies Dune is highlighted in red

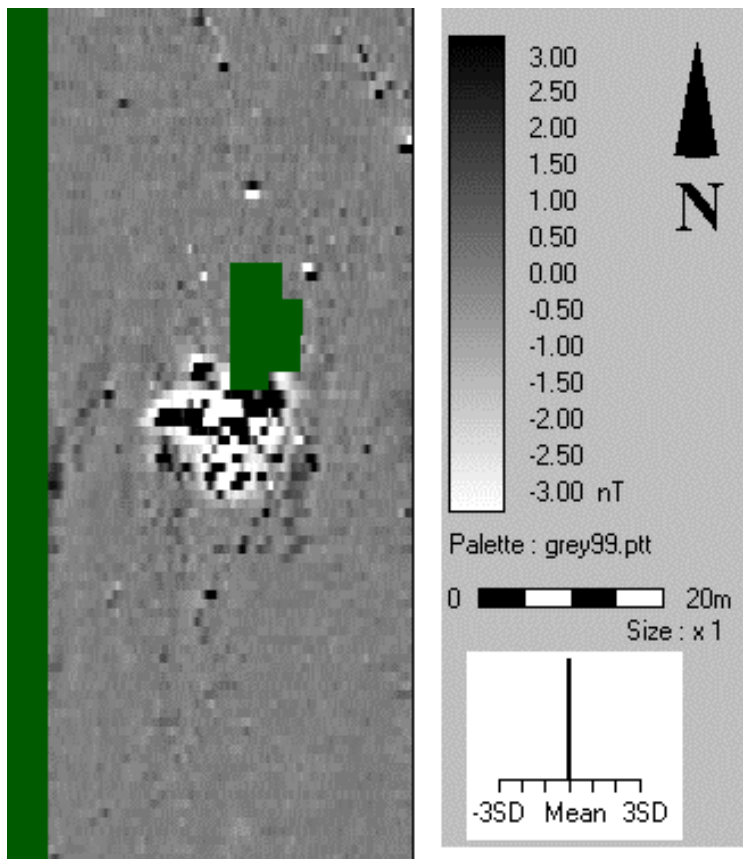


Figure 2. Detailed plot of the geophysics around the Grithies Dune showing a large feature roughly 20 x 20m across. The green patches in the middle are dummy readings indicating where the extant Grithies Dune is located

Aims of the excavation

We had already identified the presence of architecture and associated deposits to the south of the Grithies Dune. Our initial assessment suggested that this might be a late Neolithic and possibly even early Bronze Age structure. This was of particular interest to us as we hoped to explore this transition period, with previous work on Orkney having been focussed on earlier and later Neolithic houses (see Richards 2005; Richards and Jones 2015). However, one of the key aims of the excavation was to reveal the structure in its entirety in order to get a more precise date for the occupation. It was also immediately clear from our 2016 exploratory trench that this archaeology was under serious threat of being destroyed through ongoing erosion. This was particularly pertinent here because up to 2012 the Grithies Dune had been longer, covering and effectively protecting the archaeology. A storm removed a substantial piece of the larger dune to the east which in turn effected the stability of the Grithies Dune (Colin and Heather Headworth *pers. comm.*). While the larger dune is beginning to return, the smaller Grithies Dune is not, leaving the archaeology exposed.

In summary the aims of the project were:

-The excavation of archaeological deposits at the Grithies Dune, particularly those at highest risk from being destroyed.

-The subsequent analysis of all artefacts and ecofacts recovered from The Grithies Dune including the radiocarbon dating of samples to date and characterise the nature of the occupation.

Methodology

We opened an area which incorporated the area of magnetic enhancement identified by the geophysical survey. We did not remove any standing dune. Once the archaeology was exposed we then targeted specific areas for excavation. We removed any windblown sand by hand to ensure we were not removing any archaeological contexts. All contexts and features were then excavated by trowel and hand shovel and fully recorded (plans/sections, photographs and single context recording). We dry sieved all contexts. We kept the spoil from 100% of cut features for wet sieving, 10% of other contexts were also retained for wet sieving, following English Heritage guidelines on good practice in environmental archaeology (Campbell *et al.* 2001). All finds were retained and recorded in three dimensions using a GPS total station. Unworked animal bones were kept by context apart from the whale skeletons which were excavated and extracted as individuals (see below). At the end of the excavation the site was returned to the condition it was found prior to excavation.



Figure 3. Vertical shot of the trench at Cata Sand showing the early Neolithic house and the two later cuts filled with whale bone

Context narratives

The trench at Cata Sand incorporated three key elements, each of which will be dealt with in turn.

Early Neolithic house and later midden deposits

Stratigraphically, the latest component of the site was a short portion of walling overlying a thick midden deposit (003). Disappearing under the Grithies Dune to the north, and cut through by the whale pit [038] to the south, only a small portion of this wall survived. It consisted of two wall faces (040 and 041) and a rubble core (042). This short portion of wall lay on top of a thick deposit of dark brown midden containing limpets and unworked animal bone (003). A number of small finds were also recovered from the midden including pottery (SF109, 115, 117) and stone tools (SF106, 110, 114). This midden is clearly the remains of a significant occupation event or events. It also acted to preserve a considerable component of an earlier structure underneath: the remains of an early Neolithic house or houses. The components of this house will now be detailed in turn.

The remains of the early Neolithic house was defined to the north by the scant remains of what was once a substantial wall. Only one course of the wall survived: an outer face (008), an inner face (009) with a sandy core (010). This wall was well-defined in the north-east sector of the house which would have been protected by the standing Grithies Dune before it was reduced in size, but petered out to the west. To the east the outer wall face was largely missing once 003 had been removed but it was possible to see where the wall had once stood by virtue of a bank of wind-blown sand which had built up against the now-missing wall (083).

To the south of the site the wall was virtually entirely gone. Two stones survived (062) which may be the remains of a wall, but whether these are contemporary with the better-preserved northern wall is debatable. There is good evidence for internal divisions within the house. A large slab (066) ran at right angles to the northern inner wall face (008) which may be a partition. A large linear deposit (073) was visible opposite 066 which may be the fill of a cut for another divisional orthostat.

Figure 4. Pullout A3 – plan of the entire site (multi-context) showing key features



Figure 5. Walling on the northern side of the house. Outer wall to the right (009), inner-facing wall in the middle (008) and a partition stone (066) visible to the left



Figure 6. The north-eastern extent of the early Neolithic house wall after the later midden (003) had been removed. It is possible to make out sand blown up against the now-robbed out wall. The line of stones to the left of the picture is most likely a drain

Within the house there were a number of features including hearths and deposits including occupation layers. In many places, where investigated, it was not always possible to demonstrate the stratigraphic sequence of these different elements. This is because of differential weathering and erosion processes at work on a site built on sand. Potentially one of the last structural components of the site was a rectangular block of stones abutting the inner wall face (071). This was described as a 'pier' due to similarities with a similar feature at the Braes of Ha'Breck on Wyre. Whether it was the remains of an internal division, a later structural feature creating a raised platform within the house or simply a dump of stone is not clear. However, upon removal it cleaned down to reveal the remains of a hearth. One hearth stone remained in place (099) but the others had been removed although the cuts in which they once stood were clearly visible [118, 120]. Two stones on the south side might be displaced hearth stones (128).



Figure 7. Central hearth found under the 'pier' (071) after the hearth fill had been removed (view looking north). One slab (099) remained in place (right) while only the outlines of the others could be seen

This hearth was located just over a metre from the inner facing wall (008) but directly abutting the wall was an occupation deposit with a clearly defined edge just to the north of the hearth (see Figure 7). There may well have been furniture here, and a large slab (103) may have been

part of that. This slab overlay a cut [069] which may be the remains of another internal division. The fill of this cut (070) contained a small number of stone tools (SF116, 118, 119). This all needs investigating further next year.

The central hearth (fill 100) was clearly later, but there were also two hearths which appeared to be earlier. One was exposed in our 2016 investigations (004) and was well-preserved. However, we did not expect to find another hearth to the west of the site, but here another large and well-preserved hearth survives (032; see Figure 8). Both of these hearths are surrounded by occupation layers which butt up against the hearth stones. We left the occupation around the western hearth intact (028) and did not investigate this area any further this season, although there were a number of small finds, mainly flint, on the surface of 028 (SF107, 128-138, 141, 175). We concentrated our efforts instead on hearth 004 and its surrounding occupation layers. In places the occupation was patchy but in other areas, especially around the hearth, it was thickly deposited – we could not demonstrate any stratigraphic differences between the patches and main occupation spread so this is now considered part of one context (084). The interior of the house was gridded into metre squares and 084 excavated using this grid. Those squares around the wall (008) were the most vulnerable and were removed first. Those around the hearth were left *in situ* to be excavated next year (because they support the hearth stones). The occupation produced some small finds including pottery (SF160) and stone tools (SF172, 174). The hearth itself was also half-sectioned (fill 068, and see Figure 9).



Figure 8. Western hearth (032) looking east into the house and surrounded by dark brown occupation layers



Figure 9. Hearth 004 half-sectioned (fill 068) looking west. The whale pit cuts into one side of the hearth (bottom left) and occupation (084) can be seen abutting the right hearth stone

The occupation layer 084 peeled off onto clean sand in most places, demonstrating the house was built on sand. In one place, however, a feature was found underneath 084. This was a roughly circular pit cut into the sand [128]. It contained two fills (113a and 113b) and may be the deposition of two deposits, or, possibly, a recut feature. Its position underneath the main occupation layer indicates it is primary.



Figure 10. Section through pit [128] showing deposits of ashy material (113)

Interior features. There were also several other features found within the house. Two consisted of large stones placed on smaller supporting stones – one (064) has been left *in situ*. The other (063) was removed but it was not clear what this feature had been. The remains of a possible posthole were also uncovered with three packing stones (129) visible to the west of 004.

Drains. Two possible drains were identified in association with the house. One ran east-west and was immediately north of the bank of sand blown up against the wall (083). This drain [091] with a sandy fill (092) would have either been outside the house or later. Another possible drain [088] with a fill (089) and possible capping stones (090) ran from outside the house in towards the hearth (004). Neither were excavated this season.

Features outside the house

A small number of features were identified outside the house. These were defined by dark occupation/midden deposits cut into clean golden sand. Three of these were excavated in 2017 (see Figure 4). All three were half-sectioned and then fully excavated; 100% of the fill was retained for wet sieving.

Feature cut 051. This feature was roughly circular when first exposed and contained a single homogenous fill (052). The fill was dark ashy midden material with charcoal flecks and containing four small finds (a flint flake and three Skaill knives SF120-123).



Figure 11. Feature 051 in plan (left) and half-sectioned (right)

Feature cut 053. This feature appeared to be rectangular when first revealed but upon excavation was revealed to be circular in shape with an undulating base. It was actually a rather superficial cut containing a dark brown silty fill (054).

Feature cut 049. Circular in plan, this feature contained two fills, a lower orange-brown silt (112) which contained a quantity of burnt bone (SF161-169). The upper fill (050) was a darker

brown sandy silt. This context also contained Skail knives, a pot fragment and burnt bone (SF143, 145-157). The cut of this feature bowed out towards the bottom, suggesting either the sandy sides had slumped into the pit higher up, or that the pit was recut at a later date.

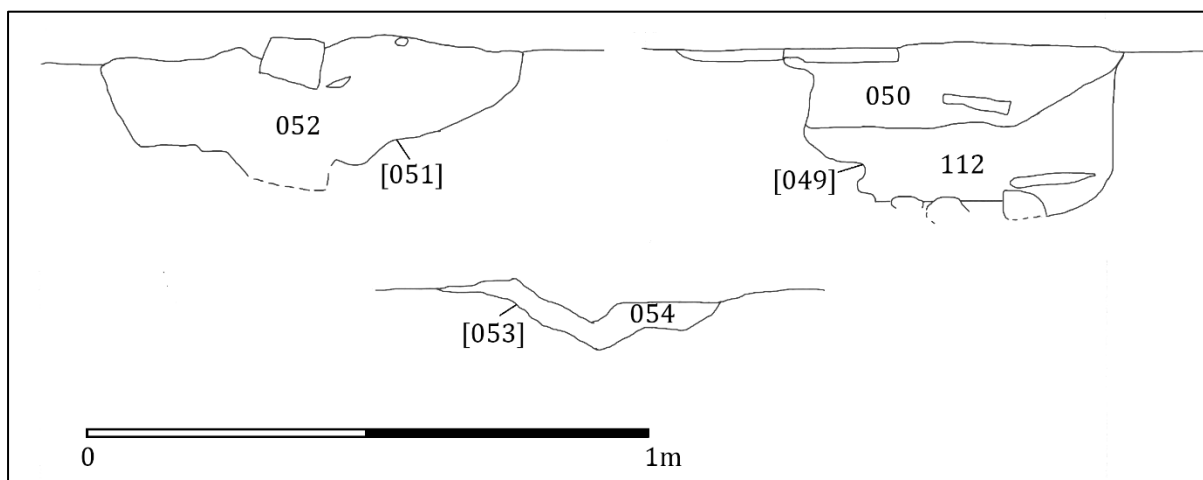


Figure 12. Sections through the three excavated features beyond the house

The relationship between these cut features and the house cannot be demonstrated stratigraphically, however the presence of prehistoric material culture within them suggests contemporaneity as does the fact that some features were cut into clean golden sand within the house. Radiocarbon dates will ultimately indicate date.

Whale pits

There were two large elongated pits at Cata Sand, one on the eastern extent of the trench running roughly north-south [038] and another running through the middle of the trench on a WNW-ESE axis [079]. As soon as the trench was opened we could clearly make out a series of spinous processes sticking up through the sand, and in places, vertebral bodies: it was clear that there were a series of mammal skeletons buried within these pits. Due to the size of the vertebrae it was suggested that these were the remains of whales. We chose to focus on the eastern pit [038] and as such left the other pit unexcavated.

The whale pit [038] contained a single fill which was a light and loose golden sand (039) which dried differentially to the other golden sand on site enabling us to identify the cut. A small quantity of stones were found within this sand, and it cleaned down, in places, to the gravel bank. While the stratigraphy was very straightforward the mix of skeletal components was more testing, and we attempted to excavate and extract individuals as units (Associated Bone Groups). This endeavour was complicated by the fact that no individuals had their skulls and flippers had been separated from individuals and placed in the cut haphazardly. Moreover,

whale remains had been placed in the cut two-deep and as they had decomposed some of the remains of some individuals closely overlay those of others. Those higher up were better preserved than those lower down which were affected by high tide and had started to rot. In amongst the fill were modern finds including iron objects (SF104, 105) and glass (SF112).



Figure 13. The whale pits (left and top) at Cata Sand with the tops of whale vertebrae sticking out of the sand



Figure 14. Upper layer of whale carcasses representing the remains of multiple whales

Discussion

The site at Cata Sand has revealed the remains of an early Neolithic house. The presence of three hearths within the house are suggestive that this house was occupied over a period of time and that the house was remodelled on a number of occasions. The occupation layers associated with this activity are thick and well-preserved in places, but patchy and diffuse in others. This is most likely the result of post-depositional processes, including the site being covered by later occupation remains (the 003 midden deposit) which may have included a separate structure, and a dune system. Part of the site is underwater at high tide, but the most destructive element at the site is the wind, which removes deposits when the site is very dry. It is this combination of factors which seems to have produced the partial remains which survive today.

While the archaeology is significantly truncated and under threat of complete destruction imminently, the preservation at the site is remarkable. There is good bone preservation as would be expected in a sandy environment and quantities were retrieved not just from the whale pits but also from Neolithic contexts. The bone will not only provide material for radiocarbon dates but will also offer us insights into the economy of people living at the site. Of particular interest will be the presence (or absence?) of fish remains since the early Neolithic is typically characterised by a lack of marine resources in the diet (Montgomery *et al.* 2013; Schulting 2008). A good quantity of stone tools were also recovered, but the pottery was very poorly preserved. Fortunately pottery is well preserved on comparable sites on Mainland but where there is no bone preservation (see Richards and Jones 2013).

The whale pits were a complete surprise at Cata Sand. We removed the remains of up to a dozen individuals, but this count was complicated by the lack of skulls. We were sure that these were modern because they were still greasy in places and because there were accounts of whales being beached here in recent centuries. An account reads about someone visiting Tresness:

As I was pursuing my solitary way, I discovered upon the beach a large number of whales (the *Delphinus deductor* of zoologists), or, as seamen call them, "bottlenoses." They varied in length from ten or twelve to twenty-five feet; the blubber had been cut off, and they were in a horrid state of decomposition, tainting the air for miles.

Extract from *Sketches of Old Times and Distant Places* by John Sinclair (1875)

This account might well be a document of the whales we excavating, and the smell from them may also indicate why they had been disposed of in shallow pits. Certainly the tide at Cata Sand is not strong enough for the whales to be disposed of at sea, and the presence of the large sand dune immediately to the east presumably meant the digging of a quick pit was preferable to hauling smelly and decomposing bodies over a sand dune. This evidence would also be in-keeping with the lack of skulls on site, which in modern times were removed and given to the admiralty.



Figure 15. Complete skeleton of a bottlenose. We recovered all components bar the skull

Outline of future work and post-excavation strategy

The site is at severe threat of being destroyed. It would be good, therefore, to return to the site to completely excavate the early Neolithic house and all associated features. Pending appropriate permissions we are planning to return to Cata Sand in 2018 to complete the excavations. However, we would not propose to excavate the remaining whale pit since a good sample of the whales have been recovered for analysis.

Post-excavation is already underway (as of September 2017). The priority is to finish off the wet sieving of the samples we did not process on site, and then do the residue sorting and have the macro fossils identified. The animal bone component will also need analysing. One of the largest jobs is the analysis of the whale remains.

References

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Registers

Context register 2017

024	Deposit	Golden sand	17/08/2017	VC
025	Structure	Stones under (024) - Test Pit 1	17/08/2017	VC
026	Deposit	Gravelly sand under (001)	17/08/2017	VC
027	Deposit	Beach under (001) - W side	17/08/2017	VC
028	Deposit	Dark midden under (027)	17/08/2017	VC
029	Deposit	Clean sand under (027) - Test Pit 2	17/08/2017	VC
030	Structure	Upright of cist/box (032)	18/08/2017	CR
031	Structure	Upright of cist/box (032)	18/08/2017	CR
032	Structure	Cist/box	18/08/2017	CR
033	Deposit	Dark brown soil - E of cist/box (032)	18/08/2017	CR
034	Structure	Upright of cist/box (032)	18/08/2017	CR
035	Structure	Upright of cist/box (032)	18/08/2017	CR
036	Deposit	Upper fill of cist/box (032)	18/08/2017	CR
037	Deposit	Fill of cist/box under (036)	18/08/2017	CR
038	Cut	For deposition of whales	18/08/2017	CR
039	Deposit	Fill in (038) including whale remains	18/08/2017	CR
040	Structure	Outer face of wall - NE side	18/08/2017	CR
041	Structure	Inner face of wall - NE side	18/08/2017	CR
042	Structure	Core of wall between (040) and(041)	18/08/2017	CR
043	Cut	Feature next to SE (038)	18/08/2017	CR
044	Deposit	Dark fill of (043)	18/08/2017	CR
045	Cut	Feature abutting (038)	18/08/2017	CR
046	Deposit	Dark brown fill of (045)	18/08/2017	CR
047	Cut	Circular feature S of hearth	18/08/2017	CR
048	Deposit	Dark fill of (047)	18/08/2017	CR
049	Cut	Circular feature E of (047)	18/08/2017	CR
050	Deposit	Dark fill of (049)	18/08/2017	CR
051	Cut	Circular feature S of (049)	18/08/2017	CR
052	Deposit	Dark fill of (051)	18/08/2017	CR
053	Cut	Square feature	18/08/2017	CR
054	Deposit	Dark fill of (053)	18/08/2017	CR
055	Cut	Amorphous feature	18/08/2017	CR
056	Deposit	Dark fill of (055)	18/08/2017	CR
057	Deposit	Lower midden in house	18/08/2017	CR
058	Deposit	Clean sand between (003) and (057)	18/08/2017	CR
059	Cut	Feature N of (038) circular	18/08/2017	CR
060	Deposit	Fill of (059)	18/08/2017	CR
061	Cut	Linear cut passing through W side	18/08/2017	CR
062	Structure	Two adjacent blocks on SE side of house, ?wall of house	18/08/2017	CR
063	Structure	Capstone/flagstone supported by (007)	18/08/2017	CR
064	Structure	Capstone/flagstone	18/08/2017	CR
065	Structure	Supporting small upright for (064)	18/08/2017	CR

066	Structure	Stone 'pier' - internal division	18/08/2017	CR
067	Structure	Orthostat - internal divisions	18/08/2017	CR
068	Fill	Dark fill of hearth (004) - SAME AS (011)	20/08/2017	CR
069	Cut	Linear cut to E of cist/box	21/08/2017	JD
070	Fill	Sandy fill of linear cut (069)	21/08/2017	JD
071	Layer	Stony, dark brown patch	21/08/2017	JD
072	Structure	Orthostat - part of cist/box (032)	21/08/2017	JD
073	Layer	Patch of midden, possibly fill	21/08/2017	JD
074	Layer	Patch of midden, cut by whale deposition	21/08/2017	JD
075	Structure	Upper stonework of pier	23/08/2017	VC
076	Structure	Walling defining edge of pier	23/08/2017	VC
077	Deposit	Occupation layer in house - (SAME AS 084)	23/08/2017	VC
078	Deposit	Lower occupation below (077)	23/08/2017	VC
079	Cut	E-W whale deposition cut	23/08/2017	JD
080	Fill	Fill of (079)	23/08/2017	JD
081	Layer	Dark red-brown midden patch along cut (079)	24/08/2017	JD
082	Layer	Patch of dark brown midden and stones in house	24/08/2017	JD
083	Deposit	Bank of dark sand around outer wall (008)	24/08/2017	JD
084	Deposit	Occupational layer banked up to hearth	24/08/2017	JD
085	Layer	Rake out layer around hearth (032)	25/08/2017	JD
086	Layer	Dark brown occupation layer E of hearth	25/08/2017	VC
087	Layer	Lighter brown fill within wall E of hearth	25/08/2017	VC
088	Cut	Possible drain running NE-SW	25/08/2017	VC
089	Fill	Fill of drain (088)	25/08/2017	VC
090	Structure	Slabs on top of drain (088)	25/08/2017	VC
091	Cut	Slot (drain?) just beyond wall (008)	25/08/2017	VC
092	Fill	Fill of (091); mid brown sand	25/08/2017	VC
093	Layer	Orangey stones, mottled layer N	25/08/2017	JD
094	Layer	Brown midden patch E of house	25/08/2017	CG
095	Layer	Small patch of floor in house inside (009)	28/08/2017	JD
096	Layer	Brown midden within (007) uprights under stone (063)	28/08/2017	JD
097	Layer	Patch of dark brown to W of hearth (004)	28/08/2017	JD
098	Layer	Patch of dark brown to W of hearth (004)	28/08/2017	JD
099	Structure	Orthostat of primary hearth	28/08/2017	VC
100	Fill	In-situ burning - hearth	28/08/2017	VC
101	Layer	Occupation layer abutting wall	28/08/2017	VC
102	Layer	Occupation under (071)	28/08/2017	VC
103	Structure	Large slab below (070)	28/08/2017	VC
104	Layer	Sand layer in upper house interior	29/08/2017	JD
105	Layer	Brown layer immediately inside (009)	29/08/2017	JD
106	Layer	Brown with shells	29/08/2017	JSA
107	Layer	Brown silty sand layer around (096) and (007)	30/08/2017	SAS
108	Layer	Upper house floor level/bottom (003)	30/08/2017	JD
109	Layer	Golden sand between (066) and (067)	31/08/2017	SAS
110	Cut	Possible slot for an orthostat related to (007) and (096)	31/08/2017	SAS
111	Layer	Fill of (110)	31/08/2017	SAS

112	Layer	Lower fill of cut (049)	01/09/2017	CG
113	Layer	Orange-brown burnt fill of feature in W of house	01/09/2017	TM
114	Layer	Orange-brown burnt fill of feature in SW of house	01/09/2017	TM
115	Layer	Probable extension of (073) either side of wall (062)	01/09/2017	JD
116	Layer	Discrete dark patch in house interior, possible slot	01/09/2017	JD
117	Structure	Orthostat N of (099) - hearth?	01/09/2017	VC
118	Cut	Missing hearth stone, N end	01/09/2017	VC
119	Fill	Brown fill of (118)	01/09/2017	VC
120	Cut	Missing hearth stone, S end	01/09/2017	VC
121	Fill	Brown fill of (120)	01/09/2017	VC
122	Cut	Sub-oval patch of midden associated with hearth 100	05/09/2017	JH
123	Fill	Midden fill of 122	05/09/2017	JH
124	Cut	Cut for missing hearth stone with 099	05/09/2017	JH
125	Fill	Fill of 124	05/09/2017	JH
126	Structure	Structure south of stone 099 hearth	05/09/2017	JH
127	Structure	Structure north of stone 099 hearth	05/09/2017	JH
128	Cut	Feature north of hearth in house	05/09/2017	VC
129	Structure	Packers for ?posthole next to 004	05/09/2017	VC

Drawing register

Drawing No	Type	Description	Scale	Date
1	Plan	Evaluation plan - post ex	1:20	2016
2	Plan	Multi context	1:20	21/08/2017
3	Plan	Multi context	1:20	21/08/2017
4	Plan	NW part multi context	1:20	21/08/2017
5	Section	Running section to NE of hearth in house	1:10	21/08/2017
6	Section	W facing section in test pit 2	1:10	18/08/2017
7	Section	Cuts (053) and (051)	1:10	24/08/2017
8	Plan	Whales in cut (038)	1:20	24/08/2017
9	Section	Cut (053) context (054)	1:10	25/08/2017
10	Plan	Cuts (053) and (051)		28/08/2017
11	Plan	Overlay of house with grids	1:20	28/08/2017
12	Plan	Interior house overlay - W side	1:20	28/08/2017
13	Plan	Overlay of house with grids - cont.	1:20	31/08/2017
14	Section	(100) hearth fill	1:10	01/09/2017
15	Plan	House interior floors	1:20	01/09/2017
16	Section	Cut (049) section, fills (112) (050)	1:10	01/09/2017
17	Plan	Far western extent of trench showing (028)	1:20	01/09/2017
18	Plan	Multi-context interior of house	1:20	24/08/2017
19	Section	Hearth fill 068	1:10	05/09/2017
20	Plan	Pre-ex plan of hearth 099	1:20	05/09/2017
21	Section	West-facing section [128]	1:10	05/09/2017
22	Plan	Fire pit [128] post-ex	1:20	05/09/2017

Samples register

Sample No	Type	Context No	Reason For Sampling
1	Bulk	001	Midden/occupation - macros
2	Bulk	071	Midden; W end of house next to road
3	Bulk	052	General bulk
4	Bulk	042	Wall core
5	Bulk	054	General bulk
6	Bulk	085	General bulk
7	Bulk	071	Fill
8	Bulk	082	Midden/occupation - inner wall
9	Bulk	086	Midden/tumble - inner wall
10	Bulk	036	Fill of possible 'hearth'
11	Bulk	096	Fill of square feature with orthostat slot (007)
12	Bulk	118	Patch of upper floor deposit/bottom of (003)
13	Bulk	050	Fill of possible pit
14	Bulk	084	Floor deposit SG02
15	Bulk	084	Floor deposit SG03
16	Bulk	084	Possible 'hearth' deposit SG07
17	Bulk	084	Floor deposit SG06
18	Bulk	084	Floor deposit SG06
19	Spot	Various	Lot of spot samples from sample grid over 'house'
20	Bulk	056	Bulk sample of midden spread (South)
21	Bulk	056	Bulk sample of midden spread (North)
22	Bulk	112	Lower fill of cut (050)
23	Bulk	082	Deposit associated with stone tumble at SE extent of 'house'
24	Bulk	100	Hearth deposit - macros
25	Bulk	084	Floor deposit SG11
26	Bulk	100	Section through hearth
27	Micromorph	084	Floor deposit SG12
28	Bulk	113	Fill of burnt feature within 'house'
29	Bulk	050	Upper fill of cut (049)
30	Bulk	084	Floor deposit (SG10)
31	Micromorph	068	Lower tin through hearth 068
32	Micromorph	068	Upper tin through hearth 068
33	Bulk	084	SG5 floor deposit abutting 009
34	Bulk	084	SG9 floor deposit abutting 009

Finds register

Find No	Context	Object/Material
101	026	Fe object
102	033	Flint
103	003	Bone
104	039	Fe object
105	039	Fe object

106	003	Stone rubble
107	028	Pot
108	071	Flint
109	003	Pot
110	003	Skaill knife
111	003	Pot
112	039	Bottle glass
113	039	Pot
114	003	Skaill knife
115	003	Pot
116	070	F
117	003	Pot
118	070	Stone tool
119	070	Flint
120	052	Flint
121	052	Skaill knife (part of 1223)
122	052	Skaill knife (part of 1218)
123	052	Skaill knife
124	-	Flint
125	071	Flint
126	071	Flint
127	010	Flint
128	028	Flint
129	028	Flint
130	028	Flint
131	028	Flint
132	028	Flint
133	028	Flint
134	028	Flint
135	028	Flint
136	028	Flint
137	028	Stone tool
138	028	Flint
139	036	Flint
140	024	Flint
141	028	Skaill knife
142	096	Skaill knife
143	050	Pot
144	096	Flint
145	050	Pot
146	050	Pot
147	050	Pot
148	050	Skaill knife
149	050	Gneiss stone
150	050	Pot
151	050	Pot

152	050	Burnt bone
153	050	Burnt bone
154	050	Skaill knife
155	050	Burnt bone
156	050	Skaill knife
157	050	Burnt bone
158	097	Flint
159	112	Burnt bone
160	084	Pot
161	112	Pot
162	112	Burnt bone
163	112	Bone
164	112	Bone
165	112	Bone
166	112	Bone
167	112	Pot
168	112	Bone
169	112	Pot
170	100	Flint
171	084	Bone
172	084	Skaill knife
173	113	Pot
174	084	Flint
175	028	Gneiss stone tool
176	110	Cobble tool
177	001	Cobble tool
178	044	Wood?

Photo register

Frame No:	Description	Direction	Taken by	Date
1	General site view, mid ex removal of blown sand	NE	CG	15/08/2017
2	General site view, mid ex removal of blown sand	S	CG	15/08/2017
3	Wide view, mid ex removal of beach deposits	NE	CG	15/08/2017
4	Wide view, mid ex removal of beach deposits	NE	CG	15/08/2017
5	Wide view, mid ex removal of beach deposits	ENE	CG	15/08/2017
6	Wide view, mid ex removal of beach deposits	SW	CG	15/08/2017
7	Showing hearth orthostats, mid-ex beach deposits	SW	CG	15/08/2017
8	Whale bones articulated	NW	CG	16/08/2017
9	General view removal of beach deposits	N	CG	16/08/2017
10	General view removal of beach deposits	N	CG	16/08/2017
11	General view removal of beach deposits	SW	CG	16/08/2017
12	General view showing mammal vertebrae	N	CG	16/08/2017
13	Test pit 1 record shot, context (024), (025)	NE	JD	17/08/2017
14	Test pit 1 record shot, context (024), (025)	NE	JD	17/08/2017

15	Test pit 2	SE	JD	17/08/2017
16	Test pit 2	SE	JD	17/08/2017
17	Test pit 2 (above)	SE	JD	17/08/2017
18	Test pit 2 (above)	SE	JD	17/08/2017
19	Test pit 2	SW	JD	17/08/2017
20	Test pit 2 in relation to site	SE	JD	17/08/2017
21	Working shot, site during second clean of sand	SW	JD	17/08/2017
22	Working shot, site during second clean of sand	SW	JD	17/08/2017
23	Working shot, site during second clean of sand	SW	JD	17/08/2017
24	Working shot, site during second clean of sand	SW	JD	17/08/2017
25	Working shot, site during second clean of sand	SW	JD	17/08/2017
26	Working shot, site during second clean of sand	SW	JD	17/08/2017
27	Working shot, site during second clean of sand	SW	JD	17/08/2017
28	Working shot, site during second clean of sand	SW	JD	17/08/2017
29	Working shot, site during second clean of sand	SW	JD	17/08/2017
30	Test pit 1 record shot, context (024), (025)	SE	JD	17/08/2017
31	Test pit 1 record shot, context (024), (025)	SE	JD	17/08/2017
32	Test pit 1 record shot, context (024), (025)	SE	JD	17/08/2017
33	Test pit 1 - general view showing the pit	E	JD	17/08/2017
34	Test pit 1 - general view without scale	E	JD	17/08/2017
35	Test pit 1 - general view	N	JD	17/08/2017
36	Working shot cleaning			18/08/2017
37	New hearth showing up western end trench	E	CR	18/08/2017
38	Working shot cleaning wall		CR	18/08/2017
39	New hearth showing up western end trench	S	CR	18/08/2017
40	House interior working shot	SW	CR	18/08/2017
41	House interior working shot	W	CR	18/08/2017
42	Wall and whales working shot	SE	CR	18/08/2017
43	008, 009, 010 wall working shot	W	CR	18/08/2017
44	Hearth 004 cleaned	E	CR	18/08/2017
45	Wall 008 etc cleaned	W	CR	18/08/2017
46	Wall 008 etc cleaned	W	CR	18/08/2017
47	House interior cleaned	SW	CR	18/08/2017
48	Stromness Road cleaned	SW	CR	18/08/2017
49	008 wall contining	E	CR	18/08/2017
50	Features west of hearth	E	CR	18/08/2017
51	Trench cleaned multi-context view	S	VC	18/08/2017
52	Trench cleaned multi-context view	S	VC	18/08/2017
53	Trench cleaned multi-context view	S	VC	18/08/2017
54	Southern whale cut	S	VC	18/08/2017
55	Southern whale cut	S	VC	18/08/2017
56	Multi-context house interior cleaned	S	VC	18/08/2017
57	Multi-context house interior cleaned	S	VC	18/08/2017
58	Multi-context house interior cleaned	S	VC	18/08/2017
59	Multi-context house interior cleaned	S	VC	18/08/2017
60	Multi-context house interior cleaned	S	VC	18/08/2017

61	Multi-context house interior cleaned	S	VC	18/08/2017
62	Multi-context house interior cleaned	S	VC	18/08/2017
63	Multi-context house interior cleaned	S	VC	18/08/2017
64	Multi-context house interior cleaned	S	VC	18/08/2017
65	New hearth exposed	SW	CR	18/08/2017
66	Features west of hearth	SE	CR	18/08/2017
67	New hearth exposed	SW	CR	18/08/2017
68	New hearth exposed	SW	CR	18/08/2017
69	Whale bones in situ		JD	19/08/2017
70	Whales bones in situ and [045]	W	JD	19/08/2017
71	Hearth 004 cleaned	N	JD	19/08/2017
72	064 in situ	W	JD	19/08/2017
73	Pier 073	S	JD	19/08/2017
74	Wall 009 and dividing slab	N	JD	19/08/2017
75	Whale bones in situ in cut 038		JD	19/08/2017
76	Whale bones in situ in cut 038		JD	19/08/2017
77	Detail of whale bones in situ in cut 038	E	JD	19/08/2017
78	Detail of whale bones in situ in cut 038	Vertical	JD	19/08/2017
79	Detail of whale bones in situ in cut 038	Vertical	JD	19/08/2017
80	Cut 080 with whale bones visible	W	JD	19/08/2017
81	Cut 080 with whale bones visible	W	JD	19/08/2017
82	Cut 080 with whale bones visible	W	JD	19/08/2017
83	Detail whale bones		JD	19/08/2017
84	Whale bones in cut 080	S	JD	19/08/2017
85	Whale bones in cut 080	S	JD	19/08/2017
86	Whale bones in 038	SE	JD	19/08/2017
87	Whale bones in 039	SE	JD	19/08/2017
88	Working shot showing tide/water level	S	JD	21/08/2017
89	Working shot showing tide/water level	SW	JD	21/08/2017
90	Working shot showing tide/water level	SW	JD	21/08/2017
91	Working shot showing tide/water level	SW	JD	21/08/2017
92	Working shot showing tide/water level	S	JD	21/08/2017
93	Working shot showing tide/water level	S	JD	21/08/2017
94	Working shot showing tide/water level	S	JD	21/08/2017
95	Detail of cut in midden (074) with whalebone running underneath	SW	JD	21/08/2017
96	Detail of cut in midden (074) with whalebone running underneath	SW	JD	21/08/2017
97	Detail of cut in midden (074) with whalebone running underneath	SW	JD	21/08/2017
98	Working shot, whale bone cleaning	SSW	JD	21/08/2017
99	View of dune and site working	NW	JD	22/08/2017
100	View of dune and site working	NW	JD	22/08/2017
101	View of dune and site working	NW	JD	22/08/2017
102	View of dune and site working	NE	JD	22/08/2017
103	View of dune and site working	NE	JD	22/08/2017
104	View of dune and site working	NE	JD	22/08/2017

105	View of dune and site working	NE	JD	22/08/2017
106	View of dune and site working	NE	JD	22/08/2017
107	Chris Gee and GPS	N	JD	22/08/2017
108	Chris Gee and GPS	N	JD	22/08/2017
109	Ginny and Justin working on (003)	NE	JD	22/08/2017
110	Ginny and Justin working on (003)	NE	JD	22/08/2017
111	ABG 1-5	SW	JD	22/08/2017
112	ABG 1-5	SW	JD	22/08/2017
113	ABG 1-5	SW	JD	22/08/2017
114	Photo of Sec (003) overlain by wall (042)	ENE	RRL	23/08/2017
115	Photo of Sec (003) overlain by wall (042)	ENE	RRL	23/08/2017
116	Working shot; possible wall core to W of walling	E	CG	23/08/2017
117	Working shot; possible wall core to W of walling	E	CG	23/08/2017
118	Working shot of (042), (040) and (041)	N	RRL	23/08/2017
119	Working shot of (042), (040) and (041)	N	RRL	23/08/2017
120	Shot of (052), (051), circular feature	NNE	JD	24/08/2017
121	Shot of (052), (051), circular feature	NNE	JD	24/08/2017
122	Working shot (040), (041) and (042)	N	RRL	24/08/2017
123	Working shot (040), (041) and (042)	N	RRL	24/08/2017
124	Post-ex of cut (069)	SW	CG	24/08/2017
125	Post-ex of cut (069), W part	NW	CG	24/08/2017
126	Wall (008)/(009), continuing E with (003) removal	SW	JD	24/08/2017
127	Wall (008)/(009), continuing E with (003) removal	SW	JD	24/08/2017
128	Wall (008)/(009), continuing E with (003) removal	SW	JD	24/08/2017
129	Wall (008)/(009), continuing E with (003) removal	SW	JD	24/08/2017
130	Wall (008)/(009), continuing E with (003) removal	SW	JD	24/08/2017
131	Showing impression in sand, banked sand of (008)	N	JD	24/08/2017
132	Showing impression in sand, banked sand of (008)	N	JD	24/08/2017
133	Post-ex shot of (042)	N	RRL	24/08/2017
134	Post-ex shot of (042)	N	RRL	24/08/2017
135	Showing (052) sectioned	NNE	CG	24/08/2017
136	Overhead shot of (052) section	NNE	CG	24/08/2017
137	Wide shot of (052) sectioned	NNE	CG	24/08/2017
138	Pre-ex of (054), plan shot	NE	CG	24/08/2017
139	Pre-ex of (054), context shot	NE	CG	24/08/2017
140	(086) and (081) in relation to wall	NNE	VC	25/08/2017
141	(082) midden occupation inside and overlying wall	NE	VC	25/08/2017
142	(081), (082) and (086)	NW	VC	25/08/2017
143	Working shot; whale cleaning	N	VC	25/08/2017
144	Working shot; whale cleaning	N	VC	25/08/2017
145	Half section of (054)	NE	CG	25/08/2017
146	Half section of (054), wide view	NE	CG	25/08/2017
147	Working shot of whale cleaning	-	VC	25/08/2017
148	Working shot of whale cleaning	-	VC	25/08/2017
149	Working shot of whale cleaning	-	VC	25/08/2017
150	Working shot of whale cleaning	-	VC	25/08/2017

151	Working shot of whale cleaning	-	VC	25/08/2017
152	Working shot of whale cleaning	-	VC	25/08/2017
153	Right articulated flipper in-situ, ABG4	SE	SDH	25/08/2017
154	Right articulated flipper in-situ, ABG4	SE	SDH	25/08/2017
155	Right articulated flipper in-situ, ABG4	SE	SDH	25/08/2017
156	Right articulated flipper in-situ, ABG4	SE	SDH	25/08/2017
157	Right articulated flipper in-situ, ABG4	SE	SDH	25/08/2017
158	Right articulated flipper in-situ, ABG4	SE	SDH	25/08/2017
159	Right articulated flipper in-situ, ABG4	SE	SDH	25/08/2017
160	Right articulated flipper in-situ, ABG4	SE	SDH	25/08/2017
161	Cut (053) post-ex, plan picture	E	CG	25/08/2017
162	Cut (053) post-ex, plan picture	E	CG	25/08/2017
163	Slot where (007) sat in 2016	NW	VC	25/08/2017
164	Slot where (007) sat in 2016	N	VC	25/08/2017
165	Left whale flipper articulated, plan	S	AK	25/08/2017
166	Left whale flipper articulated, context	S	AK	25/08/2017
167	Left whale flipper articulated	S	AK	25/08/2017
168	Left whale flipper articulated	S	AK	25/08/2017
169	Left whale flipper articulated, context	W	AK	25/08/2017
170	Cut (051) post-ex oblique view	NE	CG	25/08/2017
171	Cut (051) post-ex oblique view wide	NE	CG	25/08/2017
172	Cut (051) post-ex oblique view	NE	CG	25/08/2017
173	ABG1 Cordial-thoracic in situ	W	VC	25/08/2017
174	ABG1 thoracic vertebrae	E	VC	25/08/2017
175	ABG1 both of above	S	VC	25/08/2017
176	Cleaned surface around cist/hearth (w)	S	VC	25/08/2017
177	ABG2 Lumbar vertebrae in situ	NW	SDH	28/08/2017
178	ABG2 Lumbar vertebrae in situ	NW	SDH	28/08/2017
179	ABG2 Lumbar vertebrae in situ	NW	SDH	28/08/2017
180	ABG2 Lumbar vertebrae in situ	NW	SDH	28/08/2017
181	ABG2 Lumbar vertebrae in situ	NW	SDH	28/08/2017
182	ABG2 Lumbar vertebrae in situ	NW	SDH	28/08/2017
183	ABG3 Scapula region	SE	SDH	28/08/2017
184	ABG3 Scapula region	-	SDH	28/08/2017
185	ABG3 Scapula region	Plan	SDH	28/08/2017
186	ABG3 Scapula region	Plan	SDH	28/08/2017
187	ABG3 Scapula region	Plan	SDH	28/08/2017
188	ABG5 Vertebrae	W	VC	28/08/2017
189	ABG5 Vertebrae	W	VC	28/08/2017
190	ABG1 tail-head vertebrae	E	AK	28/08/2017
191	ABG1 tail-head vertebrae	E	AK	28/08/2017
192	ABG1 tail-head vertebrae	E	AK	28/08/2017
193	ABG2 scapula-lumbar vertebrae in situ	Plan	SDH	28/08/2017
194	ABG2 scapula-lumbar vertebrae in situ	Plan	SDH	28/08/2017
195	ABG2 scapula-lumbar vertebrae in situ	Plan	SDH	28/08/2017
196	ABG2 scapula-lumbar vertebrae in situ	Plan	SDH	28/08/2017

197	ABG2 scapula-lumbar vertebrae in situ	Plan	SDH	28/08/2017
198	ABG2 scapula-lumbar vertebrae in situ	Plan	SDH	28/08/2017
199	ABG2 scapula-lumbar vertebrae in situ	Plan	SDH	28/08/2017
200	ABG2 scapula-lumbar vertebrae in situ	Plan	SDH	28/08/2017
201	ABG2 scapula-lumbar vertebrae in situ	Plan	SDH	28/08/2017
202	(094) midden deposit pre-ex	ENE	CG	28/08/2017
203	(094) midden deposit pre-ex context	ENE	CG	28/08/2017
204	ABG3 ribs	Plan	ML	28/08/2017
205	ABG3 ribs	N	ML	28/08/2017
206	ABG3 ribs	E	ML	28/08/2017
207	ABG3 scapula and humerus	Plan	ML	28/08/2017
208	ABG3 scapula and humerus	S	ML	28/08/2017
209	ABG3 scapula and humerus	E	ML	28/08/2017
210	Contexts under pier after cleaning including 099 and 100	S	VC	28/08/2017
211	Detail of missing inner wall stone 009	S	VC	28/08/2017
212	Pier after removal showing 099	W	VC	28/08/2017
213	Western extent of house	E	VC	28/08/2017
214	Western extent of house	E	VC	28/08/2017
215	Hearth 032 western end	E	VC	28/08/2017
216	Possible southern extent of house western end	N	VC	28/08/2017
217	ABG3 lumbar vertebrae	W	JH	29/08/2017
218	ABG3 lumbar vertebrae	E	JH	29/08/2017
219	ABG3 lumbar vertebrae	Plan	JH	29/08/2017
220	ABG4 lumbar vertebrae	SE	IC	29/08/2017
221	ABG4 lumbar vertebrae	SW	IC	29/08/2017
222	ABG4 lumbar vertebrae	N	IC	29/08/2017
223	Whale	N	JD	29/08/2017
224	Whale	N	JD	29/08/2017
225	Sanday school kids	-	JD	29/08/2017
226	Sanday school kids	-	JD	29/08/2017
227	Sanday school kids	-	JD	29/08/2017
228	(084) step at SE end of house	SE	CG	29/08/2017
229	(084) step at SE end of house	SE	CG	29/08/2017
230	(084) step at SE end of house	SW	CG	29/08/2017
231	(107) stone setting pre-ex	NE	CG	29/08/2017
232	(107) stone setting pre-ex	NE	CG	29/08/2017
233	(107) stone setting pre-ex, wide shot	NE	CG	29/08/2017
234	(107) stone setting pre-ex, wide shot	NE	CG	29/08/2017
235	Cut (007) and (096) mid-ex	SE	CG	29/08/2017
236	Cut (007) and (096) mid-ex	SW	CG	29/08/2017
237	Cut (007) and (096) mid-ex	NW	CG	29/08/2017
238	Hearth 009 and 100	W	VC	29/08/2017
239	ABG4 lumbar vertebrae and ribs	NW	IC	30/08/2017
240	ABG4 lumbar vertebrae and ribs	SW	IC	30/08/2017
241	ABG4 lumbar vertebrae and ribs	SE	IC	30/08/2017
242	Hearth (032) N half of top layer, sectioned	SW	JD	30/08/2017

243	Hearth (032) N half of top layer, sectioned	E	JD	30/08/2017
244	ABG3/2 potential infused neural arch	Plan	SDH	30/08/2017
245	ABG3/2 potential infused neural arch	Plan	SDH	30/08/2017
246	ABG3/2 potential infused neural arch	Plan	SDH	30/08/2017
247	ABG3/2 potential infused neural arch	Plan	SDH	30/08/2017
248	ABG4 ribs and scapula	S	IC	30/08/2017
249	ABG4 ribs and scapula	SW	IC	30/08/2017
250	ABG4 ribs and scapula	N	IC	30/08/2017
251	Cut (007) and fill (096) excavated, with surrounding contexts (097) floor layer and golden sand (024)	SSE	SAS	30/08/2017
252	Cut (007) and fill (096) excavated, with surrounding contexts (097) floor layer and golden sand (024)	SSE	SAS	30/08/2017
253	Bone associated with ABG5	S	IC	30/08/2017
254	ABG3/2 lumbar/thoracic region/vertebrae	Plan	SDH	30/08/2017
255	ABG3/2 lumbar/thoracic region/vertebrae	Plan	SDH	30/08/2017
256	ABG3/2 lumbar/thoracic region/vertebrae	Plan	SDH	30/08/2017
257	House cleaned again	S	VC	31/08/2017
258	House cleaned again	S	VC	31/08/2017
259	House cleaned again	S	VC	31/08/2017
260	House cleaned again	S	VC	31/08/2017
261	House cleaned again	S	VC	31/08/2017
262	House cleaned again	S	VC	31/08/2017
263	Pre-ex (049) and (050)	NNE	JD	31/08/2017
264	Pre-ex (049) and (050)	NNE	JD	31/08/2017
265	Pre-ex (056) and (055)	NE	JD	31/08/2017
266	Pre-ex (056) and (055)	NE	JD	31/08/2017
267	Record shot of floor surface (084)	W	JD	31/08/2017
268	Record shot of floor surface (084)	W	JD	31/08/2017
269	Pre-ex (100) hearth	S	VC	01/09/2017
270	Completed half-section of hearth (068)	NW	SAS	01/09/2017
271	Completed half-section of hearth (068)	NW	SAS	01/09/2017
272	Working shot of house interior sampling	N	SAS	01/09/2017
273	Working shot of excavation (100)	NNE	SAS	01/09/2017
274	Working shot of excavation (100)	NNE	SAS	01/09/2017
275	ABG7 pectoral, girdle, ribs, C/T vertebrae in situ	Plan	SDH	01/09/2017
276	ABG7 pectoral, girdle, ribs, C/T vertebrae in situ	Plan	SDH	01/09/2017
277	ABG7 pectoral, girdle, ribs, C/T vertebrae in situ	Plan	SDH	01/09/2017
278	ABG7 pectoral, girdle, ribs, C/T vertebrae in situ	Plan	SDH	01/09/2017
279	Hearth (100) fill, half sectioned	ESE	VC	01/09/2017
280	Hearth (100) fill, half sectioned	NNW	VC	01/09/2017
281	Working shot, rear of house layers	N	JD	01/09/2017
282	Working shot, rear of house layers	N	JD	01/09/2017
283	Working shot, rear of house layers	W	JD	01/09/2017
284	Working shot, rear of house layers	NW	JD	01/09/2017
285	Working shot, rear of house layers	NW	JD	01/09/2017
286	Cut (049) and contexts/fills (050), (112), half sectioned	NE	CG	01/09/2017
287	Cut (049) and contexts/fills (050), (112), half sectioned	NE	CG	01/09/2017

288	Cut (049) and contexts/fills (050), (112), half sectioned	NE	CG	01/09/2017
289	Pre-ex (073) and extension	NE	SAS	01/09/2017
290	Pre-ex (073) and extension	SE	SAS	01/09/2017
291	Hearth fill (100) with (100) removed	E	VC	01/09/2017
292	Hearth fill (100) with (100) removed	S	VC	01/09/2017
293	Hearth fill (100) with (100) removed	N	VC	01/09/2017
294	ABG5 Scapula	Plan	SDH	03/09/2017
295	ABG5 Scapula	Plan	SDH	03/09/2017
296	ABG5 Scapula	Plan	SDH	03/09/2017
297	ABG5 Scapula	Plan	SDH	03/09/2017
298	ABG6 lifting N end vertebrae	Plan	SDH	03/09/2017
299	ABG6 lifting N end vertebrae	Plan	SDH	03/09/2017
300	ABG6 lifting N end vertebrae	Plan	SDH	03/09/2017
301	ABG6 lifting N end vertebrae	Plan	SDH	03/09/2017
302	ABG6 lifting N end vertebrae	Plan	SDH	03/09/2017
303	ABG5 flipper	Plan	SDH	03/09/2017
304	ABG5 flipper	Plan	SDH	03/09/2017
305	ABG5 flipper	Plan	SDH	03/09/2017
306	ABG5 flipper	Plan	SDH	03/09/2017
307	ABG6 lifting vertebrae 7 on	Plan	VC	03/09/2017
308	ABG5 flipper - H,O,R, Carpals, Meta	Plan	SDH	03/09/2017
309	ABG5 flipper - H,O,R, Carpals, Meta	Plan	SDH	03/09/2017
310	ABG5 flipper - H,O,R, Carpals, Meta	Plan	SDH	03/09/2017
311	ABG5 flipper - H,O,R, Carpals, Meta	Plan	SDH	03/09/2017
312	ABG5 flipper overlaying ABG3	Plan	SDH	03/09/2017
313	ABG5 flipper overlaying ABG3	Plan	SDH	03/09/2017
314	ABG5 flipper overlaying ABG3	Plan	SDH	03/09/2017
315	ABG5 flipper overlaying ABG3	Plan	SDH	03/09/2017
316	ABG7 ribs (upper)	Plan	VC	03/09/2017
317	Wind damage to upper part of house	NW	JD	03/09/2017
318	Wind damage to upper part of house	NW	JD	03/09/2017
319	Wind damage to upper part of house	NW	JD	03/09/2017
320	Wind damage to upper part of house	NW	JD	03/09/2017
321	Wind damage to upper part of house	W	JD	03/09/2017
322	Record shot 114 post-storm	S	TM	05/09/2017
323	Record shot 114 post-storm	W	TM	05/09/2017
324	ABG4 flipper in situ	Plan	SH	05/09/2017
325	ABG4 flipper in situ	Plan	SH	05/09/2017
326	ABG4 flipper in situ	Plan	SH	05/09/2017
327	ABG4 flipper in situ	Plan	SH	05/09/2017
328	ABG3 vertebrae and unfused neutral arch	S	SH	05/09/2017
329	ABG3 vertebrae and unfused neutral arch	S	SH	05/09/2017
330	ABG3 vertebrae and unfused neutral arch	W	SH	05/09/2017
331	ABG7 thoracic vertebrae in situ	NW	SH	05/09/2017
332	ABG7 thoracic vertebrae in situ	NW	SH	05/09/2017
333	ABG2 flipper in situ	Plan	SH	05/09/2017

334	ABG2 flipper in situ	Plan	SH	05/09/2017
335	ABG2 flipper in situ	Plan	SH	05/09/2017
336	ABG2 flipper in situ	Plan	SH	05/09/2017
337	ABG3 lumbar vertebrae and neural arch	Plan	SH	05/09/2017
338	ABG3 lumbar vertebrae and neural arch	Plan	SH	05/09/2017
339	ABG3 lumbar vertebrae and neural arch	Plan	SH	05/09/2017
340	ABG3 lumbar vertebrae and neural arch	Plan	SH	05/09/2017
341	ABG7 thoracic vertebrae in situ	Plan	SH	05/09/2017
342	ABG7 thoracic vertebrae in situ	Plan	SH	05/09/2017
343	Section through pit 113	E	TM	05/09/2017
344	ABG3 lumbar vertebrae in situ	Plan	SH	05/09/2017
345	ABG3 lumbar vertebrae in situ	Plan	SH	05/09/2017
346	ABG3 lumbar vertebrae in situ	Plan	SH	05/09/2017
347	ABG3 lumbar vertebrae in situ	Plan	SH	05/09/2017
348	ABG7 thoracic vertebrae in situ	Plan	SH	05/09/2017
349	ABG7 thoracic vertebrae in situ	Plan	SH	05/09/2017
350	ABG4 sternum/scapula in situ	Plan	SH	05/09/2017
351	ABG4 sternum/scapula in situ	Plan	SH	05/09/2017
352	Pit 128 post-ex	S	VC	06/09/2017
353	Pit 128 post-ex	Plan	VC	06/09/2017
354	Trench at end of excavation	SW	VC	06/09/2017
355	Trench at end of excavation	S	VC	06/09/2017
356	Trench at end of excavation	SE	VC	06/09/2017
357	Trench at end of excavation	S	VC	06/09/2017
358	Whale pit 038 post-ex	SE	VC	06/09/2017
359	Whale pit 038 post-ex	SE	VC	06/09/2017
360	Site backfilled	S	JD	06/09/2017
361	Site backfilled	SW	JD	06/09/2017
362	Site backfilled	SE	JD	06/09/2017
363	Site backfilled	SW	JD	06/09/2017
364	Site backfilled	SW	JD	06/09/2017