

**Foreign Whaling in Iceland  
Archaeological Excavations at Strákatangi in Hveravík,  
Kaldrananeshreppi 2007  
Data Structure Report**

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## 1. Introduction

This is a report of the excavations at Strákatangi in Strandasýsla in 2007. Continuous excavations since 2005 have revealed extensive remains from foreign whalers in the area.

The remains of four structures are visible at the Strákatangi site, three of them are clustered together and the fourth at some distance from the main cluster. The structures that have been excavated from 2005 are tryworks and a large building consisting of three rooms.

This report is not the final discussion about the research as the excavation is ongoing. The main aim of the report is to present the data in such a way that it be accessible to both scholars and laymen and give a detailed description of all elements of the project. The analysis of the data is still in progress and it is understood that the reader will not publish any of the material contained herein without the permission of Náttúrustofa Vestfjarða, Strandagaldur ses., and the authors.

## 2. Aims and Methods

The aim of the 2007 season was as before to excavate the physical remains left behind by foreign whalers at Strákatangi. The focus of the excavation was a large structure, consisting of three rooms, that was situated between the tryworks on the south side and an unknown structure on the north side.

The methodology of the excavations at Strákatangi is the so called *open area* excavation and *single context* recording. This method has been used now for over 10 years on various sites in the North Atlantic and has proved an excellent method of excavating both structures and midden sites (Edvardsson, Ragnar, 2004).

With this method a large area is opened, preferably an area of a 10 x 10 meters and each archaeological unit (context), i.e. deposits, cuts, structures, etc., are excavated in a reversed order, starting with the youngest. All units are cleaned, photographed, planned, and finally removed. The whole area is excavated at the same time, which gives the archaeologists a view of all phases of the site until the whole area is excavated to the undisturbed phase before occupation. Ideally all archaeological units are removed, i.e. structures, midden deposits, and other units and at the end of excavation nothing remains except the soil prior to occupation of the site. This gives a complete understanding of the history of the site and any changes it has gone through.

In the case of the excavation at Strákatangi, no large structural elements were removed, i.e. walls, as the plan is to make the site accessible to tourists after the completion of the excavation.

It is important in order to gain full understanding of any archaeological site that everything prior to the excavation at hand is treated as part of the archaeology and therefore the earlier archaeological trenches at Strákatangi were recorded in the same manner as any other archaeological deposit.

All deposits were sieved with a 4mm mesh to collect bones, wood and artifacts. Control samples were taken from all deposits and those deposits that were thought to be

rich in organic material were sampled in more detail. Each sample was collected in a 5 liter bag. A total sample of all floors was also collected during the 2007 season.

### **3. The Excavation of Structure b at Strákatangi**

The excavation at Strákatangi was from the 1<sup>st</sup> of June to the 6<sup>th</sup> of July 2007. The excavation team consisted of Ragnar Edvardsson, Caroline Paulsen, Magnús Rafnsson, Hrönn Magnúsardóttir, Óskar Leifur Arnarson and Konráð Hentze Úlfarsson

The excavated area was approximately 116 square meters and the whole structure b was included within the trench. The grid system from the 2006 excavations was extended to the north, including the whole of structure B. A temporary bench mark was created on the shoreline which later was measured in accurate meters above sea level.

#### ***3.1 Description of Archaeological units***

**Unit 1.** A surface deposit recorded everywhere on site. Consisting of turf and roots.

**Unit 2.** A black organic deposit recorded inside the building. Similar to unit 3 but this deposit was rich in small slag pieces (smiting slag).

**Unit 3.** A black organic deposit recorded outside the building. Mixed in with this deposit were organic elements (blubber) and small burned bones. It probably represents waste material connected with the tryworks south of the building (Similar deposits were recorded during the 2006 season).

**Unit 4.** A cut feature, 2 x 4 meters. The archaeological test trench excavated in 2005.

**Unit 5.** A cut feature. A group of four main- and few smaller cuts. These are modern disturbance. The largest one is in the north part, cut directly through the north wall and was probably dug as a rubbish pit. Two are situated on the north wall of the smithy and were probably dug for fence posts. The last is on the eastern part, possibly also a fence post.

**Unit 6.** Mixed deposit in room a. This deposit is a mix of windblown soil and turf material. It formed after the abandonment of the structure and consists partially of collapse material from the walls.

**Unit 7.** A cut feature. In the south-eastern corner of room a, two intersecting circular cuts were recorded. These cuts represent modern disturbance and were possibly dug for rubbish.

**Unit 8.** Aeolian deposit outside room b. This windblown material accumulated outside the structure post abandonment. Same phase as unit 6.

**Unit 9.** Mixed deposit in room b. Same as unit 6 and consist of windblown soil and collapsed turf material. Upper infill.

**Unit 10.** Sandy deposit in room b. Isolated sandy patch just outside the oven in room b. Possibly an isolated sandy patch within the windblown soil. Fill in a robber trench possibly excavated to extract bricks from the oven.

**Unit 11.** Sandy deposit in room b. This deposit was recorded just outside the oven in room b. Similar feature as no. 10.

**Unit 12.** Mixed sandy, brick deposit. This deposit is part of the collapse of the oven in room b. It is heavily mixed with sandy deposit and small brick fragments. In some areas cleaner grey deposit is visible which is the joint filler still in situ.

**Unit 13.** Mixed deposit in room b. Lower fill mixed windblown material and turf fragment from collapsed walls.

**Unit 14.** Cut feature in room b. A robber trench.

**Unit 15.** Cut feature in room b. A robber trench.

**Unit 16.** Mixed turf deposit in room b. Collapsed material from south wall.

**Unit 17.** Black to grey deposit in room a. Upper floor in room a. The floor was divided into two main parts, upper and lower as there was a clear distinction between these two floor layers. It was recorded that the floor was in lenses with sandy deposits between the floor lenses. The lenses were so thin that it was impossible to excavate them separately.

**Unit 18.** Thick black organic deposit in room a. This deposit was isolated and is probably not part of the floor but some organic material. Dump.

**Unit 19.** Black to grey deposit in room a. Lower floor in room a.

**Unit 20.** Mixed material in room c. A deposit of turf, soil, and sand, probably collapse from the area around the furnace in the north east corner.

**Unit 21.** Circular deposit in room a. The hearth in room a. The hearth is circular with a radius of 1 m. The hearth deposit consists of various ashes, charcoal, and wood. The deposit within the hearth has a reddish hue due to the number of burned bricks lying in it.

**Unit 22.** Bricks room c. A pile of burned bricks that are probably collapse from the furnace in this room.

**Unit 23.** Mixed material in the entrance to room a. Mixed turf and windblown material, probably the same as unit 6.

**Unit 24.** Gavel infill of a rectangular pit. This pit seems to be isolated and not in connection with any of the nearby structural features. Unknown function.

**Unit 25.** Group of deposits within room c. These deposits are various but probably are dumps of material within the smithy.

**Unit 26.** Brick furnace in room c. Furnace for working iron. The furnace is made of bricks and was situated in the north east corner of the room. Little remained of it except the lowest part. All bricks show intense burning.

**Unit 27.** Brick structure in room c. Undefined structure. This structure could also be collapsed material from the furnace.

**Unit 28.** Fill for a pit in the center of room c. This feature is probably the remains of a small furnace to work iron. Slag were recorded in the bottom of this pit.

**Unit 29.** Fill for a pit in room c (west of unit 29). This feature is probably the remains of a small furnace to work iron. Slag was recorded in the bottom of this pit.

**Unit 30.** Fill in a posthole in the north-west part of the smithy. Small posthole and not dug very deep, unlikely that they carried anything heavier than a tent.

**Unit 31.** Fill in a posthole in the west part of the smithy. Small posthole and not dug very deep, unlikely that they carried anything heavier than a tent.

**Unit 32.** Fill in a posthole in the south west part of the smithy. Small posthole and not dug very deep, unlikely that they carried anything heavier than a tent.

**Unit 33.** Floor deposit in room c. This deposit was black, mixed with charcoal, sand, and slag fragments.

**Unit 34.** Cut feature. Cut for circular hearth [21] in room a.

**Unit 35.** Cut feature. Cut for an iron working furnace [29] in room c.

**Unit 36.** Cut for a small pit in room c [28].

**Unit 37.** Deposit in room c. Block of turf built up underneath the brick furnace in room c. Platform for furnace.

**Unit 38.** Cut feature. Cut for the unidentified brick structure in room c [27].

**Unit 39.** Walls south of room a. Windbreaker walls.

**Unit 40.** Cut feature (group). All postholes in room a.

**Unit 41.** Cut feature (group). All postholes in room c.

**Unit 42.** Structural feature. Walls in room c.

**Unit 43.** Structural feature. Walls in rooms a and b, not including the divisional wall. All walls are built up material, mix of turf and soil. Not regular turf-walls.

**Unit 44.** Structural feature. Divisional wall between rooms a and b. Regular turf wall, with a stone foundation and strengur turf.

**Unit 45.** Collapsed bricks. Collapse from the furnace in room b.

**Unit 46.** Unidentified feature. Pile of bricks in south end of room b.

**Unit 47.** Subsoil. Natural.

**Unit 48.** Room b. All units relating to room b grouped together.

**Unit 49.** Room c. All units relating to room c grouped together.

**Unit 50.** Room a. All units relating to room a grouped together.

### ***3.2 Room a. Habitation (group 50).***

Structure A consists of three rooms and the largest lies to the southeast. This room is approximately 5 x 5 meters with an entrance on the south side. During the excavation this room was labeled room a to distinguish it from the other rooms.

The walls [43] of this room became immediately visible after the removal of topsoil [1]. The inside of the room was filled with a deposit that consisted of mixed material, turf collapse and Aeolian deposit [6]. Similar deposit was recorded on the outside of the room but these deposits were not connected over the walls [8].

A number of modern disturbances were recorded in a few places. An archaeological test trench [4] had been excavated in 2005 on the inside of the room, in the south east part (Ragnar Edvardsson, 2005). This trench was 2 x 4 meters and had been excavated down to the subsoil. In the south east corner of the room two inter cutting pits [7] had been excavated. These pits had been excavated through all cultural deposits and into the subsoil. The pits had also been recorded during the excavation in 2005 and are probably rubbish pits dug by the Hveravík farmer as a fair amount of modern rubbish was recorded in them.

After the removal of the mixed deposit on the inside of the room a black/grey, sandy deposit became visible [17], [19]. This deposit extended over the whole inside of the building and it reached up to the walls on all sides. This deposit was the floor in room a, and was recorded and excavated in two main layers, upper and lower. However, it was clear, as was recorded in 2005, that the floor was in lenses but these lenses were so microscopic that they could not be excavated individually. Between the floor lenses were sandy lenses. A single black/grey deposit [18] was recorded that probably is not part of the floor but is a dump of mixed material.

Alongside all walls on the inside circular negative features were recorded that cut through the floor into the undisturbed subsoil. These features were postholes [40] that were 10 – 20 cm in diameter.

In the center of the room a circular feature was recorded about 1 meter in diameter. This feature consisted of a mixed deposit, bricks, charcoal and wood ashes and was the remains of a hearth [21], [34].

At this point all cultural layers had been removed from room a, exposing an undisturbed sand deposit inside the building. All walls of this building were not removed but left standing in situ.

### ***3.3 Room b. Kitchen (Group 48)***

North of room a was a smaller room, 4 x 3 meters. The outside walls [43] of this room were built in a similar fashion as in room a, but a wall divided rooms a and b that had been built in a different fashion. This wall had a foundation of stone but the actual wall was built with 'strengur' turf [44].

After the removal of topsoil a similar deposit [9] was recorded inside room b as had been recorded in room a, mixed deposit of turf and aeolian soil [6]. This infill was recorded in two parts, upper and lower, as there was a visible difference between them. The lower [13] infill was more mixed with sand and turf than the upper. Part of the south wall had also collapsed as a single block and was recorded as separate deposit [16].

Post abandonment disturbances were recorded in this room especially in the west part of the room, where a number of small holes had been dug [10], [11], [14], [15]. These deposits were not visible from the surface but they had been dug through the mixed deposit [6] that filled the inside of room b. It is probable that these holes had been excavated for the extraction of bricks from the oven. One large modern disturbance was also recorded, a large oval pit dug into the wall on the north side [5]. The large pit was probably a rubbish pit excavated by the Hveravík farmer.

After the removal of the infill a large oven made of bricks was recorded in the north-west quadrant of room b. This structure was rectangular in shape and the south-east part of it extended further to the south. All the bricks in the furnace showed clear indication of heat and burning. Mixed in between the bricks of the oven and outside it was a sandy, clayish deposit [12] that is the remains of the joint filler that had been used between the bricks in the oven.

At this point in the excavation it was late in the season. It was decided to stop the excavation in room b before the floor deposits were exposed and continue in the 2008 season.

### ***3.4. Room c. The Smithy (Group 49)***

Room c was east of room a and was approximately 3 x 3 meters in diameter. The room was connected to room a, but no access was from room c to a. An entrance into room c was on the south side. The walls [42] of this room were different as they were much thinner than any of the other walls, only about 60 cm.

It became clear after the removal of topsoil that room c had sustained some damage from post abandonment disturbance. In four places small cuts were recorded, one on the southwest wall, two in the northwest wall and one in the northeast wall [5]. All were probably made for fence posts and could very well be 20<sup>th</sup> century activity.

In the north part on the inside of the room a large pile of mixed material was recorded. This pile was mostly composed of slag with a mix of turf between the slag lumps [2]. This deposit is probably waste from the main furnace in the main smithy.

Several deposits [25] were recorded inside room c that probably were dumps of materials inside the smithy. These deposits were a mix of slag, bricks, ash, and soil.

In the northeast part of the room a rectangular furnace was recorded [26]. This furnace had been made of bricks but it was in an advanced state of collapse and all the bricks within this structure showed markings of intense heat. All around the furnace was a mixed deposit of sand, bricks, and grey clay that was collapsed material from the furnace [20], [22]. After the large brick furnace had been removed a rectangular platform [37] was recorded. This platform was made of turf and earth, and the brick furnace had been built on top of it. Just south of the large brick furnace a small structure was recorded [27], [38] that consisted of burned brick fragments. It looked like this structure had been dug into the structure, but not much remained of it so it is impossible to determine its function.

Several pits had been dug into the floor inside room c and all are probably connected with iron working. These pits are the remains of smaller furnaces as slag was recorded in the bottom of all of them [28], [29], [35], [36]. One pit was rectangular in shape but it was impossible to identify the function of this particular pit as nothing but gravel was recorded within it [24].

Few postholes [30], [31], [32], [41] were recorded in room c but they were all in the north part of the room and none were recorded by neither by the west nor the south walls. However, pits had been dug into both the south- and northwest corners after the abandonment of the room, making it impossible to see if any postholes had been in those

areas. All postholes were small, with a diameter of 5 – 10cm and only dug about 10cm into the subsoil.

The floor [33] in room c was similar to the floor in room b, black/grey, but it included a high amount of slag and charcoal fragments. The floor was recorded everywhere within the room except for the area where the large furnace stood.

### ***3.5 The entrance to room a and deposits outside the structure***

An entrance into room a was recorded on the south side of the building. Similar mixed deposit [23] filled the entrance as had been recorded everywhere. On the east and south side of the entrance, small walls had been constructed that formed a shelter for the actual entrance, a sort of a windbreaker [39]. In the entrance and in the area between the south wall and the windbreaker walls, was a black/grey deposit that was recorded as the same as the floor inside room a. Once outside the walls this deposit changed in color and composition and became more black and organic [3]. This deposit was recorded everywhere outside the buildings, immediately underneath the mixed windblown material. Even though no real distinction was clear between the floor inside a and this outside deposit, except the color and composition changes, they were recorded separately as each represents activity inside and outside the building. They, however, both belong to the same occupational phase.

### ***3.6 Finds***

The number of finds during the 2007 season were 302 recorded numbers, bringing the total number of finds from all seasons to 452 finds numbers. Of the 302 finds 127 (42%) were made of iron, 156 (52%) ceramics, 2 (0.5%) of copper alloys, 3 (1%) of flint, glass 5 (1.7%), lead 1 (0.3%), organic 1 (0.3%), stone 2 (0.5%) and unknown 5 (1.7%). The largest number of finds in this assemblage are those made of iron and ceramics.

When the finds are divided by units then 3 finds are unstratified (0.9%), 11 are from unit 1 (4.0%), 23 from unit 2 (8%), 12 from unit 3 (4%), 2 from unit 4 (0.7%), 35 from unit 6 (12%), 12 from unit 8 (4%), 1 from unit 12 (4.0%), 3 from unit 13 (0.9%), 1 from unit 17 (0.2%), 1 from unit 18 (0.2%), 163 from unit 19 (54%), 2 from unit 20 (0.7%), 18 from 21 (6%), 4 from 22 (1%), 1 from 23 (4%) and 10 from 33 (3%). More than half of all finds recorded came from unit 19, the floor in room a.

#### **Tobacco pipes**

The largest part of the finds consist of tobacco pipes made of ceramics (clay pipes). This is consistent with the test excavation in 2005, where the largest part of the finds assemblage for the 2005 season were tobacco pipes.

Of the total ceramic assemblage 126 finds were clay pipe fragments, 86 of them were stems and 40 were bowl fragments. Of the 40 bowl fragments, 8 were whole bowls with parts of the stem still attached. All whole pipes, with the exception of 2 were not decorated and all are of the earliest types of tobacco pipes, from the early 17<sup>th</sup> century. The two decorated bowls were in the form of a human head and the face was turned towards the smoker. These pipes are of a type known as Sr. Walter Raleigh and the crocodile and were popular among mariners in the period between 1630 and 1650 (Deco).

One pipe bowl was flawed as a result of a mistake during manufacture. Another undecorated bowl had the heel mark DA which dates to the early to middle 17<sup>th</sup> century.

Most of the stem fragments were small and undecorated but a number of them had decorations. All decorations were floral designs as had been noted in the years before, with an exception of few with a “fleur de lies” design. Some of the stems had the heel still attached but almost none had a manufactures stamp. This suggests that the Strákatangi pipe assemblage dates from the early to mid 17<sup>th</sup> century. The oldest clay pipes from unit 19, i.e. floor, came from the lower levels of the floor, while the younger came from the upper level.

### **Metal**

The second largest finds assemblage were finds of iron and again this is in consistence with the finds from the 2005 test trench. Of the 127 iron finds, 72 (57%) were unidentifiable type, 46 (36%) were nails, 3 (2.4%) rivets with the rove still attached, 1 (0.8) horseshoe and 1 (0.8) machine part. The horseshoe and machine part are probably from the 20<sup>th</sup> century. One decorated button made of lead was recorded. This button was small, 1 x 1 cm and had a flower decorated on it. In a few places remains of copper alloy was noted but in all cases these finds were completely corroded, leaving only a green stain in the soil, making it impossible to retrieve them.

### **Pottery**

During the excavation 30 (10%) pottery fragments were recorded. Of the total number of pottery fragments, 17 (57%) were red ware, 8 (27%) stoneware and 5 (16%) white ware. The white ware are all of a 20<sup>th</sup> century type and were all found in the topsoil or in the windblown layers above the cultural layers belonging to the structures. The red ware were of the similar type, most of them were glazed and few had a green glazing. The stone ware were are all of a Westerwald type, dating to the 17<sup>th</sup> century, and some fragments were decorated (Reference).

### **Other finds**

A large amount of slag was recorded and most of it in room c. Slag was only recorded as finds if it was a single piece and 7 pieces were recorded. In most cases slag was recorded as samples as it was in large quantities and when analyzed could give more detailed information about activity on site. Bricks were generally not recorded as finds as they belong to certain structures. However, a few bricks were taken as samples with the hope that analysis of them will be able to locate where they were manufactured. The excavation also revealed 3 pieces of flint which probably are gunflints used in pistols and muskets at the time.

## **4. Discussion**

The 2007 season was the third consecutive excavation at the Strákatangi site. So far two of the total six structures have been excavated and identified. In 2006 a trywork was excavated and the 2007 excavation focused on a large structure in the center of the main station complex.

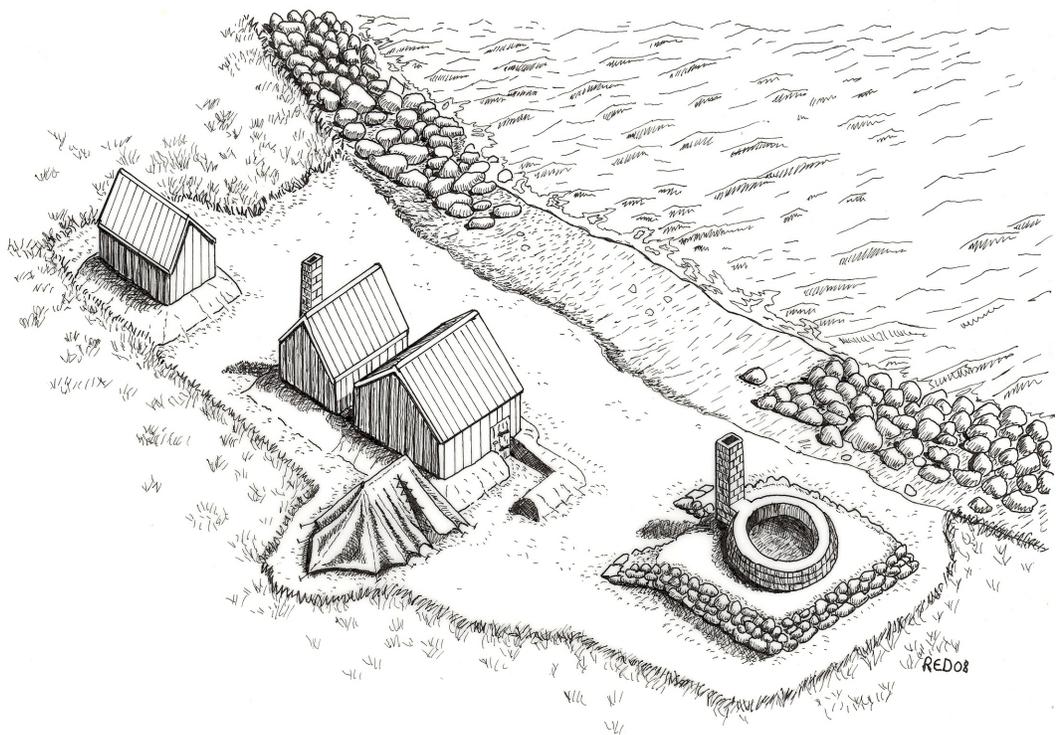


Fig 1. Reconstruction of the Strákatangi whaling station in the 17<sup>th</sup> century.

During 2007 a more detailed survey was carried out at Strákatangi with the aim of locating any other activity by foreign whalers. The reason behind it was that excavations at other whaling stations in the North Atlantic has shown that whaling activity was rarely focused in a small area and was usually more spread out. At the end of this survey two more structures were added to the list of structures connected with 17<sup>th</sup> century whaling. About 300 meters south of the main complex another trywork was identified and west of the station another rectangular structure was surveyed. Both structures show similarities to the structures at the main complex (map 1).

The structure excavated in 2007 consisted of three rooms, a large one, smaller one to the north and the smallest west of the large room. It was clear after removal of topsoil that the whole structure had been damaged by post abandonment activity. Few holes had been excavated into the structure and it is likely that this occurred in the 20<sup>th</sup> century. Few 20<sup>th</sup> century finds, whiteware pottery and machine parts support this and it is likely that the farmer at Hveravík dug these holes as rubbish pits and for fence post.

No other post abandonment activity was recorded on site except for a few holes around the oven in room b. These holes are probably a result of farmers from the neighboring farms mining for bricks after the abandonment of the station.

All the rooms were filled with windblown material that had accumulated inside and similar deposit was also recorded outside the building. On the inside of all rooms collapse from walls was visible in the lower level and the thickness of this windblown deposit, 10 – 50 cm, suggest that the building had been abandoned for some time.

The main walls of all rooms were constructed in a similar manner, i.e. soil shoveled up to about a meter and no regular turf construction was recorded as is typical on Icelandic buildings from the period. However, one wall was clearly constructed in a different manner than the rest. The wall dividing rooms a and b had a stone foundation and regular strengur turf had been constructed on the foundation. In a way it can be said that this particular wall is of an “Icelandic type” and suggests that Icelanders were present at the station during its occupation. This may even indicate that Icelanders helped or worked for the foreign whalers.

The postholes in room a were large and regularly spaced and this suggests that room a had a substantial timber frame which indicates that the room was a timber construction. However, it is likely that a tent covered this room in the beginning and a timber structure was erected at a later stage. Very few postholes were recorded in room c and those that were recorded were small and were not dug deep into the subsoil. Furthermore, the walls of this room were also very thin. Based on this evidence it is likely that room c never had a timber frame but probably only a tent covered this room.

The floor deposit in room a was right under the collapsed/windblown material. The floor extended over the whole room. It had been noted during the 2005 excavation that the floor deposit was in minuscule lenses, and thin sand deposits were between the floor lenses. This was noted during the 2007 season but the lenses were too thin to be excavated individually. However, the floor could be divided into two main parts, lower and upper floor deposits. The total thickness of the floor was from 2 cm, along the walls, to 6 cm in the center of the room.

More than 50% of all artifacts found in the 2007 season came from the floor deposit in room a. All finds were given an x and y coordinates and during the post excavation a distribution analysis was done on artifacts found in unit 19 (fig.). The analysis of the finds showed that used tobacco pipes and finds of iron cluster mainly in two areas, by the fireplace and by the entrance to room a. Other finds did not show clear distribution as they were probably too few in number. It is, however, interesting that un-used tobacco pipes do not have the same distribution as the used ones and they are more randomly distributed in room a.

In the center of room a was a circular fireplace, 1 x 1 in diameter. This fireplace was a simple design, no stones used around the fireplace, only two bricks on the edges opposite each other. This fireplace was probably not used for cooking but to heat up the main room.

It was clear, after the removal of collapse and windblown deposits, that the small room (c) to the west of room a, was the remains of a smithy. By the north wall a large pile of small slag were recorded and east of it, in the northeastern corner of the room, a small furnace made of bricks was recorded. In the south part of the room two small pits were recorded and in the bottom of both pits were slag cakes. A small pit was recorded by the brick furnace that did not have any slag remains and it might be the remains of some structure that held the anvil. The floor in room c was similar in composition as the floor in room a, black to grey. However, the floor in c included a higher amount of charcoal, slag and burned material than the floor in room c.

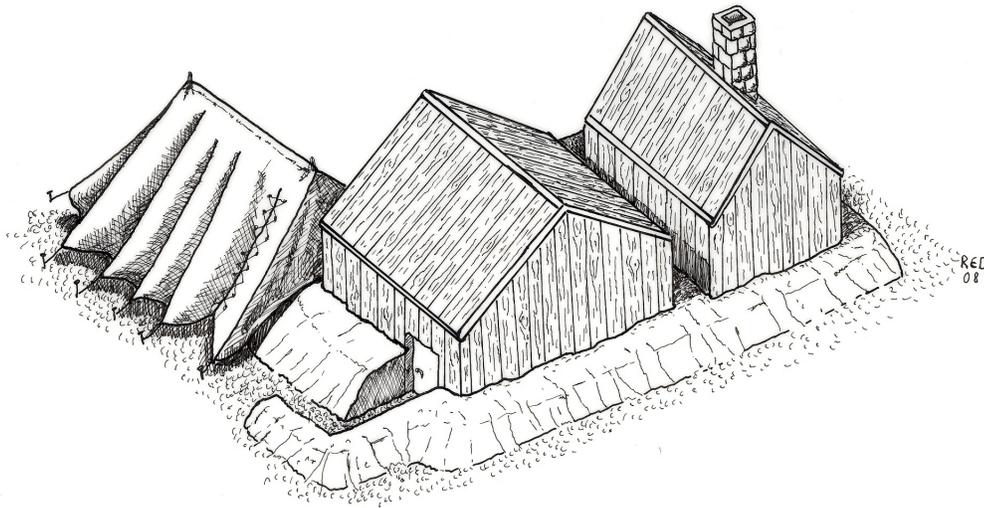


Fig 2. Reconstruction of building b at Strákatangi.

The room north of room c, room b, was not fully excavated in the 2007 season but it is likely that only little remains to excavate. However, the archaeological material collected in 2007 suggests that room b was separated from room a by a wall and may have had an entrance on the north side. A large rectangular brick oven was recorded in the north western side of the room. This oven is probably the remains of a large hearth and similar hearths have been recorded at other whaling stations in the North Atlantic (*Walvisvaart*, p.49-65.). The function of this room is still undetermined but it may have been a kitchen.

No samples have as of yet been sent for c14 dating because of the lack of datable material. However, during the 2007 season a few samples were taken that probably can be used for c14 dating. Currently, the dating is primarily based on relative dating, i.e. the artifacts recorded at the site. All the dateable finds from the floor layer in room a date to the period AD1600 – 1650, which strongly suggests that the stations was occupied from the early to the mid 17<sup>th</sup> century.

The function of the site is primarily industrial, i.e. the process of the manufacture of whale blubber to oil. However, the high number of unused tobacco pipes may suggest a secondary function, i.e. illegal trading with Icelanders. The archaeological evidence for trading is still limited but it would not be surprising that trading went on at these sites and the historical evidence support this hypothesis (*Guðs dýrð...* p. 381; *Alþingisbækur Íslands*, VII, p.79).

#### **4.1 Future work**

The plan for future work at the Strákatangi site is to continue the excavation until the whole station has been excavated. So far about 40% of the whole site has been excavated and it is likely that a full excavation will be finished in 2011.

The next step is to extend the excavation to the north and excavate building A immediately to the north of the 2007 excavation trench. The plan for the 2008 season is to finish excavating room b in building b and the excavation of building A to the north.

## **5. Appendices**

### 5.1 List of archaeological units

Code	No	Type	Group	Area	Description	Material	Context	Date	ID
Str07	1	Deposit	0	B	Turf surface (same as units in 2005 and 2006)	Turf	Surface	05.06.07	Red
Str07	2	Deposit	0	B	Black burnt layer rich with slag.	Mixed Silts	Dump	06.06.07	Red
Str07	3	Deposit	0	B	Black burnt layer. Organic. Outside.	Organic	Dump	05.06.07	Red
Str07	4	Cut	0	B	2005 archaeological trench.	Cut interface	Excavation	12.06.07	Red
Str07	5	Group	0	B	Modern disturbance. Trenches dug by former farmer for dumping rubbish.	Cut interface	Ditch	12.06.07	Red
Str07	6	Deposit	0	B	Infill in room a. Mixed aeolian deposits and collapse.	Mixed Silts	Collapse	12.06.07	Red
Str07	7	Cut	0	B	Modern disturbance in south part of room a.	Cut interface	Ditch	12.06.07	Red
Str07	8	Deposit	0	B	Aeolian deposits outside room a in south east part.	Mixed Silts	Aeolian	12.06.07	Red
Str07	9	Deposit	0	B	Mixed deposit on top of brick construction in room b.	Mixed Silts	Aeolian	13.06.07	Red
Str07	10	Deposit	0	B	Sandy deposit in south west corner of room b.	Sand	Aeolian	14.06.07	Red
Str07	11	Deposit	0	B	Sandy deposit outside oven in room b. Fill in robber trench.	Sand	Aeolian	14.06.07	Red
Str07	12	Deposit	0	B	Mixed deposit inside oven, mixed with bricks, sand and soil.	Mixed Silts	Aeolian	14.06.07	Red
Str07	13	Deposit	0	B	Lower fill in room b, mixed soil and collapse.	Mixed Silts	Collapse	18.06.07	Red
Str07	14	Cut	0	B	Circular cut for unit	Cut	Robber	19.06.07	Red

Code	No	Type	Group	Area	Description	Material	Context	Date	ID
					10. A robber trench.	interface	trench		
Str07	15	Cut	0	B	Oval cut for unit 11. A robber trench.	Cut interface	Robber trench	19.06.07	Red
Str07	16	Deposit	0	B	Black turf. Collapse from south wall in room b.	Mixed Silts	Collapse	19.06.07	Red
Str07	17	Deposit	0	B	Floor in room a. Black/Grey. Upper floor.	Organic	Floor	20.06.07	Red
Str07	18	Deposit	0	B	Thick black organic deposit in room a.	Organic	Undefined	22.06.07	Red
Str07	19	Deposit	0	B	Floor in room a. Lower floor. Main.	Organic	Floor	22.06.07	Red
Str07	20	Deposit	0	B	Workspace in "smithy". Lump of mixed turf/soil/sand	Mixed Silts	Collapse	25.06.07	Red
Str07	21	Deposit	0	B	Hearth in room a. Circular hearth, partially excavated in 2005.	Ash	Hearth	26.06.07	Red
Str07	22	Deposit	0	B	Bricks in a lump. Connected to smithy. Working area within the smithy	Bricks	Collapse	27.06.07	CAP
Str07	23	Deposit	0	B	Collapse in the entrance to main room. (same as 6)	Mixed Silts	Collapse	27.06.07	RED
Str07	24	Deposit	0	B	Gravel deposit mixed with charocal. Infill of a rectangular pit.	Gravel	Pit	28.06.07	CAP
Str07	25	Group	0	B	Group of deposits within smithy [Various features within].	Undefined	Undefined	28.06.07	CAP
Str07	26	Deposit	25	B	Furnace in smithy. Collapsed bricks and charcoal deposits mixed with slag [group 25].	Bricks	Furnace	28.06.07	CAP
Str07	27	Deposit	25	B	Brick structure within smithy. Either a collapse or dump. Many small pieces of bricks [group 025].	Bricks	Undefined	28.06.07	CAP

Code	No	Type	Group	Area	Description	Material	Context	Date	ID
Str07	28	Deposit	25	B	Fill for a pit in the center of smithy [group 025].	Mixed Silts	Furnace	28.06.07	CAP
Str07	29	Deposit	25	B	Fill in a pit west of [028] [group 025].	Mixed Silts	Furnace	28.06.07	CAP
Str07	30	Deposit	25	B	Fill in a posthole in the nw part of smithy.	Mixed Silts	Posthole	28.06.07	CAP
Str07	31	Deposit	25	B	Fill in a posthole in the w part of smithy.	Mixed Silts	Posthole	28.06.07	CAP
Str07	32	Deposit	25	B	Fill in a posthole in the sw part of smithy.	Mixed Silts	Posthole	28.06.07	CAP
Str07	33	Deposit	0	B	Floor deposit in room C. Smithy. Charcoal/sand mix.	Mixed Silts	Floor	28.06.07	RED
Str07	34	Cut	0	B	Cut for circular hearth [21] in main room.	Cut interface	Furnace	28.06.07	RED
Str07	35	Cut	25	B	Cut for small pit [29] in smithy	Cut interface	Furnace	28.06.07	RED
Str07	36	Cut	25	B	Cut for small pit [28] in smithy	Cut interface	Furnace	28.06.07	RED
Str07	37	Deposit	0	B	Turf block in north east part of smithy. Platform for a furnace?	Turf	Footing	28.06.07	RED
Str07	38	Cut	0	B	Cut for [27]	Cut interface	Pit	28.06.07	RED
Str07	40	Group	40	B	Postholes in main room.	Cut interface	Posthole	28.06.07	RED
Str07	41	Group	41	B	Postholes in smithy	Cut interface	Posthole	28.06.07	RED
Str07	42	Structural	0	B	Walls of smithy.	Mixed Silts	Wall	28.06.07	RED
Str07	43	Structural	0	B	Walls in rooms A and B, except the division wall. Not regularly built walls.	Mixed Silts	Wall	28.06.07	RED
Str07	44	Structural	0	B	Wall dividing A and B. Built with stones and turf. Different from other walls.	Turves/Stones	Wall	28.06.07	RED
Str07	45	Structural	0	B	Collapsed bricks from large oven/furnace in room b.	Bricks	Furnace	28.06.07	RED

Code	No	Type	Group	Area	Description	Material	Context	Date	ID
Str07	46	Deposit	0	B	Pile of bricks in south part of room b.	Bricks	Undefined	28.06.07	RED
Str07	47	Deposit	0		Subsoil			28.06.07	RED
Str07	48	Group	0	B	Room B. Kitchen. Square room that probably had a wooden roof.		Room	28.06.07	RED
Str07	49	Group	0	B	Room C. Smithy. Small square room to the back of the structure that only had a tent instead of a wooden roof.		Room	28.06.07	RED
Str07	50	Group	0	B	Room A. Habitation. Square room that probably had a wooden roof.		Room	28.06.07	RED

## 5.2 List of finds

Number	Unit	Type	Material	Quant.	Date	ID	Notes
1	3	Tobacco Pipe	Ceramic	1	05.06.07	RED	Stem+heel
2	3	Tobacco Pipe	Ceramic	1	05.06.07	RED	Bowl. Stamp. Fleur de lis. 1610-1640.
3	3	Tobacco Pipe	Ceramic	1	05.06.07	RED	Heel
4	3	Vessel	Ceramic	1	05.06.07	RED	Redware. Rim
5	3	Vessel	Ceramic	1	05.06.07	RED	Stoneware. Westerwald, 17th century.
6	3	Tobacco Pipe	Ceramic	1	05.06.07	RED	Stem
7	3	Vessel	Ceramic	1	05.06.07	RED	Redware
8	2			1	05.06.07	RED	Lignite (Surtarbrandur). Fuel.
9	2		Flint	1	06.06.07	RED	Unknown.
10	2	Nail	Iron	1	06.06.07	RED	Small nail.
11	2	Slag	Iron	10	06.06.07	RED	Slag from a smithy.
12	2	Vessel	Ceramic	1	06.06.07	RED	Stoneware/Westerwald/Decorated. 17th century.
13	2	Vessel	Ceramic	1	06.06.07	RED	Redware, many pieces from the same vessel.
14	3	Vessel	Ceramic	1	06.06.07	RED	Stoneware, Westerwald, 17th century. 1 Large piece
15	1	Nail	Iron	1	06.06.07	RED	Corroded piece.
16	1	Nail	Iron	1	06.06.07	RED	Corroded piece.
17	1	Vessel	Ceramic	11	07.06.07	RED	White ware, modern, 20th century.
18	3	Slag	Iron	0	07.06.07	RED	Several pieces of smithy slag.
19	1	Nail	Iron	1	07.06.07	RED	Corroded piece.
20	1	Machin e Part	Iron	1	07.06.07	RED	Modern pot iron.
21	1	Slag	Iron	1	08.06.07	RED	Smithy slag.
22	1	Tobacco Pipe	Ceramic	1	08.06.07	RED	Bowl and stem, stamped.
23	1		Iron	1	08.06.07	RED	Modern iron. Unidentified.
24	1	Vessel	Ceramic	11	08.06.07	RED	red ware.
25	1	Nail	Iron	1	08.06.07	RED	Whole nail.
26	1	Slag	Iron	0	08.06.07	RED	1 bag of slag.
27	8	Nail	Iron	1	12.06.07	RED	Corroded piece.
28	3	Vessel	Ceramic	1	12.06.07	RED	Stone ware.
29	8	Tobacco Pipe	Ceramic	1	12.06.07	RED	Stem/ small piece
30	8	Tobacco Pipe	Ceramic	1	12.06.07	RED	Stem/ small piece

Number	Unit	Type	Material	Quant.	Date	ID	Notes
		o Pipe					
31	8	Nail	Iron	1	12.06.07	RED	Corroded piece. Head.
32	8	Tobacco Pipe	Ceramic	1	12.06.07	RED	Heel, reddish fragment.
33	12	Tobacco Pipe	Ceramic	1	15.06.07	RED	Half a bowl.
34	6	Tobacco Pipe	Ceramic	5	18.06.07	RED	Burned, white glazing has formed.
35	4	Nail	Iron	2	18.06.07	RED	Broken nail.
36	4	Tobacco Pipe	Ceramic	1	18.06.07	RED	Stem.
37	6	Nail	Iron	1	18.06.07	RED	
38	6	Tobacco Pipe	Ceramic	1	18.06.07	RED	Stem
39	6		Iron	1	19.06.07	RED	Large corroded iron piece. Harpoon?
40	6		Ceramic	1	19.06.07	RED	Unidentified
41	6		Iron	1	19.06.07	RED	Unidentified
42	6	Vessel	Ceramic	1	19.06.07	RED	Whiteware.
43	6	Horseshoe	Iron	2	19.06.07	RED	Corroded
44	6		Organic	2	19.06.07	RED	Leather?
45	6	Nail	Iron	2	20.06.07	RED	Corroded.
46	6		Copper alloy	1	20.06.07	RED	Very badly corroded.
47	6	Rivet/Rove	Iron	1	20.06.07	RED	
48	6	Tobacco Pipe	Ceramic	1	20.06.07	RED	Stem
49	6	Rivet/Rove	Iron	1	20.06.07	RED	
50	6	Tobacco Pipe	Ceramic	1	20.06.07	RED	Stem
51	6		Iron	2	20.06.07	RED	Very corroded piece.
52	17	Vessel	Glass	1	20.06.07	RED	Small piece
53	6	Nail	Iron	2	20.06.07	RED	Corroded pieces.
54	6	Nail	Iron	1	20.06.07	RED	Corroded piece.
55	6	Tobacco Pipe	Ceramic	1	20.06.07	RED	Bowl with stem.
56	6	Brick	Ceramic	1	20.06.07	RED	Whole red brick with a thumb imprint.
57	6	Tobacco Pipe	Ceramic	1	20.06.07	RED	Stem.
58	8	Nail	Iron	1	21.06.07	RED	

Number	Unit	Type	Material	Quant.	Date	ID	Notes
59	8	Vessel	Ceramic	2	21.06.07	RED	
60	2	Vessel	Ceramic	1	21.06.07	RED	Stem. Decorated
61	19	Vessel	Ceramic	1	22.06.07	RED	Large piece. Glazed. Redware
62	19	Nail	Iron	1	22.06.07	RED	Corroded
63	19	Tobacco Pipe	Ceramic	1	22.06.07	RED	Stem.
64	19	Tobacco Pipe	Ceramic	1	22.06.07	RED	Stem.
65	19	Tobacco Pipe	Ceramic	1	22.06.07	RED	Stem.
66	18	Tobacco Pipe	Ceramic	1	22.06.07	RED	Stem.
67	6	Nail	Iron	2	22.06.07	RED	Pieces fit together.
68	6	Nail	Iron	1	22.06.07	RED	
69	6	Slag	Iron	1	22.06.07	RED	Slag from a smithy.
70	0	Tobacco Pipe	Ceramic	1	22.06.07	RED	From 2004 test trench. After removal of tarp.
71	0	Vessel	Ceramic	1	22.06.07	RED	From 2004 test trench. Whiteware. Modern
72	8	Tobacco Pipe	Ceramic	1	21.06.07	RED	Stem with partial bowl.
73	8	Nail	Iron	1	21.06.07	RED	
74	8	Nail	Iron	1	21.06.07	RED	
75	8	Nail	Iron	1	21.06.07	RED	
76	8	Nail	Iron	2	21.06.07	RED	
77	20	Slag	Iron	0	25.06.07	RED	From different places within [020].
78	20			1	25.06.07	RED	Lignite (Surtarbrandur).
79	6	Nail	Iron	1	25.06.07	RED	
80	6	Nail	Iron	1	25.06.07	RED	
81	6	Nail	Iron	1	25.06.07	RED	
82	6	Vessel	Ceramic	1	25.06.07	RED	Redware with green glazing.
83	6	Nail	Iron	1	25.06.07	RED	
84	6	Nail	Iron	1	25.06.07	RED	
85	19	Nail	Iron	3	25.06.07	RED	Corroded pieces.
86	19	Nail	Iron	3	25.06.07	RED	
87	19	Nail	Iron	2	25.06.07	RED	
88	19	Nail	Iron	2	25.06.07	RED	
89	19	Nail	Iron	1	25.06.07	RED	
90	19	Rivet/Rove	Iron	1	25.06.07	RED	

Number	Unit	Type	Material	Quant.	Date	ID	Notes
91	6	Tobacco Pipe	Ceramic	1	25.06.07	RED	Stem.
92	6	Nail	Iron	1	22.06.07	RED	Stuck to splinters of rotten wood.
93	19	Vessel	Glass	4	25.06.07	RED	Found in north part.
94	6	Nail	Iron	1	27.06.07	RED	
95	2	Vessel	Ceramic	1	21.06.07	RED	Stoneware. White glazing visible.
96	2	Tobacco Pipe	Ceramic	1	21.06.07	RED	
97	19	Button	Lead	1	27.06.07	RED	Small lead button. Flower decoration.
98	2		Glass	1	26.06.07	RED	Green glass.
99	2	Tobacco Pipe	Ceramic	1	26.06.07	RED	
100	2	Tobacco Pipe	Ceramic	1	26.06.07	RED	
101	21	Tobacco Pipe	Ceramic	1	26.06.07	RED	Bowl
102	21		Iron	1	26.06.07	RED	Large piece.
103	21		Iron	1	26.06.07	RED	
104	2		Stone	1	26.06.07	RED	Fragment. Worked on all sides.
105	2	Tobacco Pipe	Ceramic	2	26.06.07	RED	Burned.
106	2	Tobacco Pipe	Ceramic	1	26.06.07	RED	
107	2	Tobacco Pipe	Ceramic	2	26.06.07	RED	
108	2		Flint	1	26.06.07	RED	Worked
109	2		Glass	1	26.06.07	RED	
110	2	Nail	Glass	1	26.06.07	RED	
111	2		Flint	1	26.06.07	RED	
112	6	Tobacco Pipe	Ceramic	1	26.06.07	RED	
113	6		Iron	1	26.06.07	RED	
114	2	Tobacco Pipe	Ceramic	1	27.06.07	RED	
115	19	Vessel	Ceramic	1	27.06.07	RED	Redware. Green glazing.
116	19	Tobacco Pipe	Ceramic	1	27.06.07	RED	Stem. Decorated with flower design.
117	19	Tobacco Pipe	Ceramic	1	27.06.07	RED	Bowl.
118	19	Tobacco	Ceramic	1	27.06.07	RED	

Number	Unit	Type	Material	Quant.	Date	ID	Notes
		o Pipe					
119	19	Tobacco Pipe	Ceramic	1	27.06.07	RED	
120	22	Tobacco Pipe	Ceramic	1	27.06.07	RED	
121	19	Nail	Iron	1	27.06.07	RED	
122	19	Vessel	Ceramic	1	27.06.07	RED	Redware. Green glazing.
123	19		Iron	1	27.06.07	RED	
124	19		Iron	2	27.06.07	RED	
125	2	Tobacco Pipe	Ceramic	1	27.06.07	RED	Stem. Decorated.
126	19		Iron	2	27.06.07	RED	
127	19		Iron	3	27.06.07	RED	
128	19		Iron	2	27.06.07	RED	
129	22	Tobacco Pipe	Ceramic	1	27.06.07	RED	Whole bowl, with part of a stem.
130	22	Tobacco Pipe	Ceramic	1	27.06.07	RED	Part of a bowl.
131	19	Nail	Iron	1	27.06.07	RED	Found in sieve.
132	19	Tobacco Pipe	Ceramic	1	27.06.07	RED	Bowl. Found in sieve.
133	22	Nail	Iron	1	27.06.07	RED	Whole but bent. Found outside furnace.
134	19		Iron	1	26.06.07	RED	
135	19		Iron	1	26.06.07	RED	
136	19		Iron	1	26.06.07	RED	
137	19		Iron	1	26.06.07	RED	
138	19		Iron	1	26.06.07	RED	
139	19		Iron	1	26.06.07	RED	
140	19		Iron	1	26.06.07	RED	
141	19		Iron	3	26.06.07	RED	
142	19		Iron	2	26.06.07	RED	
143	19		Iron	1	26.06.07	RED	
144	19		Iron	1	26.06.07	RED	
145	19	Nail	Iron	2	26.06.07	RED	
146	19		Iron	1	26.06.07	RED	
147	19		Iron	1	26.06.07	RED	
148	19	Nail	Iron	1	26.06.07	RED	
149	0			0			No find
150	19		Iron	2	26.06.07	RED	

Number	Unit	Type	Material	Quant.	Date	ID	Notes
151	19		Iron	1	26.06.07	RED	
152	19		Iron	1	26.06.07	RED	
153	19		Iron	1	26.06.07	RED	
154	19	Nail	Iron	1	26.06.07	RED	
155	19	Nail	Iron	1	26.06.07	RED	
156	19		Iron	1	26.06.07	RED	
157	19		Iron	1	26.06.07	RED	
158	19	Nail	Iron	2	26.06.07	RED	
159	19	Tobacco Pipe	Ceramic	1	26.06.07	RED	Stem
160	19	Tobacco Pipe	Ceramic	1	26.06.07	RED	
161	19	Tobacco Pipe	Ceramic	1	26.06.07	RED	
162	19	Vessel	Ceramic	1	26.06.07	RED	Stoneware. Small fragment.
163	3	Tobacco Pipe	Ceramic	1	28.06.07	RED	Bowl. Large heel.
164	3	Vessel	Ceramic	1	28.06.07	RED	Redware.
165	19		Iron	2	28.06.07	RED	
166	19	Nail	Iron	2	28.06.07	RED	
167	19	Tobacco Pipe	Ceramic	1	28.06.07	RED	Bowl.
168	2	Tobacco Pipe	Ceramic	1	28.06.07	RED	Stem. Found in sieve.
169	19	Tobacco Pipe	Ceramic	2	28.06.07	RED	Stem
170	19	Tobacco Pipe	Ceramic	1	28.06.07	RED	Stem
171	19	Tobacco Pipe	Ceramic	1	28.06.07	RED	Bowl
172	19	Tobacco Pipe	Ceramic	1	28.06.07	RED	Bowl
173	19	Tobacco Pipe	Ceramic	1	28.06.07	RED	Bowl
174	19	Tobacco Pipe	Ceramic	1	28.06.07	RED	Bowl
175	19	Tobacco Pipe	Ceramic	1	28.06.07	RED	Stem
176	19	Vessel	Ceramic	1	28.06.07	RED	Redware. Green glazing.
177	33	Tobacco Pipe	Ceramic	1	29.06.07	RED	Stem
178	33	Tobacco Pipe	Ceramic	1	29.06.07	RED	Stem
179	33	Tobacco Pipe	Ceramic	1	29.06.07	RED	Bowl

Number	Unit	Type	Material	Quant.	Date	ID	Notes
		o Pipe					
180	33	Tobacco Pipe	Ceramic	1	29.06.07	RED	Bowl
181	19	Vessel	Ceramic	4	28.06.07	RED	Redware. Green glazing.
182	19	Vessel	Ceramic	1	28.06.07	RED	Redware. Red glazing.
183	19	Vessel	Ceramic	1	28.06.07	RED	Redware. Red glazing.
184	19	Vessel	Ceramic	1	28.06.07	RED	Redware. Red glazing.
185	19	Vessel	Ceramic	1	28.06.07	RED	Redware. Red glazing.
186	19	Vessel	Ceramic	1	28.06.07	RED	Redware. Red glazing.
187	19		Copper alloy	1	28.06.07	RED	Badly corroded.
188	19		Iron	1	28.06.07	RED	
189	19		Iron	1	28.06.07	RED	
190	19		Iron	1	28.06.07	RED	
191	19		Iron	3	28.06.07	RED	
192	19	Tobacco Pipe	Ceramic	1	29.06.07	RED	Bowl.
193	19	Tobacco Pipe	Ceramic	3	28.06.07	RED	Bowl.
194	19	Tobacco Pipe	Ceramic	1	28.06.07	RED	Stem.
195	19	Tobacco Pipe	Ceramic	1	28.06.07	RED	Stem with heel. Stamped.
196	19	Tobacco Pipe	Ceramic	2	28.06.07	RED	Stem.
197	19	Tobacco Pipe	Ceramic	1	28.06.07	RED	Stem
198	19		Iron	1	28.06.07	RED	
199	19	Tobacco Pipe	Ceramic	4	28.06.07	RED	Stem. Small fragments.
200	19	Vessel	Ceramic	1	28.06.07	RED	Stoneware. White glazing.
201	19		Iron	3	28.06.07	RED	Corroded pieces.
202	19	Tobacco Pipe	Ceramic	1	28.06.07	RED	Bowl
203	19	Nail	Iron	1	28.06.07	RED	
204	19		Iron	4	28.06.07	RED	
205	19		Iron	5	28.06.07	RED	
206	19	Tobacco Pipe	Ceramic	1	28.06.07	RED	Stem.
207	19	Tobacco Pipe	Ceramic	1	28.06.07	RED	Stem
208	19		Iron	1	28.06.07	RED	
209	19		Iron	2	28.06.07	RED	

Number	Unit	Type	Material	Quant.	Date	ID	Notes
210	19		Iron	1	28.06.07	RED	
211	19	Tobacco Pipe	Ceramic	2	28.06.07	RED	
212	19	Tobacco Pipe	Ceramic	1	28.06.07	RED	Stem
213	19	Tobacco Pipe	Ceramic	1	28.06.07	RED	Stem
214	33	Tobacco Pipe	Ceramic	1	30.06.07	RED	Stem. Decorated.
215	33	nail	Iron	1	30.06.07	RED	Corroded piece.
216	33	nail	Iron	1	30.06.07	RED	Corroded piece.
217	33	nail	Iron	1	30.06.07	RED	Corroded piece.
218	33	Tobacco Pipe	Ceramic	1	30.06.07	RED	Stem.
219	19	Tobacco Pipe	Ceramic	1	30.06.07	RED	Stem.
220	19	Tobacco Pipe	Ceramic	1	30.06.07	RED	Stem.
221	19	Tobacco Pipe	Ceramic	1	30.06.07	RED	Stem.
222	19	Tobacco Pipe	Ceramic	1	30.06.07	RED	Stem.
223	19	Tobacco Pipe	Ceramic	1	30.06.07	RED	Stem.
224	19	Tobacco Pipe	Ceramic	1	30.06.07	RED	Stem.
225	19	Tobacco Pipe	Ceramic	2	30.06.07	RED	Stem.
226	19		Iron	1	30.06.07	RED	Badly corroded.
227	19		Iron	1	30.06.07	RED	Badly corroded.
228	19		Iron	1	30.06.07	RED	Badly corroded.
229	19		Iron	1	30.06.07	RED	Badly corroded.
230	19		Iron	1	30.06.07	RED	Badly corroded.
231	21	Tobacco Pipe	Ceramic	1	30.06.07	RED	Sr. Walter Raleigh and the Crocodile. 1630-50.
232	21	Tobacco Pipe	Ceramic	1	30.06.07	RED	Bowl. Stamped on heel with DA.
233	21	Tobacco Pipe	Ceramic	1	30.06.07	RED	Bowl
234	21	Tobacco Pipe	Ceramic	1	30.06.07	RED	Stem. Decorated.
235	21	Tobacco Pipe	Ceramic	1	30.06.07	RED	Stem.
236	21	Tobacco Pipe	Ceramic	1	30.06.07	RED	Stem.

Number	Unit	Type	Material	Quant.	Date	ID	Notes
237	21	Tobacco Pipe	Ceramic	3	30.06.07	RED	Stem.
238	21	Vessel	Ceramic	1	30.06.07	RED	Redware. Handle?
239	21	Vessel	Ceramic	5	30.06.07	RED	Stoneware. Westerwald. 17th century.
240	21		Iron	1	30.06.07	RED	corroded piece.
241	21		Iron	1	30.06.07	RED	corroded piece.
242	21		Iron	1	30.06.07	RED	corroded piece.
243	21		Iron	1	30.06.07	RED	corroded piece.
244	21	Tobacco Pipe	Ceramic	1	30.06.07	RED	Stem
245	21	Tobacco Pipe	Ceramic	2	30.06.07	RED	Bowl. Broken in two pieces.
246	33	Tobacco Pipe	Ceramic	1	30.06.07	RED	Stem.
247	19		Iron	1	30.06.07	RED	Found in sieve.
248	19		Iron	2	30.06.07	RED	Found in sieve.
249	19		Iron	1	28.06.07	RED	
250	19		Iron	1	28.06.07	RED	
251	19	Tobacco Pipe	Ceramic	1	29.06.07	RED	Stem.
252	19			1	29.06.07	RED	Unknown material and type.
253	19	Tobacco Pipe	Ceramic	1	29.06.07	RED	Stem. Decorated with small incised lines.
254	19	Tobacco Pipe	Ceramic	3	29.06.07	RED	Stem. Broken in three small pieces.
255	19	Tobacco Pipe	Ceramic	4	29.06.07	RED	Stem. Four small pieces.
256	19		Iron	1	29.06.07	RED	Corroded piece.
257	19	Tobacco Pipe	Ceramic	1	29.06.07	RED	Small fragment.
258	19	Tobacco Pipe	Ceramic	1	29.06.07	RED	Small fragment.
259	19	Tobacco Pipe	Ceramic	1	29.06.07	RED	Small fragment.
260	19		Iron	1	29.06.07	RED	Small corroded piece.
261	19		Iron	1	29.06.07	RED	Small corroded piece.
262	19		Iron	1	29.06.07	RED	Small corroded piece.
263	19	Tobacco Pipe	Ceramic	1	29.06.07	RED	Stem
264	19	Tobacco Pipe	Ceramic	1	29.06.07	RED	Bowl. Whole.
265	19	Tobacco Pipe	Ceramic	1	29.06.07	RED	Stem.

Number	Unit	Type	Material	Quant.	Date	ID	Notes
		o Pipe					
266	19	Tobacco Pipe	Ceramic	5	29.06.07	RED	Small pieces.
267	19			1	29.06.07	RED	Unknown material and type.
268	19	Tobacco Pipe	Ceramic	1	29.06.07	RED	Bowl, whole.
269	19		Iron	3	29.06.07	RED	
270	19	Slag	Iron	1	29.06.07	RED	
271	19	Tobacco Pipe	Ceramic	1	29.06.07	RED	Stem
272	19	Tobacco Pipe	Ceramic	1	29.06.07	RED	Stem
273	19	Tobacco Pipe	Ceramic	1	29.06.07	RED	Stem
274	19	Tobacco Pipe	Ceramic	3	29.06.07	RED	Three small pieces
275	19		Iron	1	29.06.07	RED	
276	19		Iron	1	29.06.07	RED	
277	19		Iron	1	29.06.07	RED	
278	19	Tobacco Pipe	Ceramic	1	29.06.07	RED	Bowl. Small piece.
279	19	Tobacco Pipe	Ceramic	1	29.06.07	RED	Stem
280	19	Tobacco Pipe	Ceramic	1	29.06.07	RED	Stem
281	19	Tobacco Pipe	Ceramic	1	29.06.07	RED	Bowl. Broken.
282	19		Stone	1	29.06.07	RED	
283	19	Tobacco Pipe	Ceramic	2	29.06.07	RED	Stem. Decorated.
284	19	Tobacco Pipe	Ceramic	1	29.06.07	RED	Stem
285	19	Tobacco Pipe	Ceramic	1	29.06.07	RED	Bowl. Broken small piece.
286	19	Tobacco Pipe	Ceramic	1	29.06.07	RED	Stem
287	19	Tobacco Pipe	Ceramic	1	29.06.07	RED	Stem
288	19	Tobacco Pipe	Ceramic	1	29.06.07	RED	Stem
289	19	Tobacco Pipe	Ceramic	1	29.06.07	RED	Stem
289	19		Iron	3	29.06.07	RED	Corroded pieces.
290	19	Tobacco Pipe	Ceramic	1	29.06.07	RED	Stem.

Number	Unit	Type	Material	Quant.	Date	ID	Notes
		o Pipe					
291	19	Tobacco Pipe	Ceramic	1	29.06.07	RED	Stem
292	19	Tobacco Pipe	Ceramic	2	29.06.07	RED	Stem
293	19		Iron	1	29.06.07	RED	
294	19		Iron	1	29.06.07	RED	
295	19		Iron	1	29.06.07	RED	
296	19		Iron	0	29.06.07	RED	
297	19	Tobacco Pipe	Ceramic	1	29.06.07	RED	Stem
298	13	Tobacco Pipe	Ceramic	1	06.07.07	RED	Sr. Walter Raleigh and the Crocodile. 1630-50.
299	13	Tobacco Pipe	Ceramic	1	06.07.07	RED	Stem.
300	13	Nail	Iron	1	06.07.07	RED	Corroded piece
301	23	Vessel	Ceramic	1	06.07.07	RED	Redware
302	0	Tobacco Pipe	Ceramic	1	06.07.07	RED	Heel. Unstratified.

### 5.3 List of samples

No	Unit	Grid	Type	Method	ProcessType	Vol_est	Count	Notes
1	6		Bulk	Macro	Floatation	2L		Pollen sample.
2	6		Bulk	Macro	Insects	2L	0	Insect sample
3	6		Bulk	Micro	Insects	100 ml	0	Black beetle
4	6		Block	Macro	Magnetic		0	Pice of slag
5	20		Bulk	Macro	Floatation	2L	0	Pollen sample
6	20		Bulk	Macro	Insects	2l	0	Insect sample
7	6		Bulk	Macro	Identification		0	Black organic deposit
8	21		Bulk	Macro	Identification		0	Wood for speciation.
9	2		Bulk	Macro	Floatation		0	Slag
10	2		Bulk	Macro	Floatation		0	Slag
11	2		Bulk	Macro	Floatation		0	Slag
12	2		Bulk	Macro	Floatation		0	Slag
13	2		Bulk	Macro	Floatation		0	Slag
14	2		Bulk	Macro	Floatation		0	Slag
15	2		Bulk	Macro	Floatation		0	Slag
16	2		Bulk	Macro	Floatation		0	Slag
17	2		Bulk	Macro	Identification		0	Surtarbrandur/lignite
18	3		Bulk	Macro	Identification		0	Burned bricks
19	21		Bulk	Macro	Identification		0	Burned wood
20	21		Bulk	Macro	Floatation		0	Slag
21	2		Bulk	Macro	Floatation		0	mixed
22	19		Bulk	Macro	Identification	1	0	1 burned bone
23	19		Bulk	Macro	Identification	1	0	1 piece of "surtarbrandur"
24	22		Bulk	Macro	Magnetic	1 bag	0	Slag
25	22		Bulk	Macro	Chemical		0	Burned bricks
26	22		Bulk	Macro	Identification		0	1 piece of "surtarbrandur"
27	19	x1000/y1018	Bulk	Macro	Floatation	1/4	0	Floor deposit. X1000/Y1018
28	19	x999/1018	Bulk	Macro	Floatation	3/3	0	Floor deposit. X999/y1018
29	19	x1001/1018	Bulk	Macro	Floatation	1/2	0	Floor deposit. X1001/1018
30	19	x1001/1019	Bulk	Macro	Floatation	2/2	0	Floor deposit. X1001/1018
31	26		Bulk	Macro	Floatation	1/1	0	Furnace in Smithy
32	27		Bulk	Macro	Floatation	1/1	0	Charcoal and Slag. Fuel
33	19	x1002/1021	Bulk	Macro	Identification	1/1	0	mainly burned bones

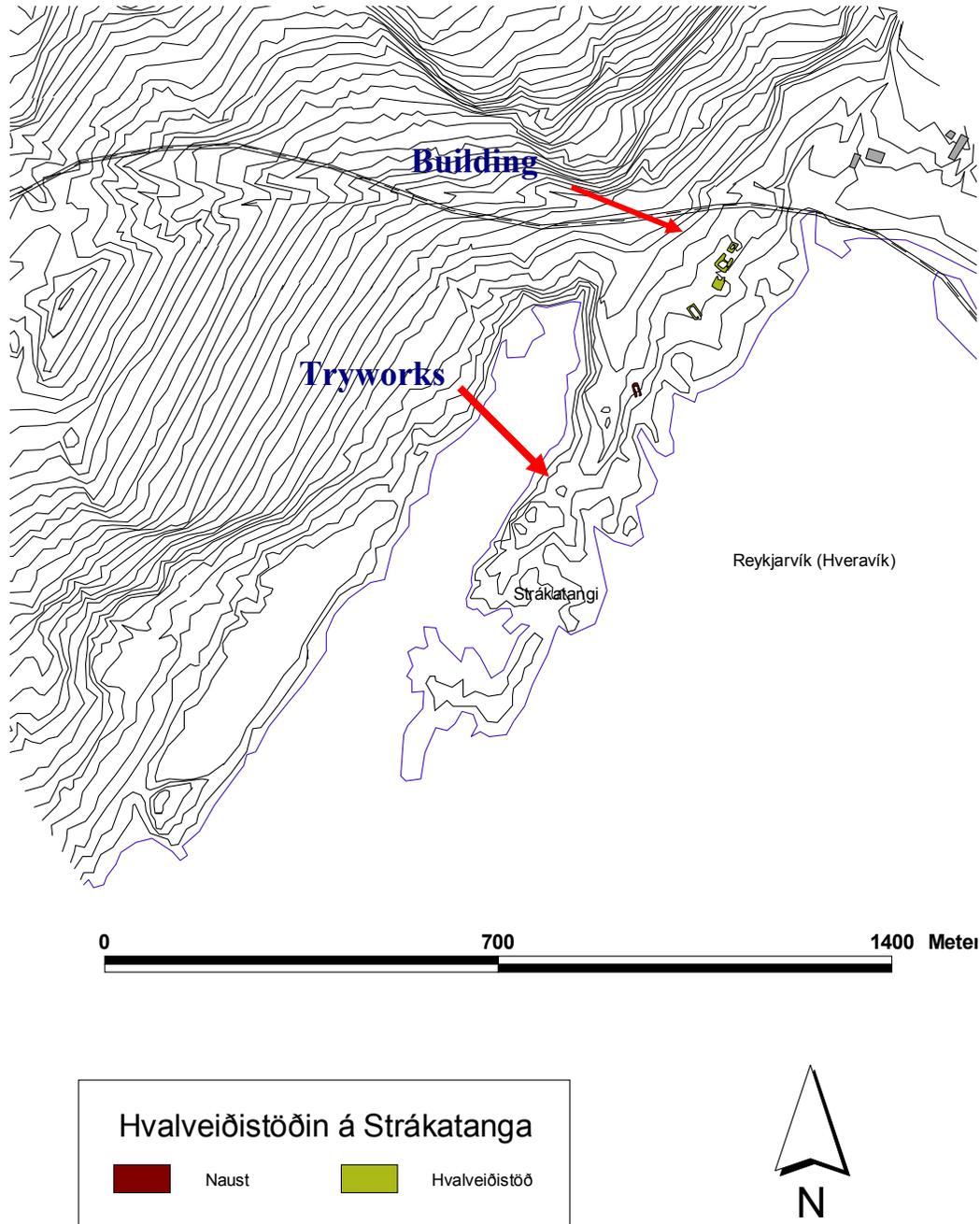
No	Unit	Grid	Type	Method	ProcessType	Vol_est	Count	Notes
34	33	x995/1080	Bulk	Macro	Floatation	3/3	0	Floor in smithy
35	19	x1000/y1021	Bulk	Macro	Floatation		0	Possible floor deposit in room a.
36	21		Bulk	Macro	Floatation	1/1	0	Hearth in room a.
37	33	x993/1018	Bulk	Macro	Floatation	2/3	0	Floor in Smithy
38	33	x993/1018	Bulk	Macro	Floatation	1/3	0	Floor in Smithy
39	19	x1000/1022	Bulk	Macro	Floatation	3/3	0	Floor in room a
40	19	x1000/1022	Bulk	Macro	Floatation	2/3	0	Floor in room a
41	19	x1002/1021	Bulk	Macro	Floatation	3/9	0	Floor in room a
42	19	x1002/1021	Bulk	Macro	Floatation	4/9	0	Floor in room a
43	19	x1002/1021	Bulk	Macro	Floatation	2/9	0	Floor in room a
44	19	x1001/1022	Bulk	Macro	Floatation	1/3	0	Floor in room a
45	19	x999/1020	Bulk	Macro	Floatation	1/6	0	Floor in room a
46	19	x999/1020	Bulk	Macro	Floatation	6/6	0	Floor in room a
47	19	x999/1020	Bulk	Macro	Floatation	5/6	0	Floor in room a
48	19	x999/1020	Bulk	Macro	Floatation	2/6	0	Floor in room a
49	19	x999/1020	Bulk	Macro	Floatation	4/6	0	Floor in room a
50	19	x999/1020	Bulk	Macro	Floatation	3/6	0	Floor in room a
51	29		Bulk	Macro	Magnetic	1/1	0	Room C. Smaller furnace
52	28		Bulk	Macro	Floatation	1/1	0	Room C. posthole
53	29		Bulk	Macro	Magnetic	1/1	0	Slag from the bottom of a furnace pit.
54	26		Bulk	Macro	Magnetic	1/1	0	Room C. Larger furnace.
55	27		Bulk	Macro	Floatation	1/1	0	Brick feature
56	19	x1000/y1021	Bulk	Macro	Floatation		0	Floor in room a.
57	19	x999/y1021	Bulk	Macro	Floatation	1/1	0	Floor in room a.
58	19	x999/y1022	Bulk	Macro	Floatation		0	Floor in room a.
59	19	x1018/y1001	Bulk	Macro	Floatation	1/4	0	Floor in room a.
60	19	x1001/y1018	Bulk	Macro	Floatation	2/4	0	Floor in room a.
61	19	x1001/y1018	Bulk	Macro	Floatation	4/4	0	Floor in room a.
62	19	x1001/y1018	Bulk	Macro	Floatation	3/4	0	Floor in room a.
63	19	x999/y1021	Bulk	Macro	Floatation		0	Floor in room a.
64	19	x999/y1019	Bulk	Macro	Floatation	5/7	0	Floor in room a.
65	19	x999/y1019	Bulk	Macro	Floatation	6/7	0	Floor in room a.
66	19	x999/y1019	Bulk	Macro	Floatation	1/7	0	Floor in room a.
67	19	x999/y1019	Bulk	Macro	Floatation	2/7	0	Floor in room a.
68	19	x999/y1019	Bulk	Macro	Floatation	3/7	0	Floor in room a.
69	19	x999/y1019	Bulk	Macro	Floatation	4/7	0	Floor in room a.
70	19	x999/y1019	Bulk	Macro	Floatation	7/7	0	Floor in room a.
71	19	x1002/1022	Bulk	Macro	Floatation		0	Floor in room a.
72	19	x/1002/y1021	Bulk	Macro	Floatation	5/9	0	Floor in room a.

No	Unit	Grid	Type	Method	ProcessType	Vol_est	Count	Notes
73	19	x/1002/y1021	Bulk	Macro	Floatation	6/9	0	Floor in room a.
74	19	x/1002/y1021	Bulk	Macro	Floatation	1/9	0	Floor in room a.
75	19	x/1002/y1021	Bulk	Macro	Floatation	8/9	0	Floor in room a.
76	19	x/1002/y1021	Bulk	Macro	Floatation	7/9	0	Floor in room a.
77	19	x/1002/y1021	Bulk	Macro	Floatation	9/9	0	Floor in room a.
78	19	x1002/y1021	Bulk	Macro	Floatation		0	Floor in room a.
79	19	x1002/y1022	Bulk	Macro	Floatation	6/11	0	Floor in room a.
80	19	x1002/y1022	Bulk	Macro	Floatation	4/11	0	Floor in room a.
81	19	x1002/y1022	Bulk	Macro	Floatation	7/11	0	Floor in room a.
82	19	x1002/y1022	Bulk	Macro	Floatation	3/11	0	Floor in room a.
83	19	x1002/y1022	Bulk	Macro	Floatation	8/11	0	Floor in room a.
84	19	x1002/y1022	Bulk	Macro	Floatation	2/11	0	Floor in room a.
85	19	x1002/y1022	Bulk	Macro	Floatation	9/11	0	Floor in room a.
86	19	x1002/y1022	Bulk	Macro	Floatation	1/11	0	Floor in room a.
87	19	x1002/y1022	Bulk	Macro	Floatation	10/11	0	Floor in room a.
88	19	x1002/y1022	Bulk	Macro	Floatation	11/11	0	Floor in room a.
89	19	x1001/y1018	Bulk	Macro	Floatation	8/12	0	Floor in room a.
90	19	x1001/y1018	Bulk	Macro	Floatation	1/12	0	Floor in room a.
91	19	x1001/y1018	Bulk	Macro	Floatation	2/12	0	Floor in room a.
92	19	x1001/y1018	Bulk	Macro	Floatation	3/12	0	Floor in room a.
93	19	x1001/y1018	Bulk	Macro	Floatation	4/12	0	Floor in room a.
94	19	x1001/y1018	Bulk	Macro	Floatation	5/12	0	Floor in room a.
95	19	x1001/y1018	Bulk	Macro	Floatation	6/12	0	Floor in room a.
96	19	x1001/y1018	Bulk	Macro	Floatation	9/12	0	Floor in room a.
97	19	x1001/y1018	Bulk	Macro	Floatation	7/12	0	Floor in room a.
98	19	x1001/y1018	Bulk	Macro	Floatation	10/12	0	Floor in room a.
99	19	x1001/y1018	Bulk	Macro	Floatation	8/12	0	Floor in room a.
100	19	x1001/y1018	Bulk	Macro	Floatation	1/12	0	Floor in room a.
101	19	x1001/y1018	Bulk	Macro	Floatation	12/12	0	Floor in room a.
102	0		Bulk	Macro	Floatation		0	Brick oven in room b.
103	19	x1000/y1018	Bulk	Macro	Floatation	2/4	0	Floor in room a. No. 27b in registry.
104	19	x1000/y1018	Bulk	Macro	Floatation	3/4	0	Floor in room a. No. 27c in registry.
105	19	x1000/y1018	Bulk	Macro	Floatation	4/4	0	Floor in room a. No. 27d in registry.
106	19	x999/y1018	Bulk	Macro	Floatation	1/3	0	Floor in room a. No. 28b in registry.
107	19	x999/y1018	Bulk	Macro	Floatation	2/3	0	Floor in room a. No. 28c in registry.

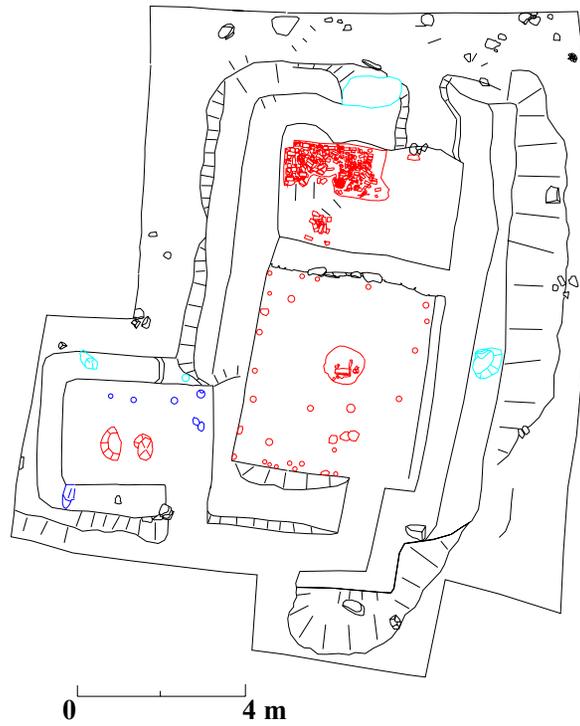
#### 5.4 List of bones

No	Grid	Unit	Process	Volume	No_bag	Count	Notes
1		1	Identification	1		1	Whale bone (bægsli/fin)
2		9	Identification	1		1	Whale bone
3		1	Identification	1		0	Several pieces of the same bone
4		19	Identification	1		1	Burned whale bone.

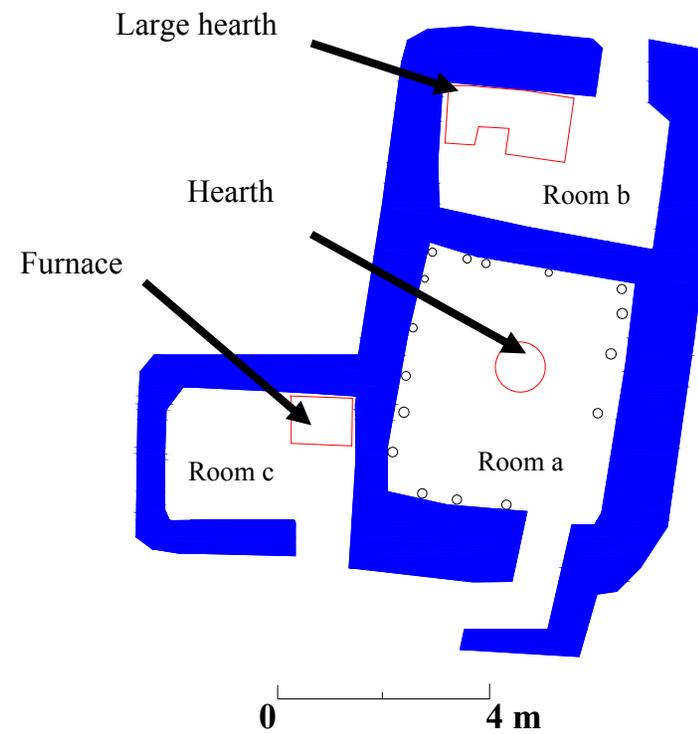
## 6. Maps and Plans



Map 1. The whaling station and the location of the new structures.



Plan 1. Building B at the end of excavation.



Plan 2. The main structural features of building B.

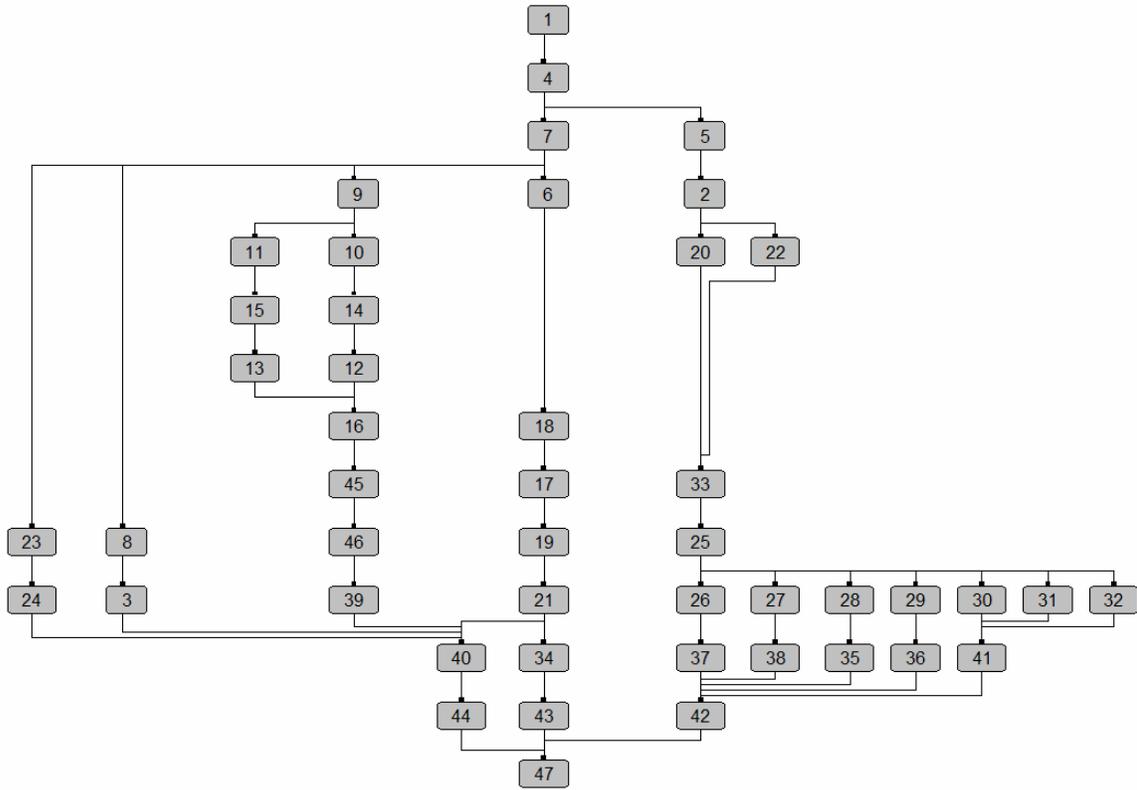


Fig. 3. Excavation matrix for the 2007 excavation.

## 7. Photographs.



Picture 1. Structure B at the beginning of the excavation.



Picture 2. Room A after removal of topsoil. The test trench from 2005 is visible in the picture.



Picture 3. Room b the kitchen under excavation. Note the large brick hearth in the upper right corner.



Picture 4. Room a, habitation, entrance on the left side and room c, the smithy in the back.



Picture 5. The floor in room a. Note the stone foundation under the wall in the right of the picture.



Picture 6. The floor in room c. A brick furnace is visible in the upper right of the picture.



Picture 7. Slag from the bottom of the small furnace pits in room c.



Picture 8. Tobacco pipe. Early 17th century.



Picture 9. Tobacco pipe. Walter Raleigh and the crocodile.  
1630 – 1650.



Picture 10. Tobacco pipe. Decorated stem.



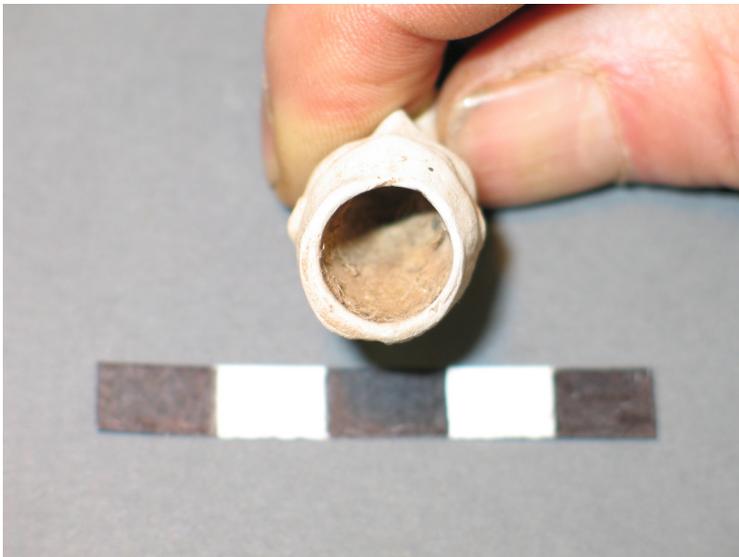
Picture 11. Stoneware. Part of a decorated vessel.



Picture 12. Redware. Parts of a vessel



Picture 12. Decorated lead button.



Picture 13. Unused tobacco pipe..

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