Report of the Skagafjörður Archaeological Settlement Survey 2009:

Test pits at Meðalheimur (1006)

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In collaboration with
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Additional copies of this report and other reports, as well as much of the raw data can be downloaded from http://www.fiskecenter.umb.edu/SASS.htm

Acknowledgements

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The work described below took place at the modern farm of Hátún that would have been part of Glaumbær (111) in an area well west of the modern settlement called Meðalheimur that we have called 1006 in our designation system.

Goals

The goal of the work at Meðalheimur (1006) was straightforward. We sought to date the earliest occupation of the visible farmmound and obtain additional faunal material from the earliest layers by placing and excavating a 2x4 m test pit in the oldest part of the midden, as determined by previous (2007) coring.

Test pit

Test pitting at Meðalheimur began 7/28/2009 and went through 8/14/2009, excavated by Amanda Schreiner and Emily Button with the assistance of Ayshe Yeager, Rita Shepard, and Joanna Curtis. The location of the test pit at Area A (E 475532.4, N 567664) was determined by 2007 cores and a previous 1x1 test pit (Figure 1).

In general, the midden above the 1300 tephra was very heterogeneous. From these upper contexts tremendous numbers of animal bones and pieces of cloth were remarkable. Twenty five large pieces of textile were found in contexts 203 through 210. The number of textiles dropped precipitously with most (8) being identified in context 203 and only one in context 210 (Figure 2). In all likelihood this drop with depth is a result of preservation. No textiles were identified below the 1300 tephra layer. Some wood, copper and iron were also recovered from these upper contexts. There is no indication of abandonment in any of the contexts above the 1300 teprha.

The volume of midden decreased dramatically under the 1300 tephra layer. There was on the order of 1.5m of midden above the 1300 tephra and usually less than 50 cm from the 1300 tephra layer to the top of the LNS. Less than 25 cm separated the 1300 and the 1104 tephra [212] and less than 10 cm separated the 1104 and the 1000 [213]. In many cases the 1000 was just a few cm above the LNS or the H3 tephra [214]. The 1000 tephra was only identified in the south and north profiles, not on the west (Figure 3) or the much shorter east profile. The 1000 tephra was, like the 1104 and 1300, identified during excavation and made for our context breaks.

Below the 1000 tephra we encountered a series of features that we believe to be the edge of a very early pit-house (Figure 4). The pit house wall was identified during excavation [216] and was capped by a thick organic layer with LNS tephras (Figure 5). Therefore the distinct LNS between [214] and [217] on the west profile is probably not in situ, but part of this wall (Figure 6). This organic LNS layer rested on top of heterogeneous H3 with spots of aeolian sediment that we interpret as upcast from the digging of the pit house. The upcast and the in situ H3/H4 blend together to it is very difficult to spate cultural features from fall and in situ prehistoric tephra. To the west of the preserved wall [216], and mirroring its shape and width, we identified an irregular deposit of H3/H4 upcast mixed with organic deposits. We interpret this layer [217] as wall fall. Interior (to the southwest) is a small bit of compact grayish deposit [218] that we believe is the floor of the pit house. This entire deposit was floated, but has not yet been analyzed. Outside the wall were two small separate pit features [215] that contained rich deposits of bones. Other than [215] and [218], all other features at this layer were not further excavated.

Two small gray deposits [219] and [220] discovered in the H3 tephra were originally though to be postholes of some sort. Upon further examination, these seem to be trees that were growing at the time the H3 tephra was deposited (Figure 7).

Floatation

Samples for flotation from all pre 1300 AD contexts were taken. While they have all been floated, they have not yet been analyzed.

Interpretation

By 1714 Meðalheimur is a sharecropper farm and part of Glaumbær, it is clearly has a very early establishment, probably earlier than Glaumbær. Given that we have encountered other possible pit-houses at Meðalheimur (see the 2007 report) and given the early tephra and AMS dates from the site, Meðalheimur is probably one of the earliest farms in Langholt. Furthermore, the area with cultural material under the 1104 tephra layer is quite substantial. We estimate 4596 m^2 of occupation area at 1104 AD. While not all of this area may have been occupied at one time, the occupation for this unusual farm is clearly substantial. We now have 6 good AMS dates (Figure 9) for the lower levels of Meðalheimur (8 if we include the Neolithic dates from the Arizona lab taken in the early years). Therefore we estimate an establishment date of 918 AD for Meðalheimur.

Figure 1. Test pit location.

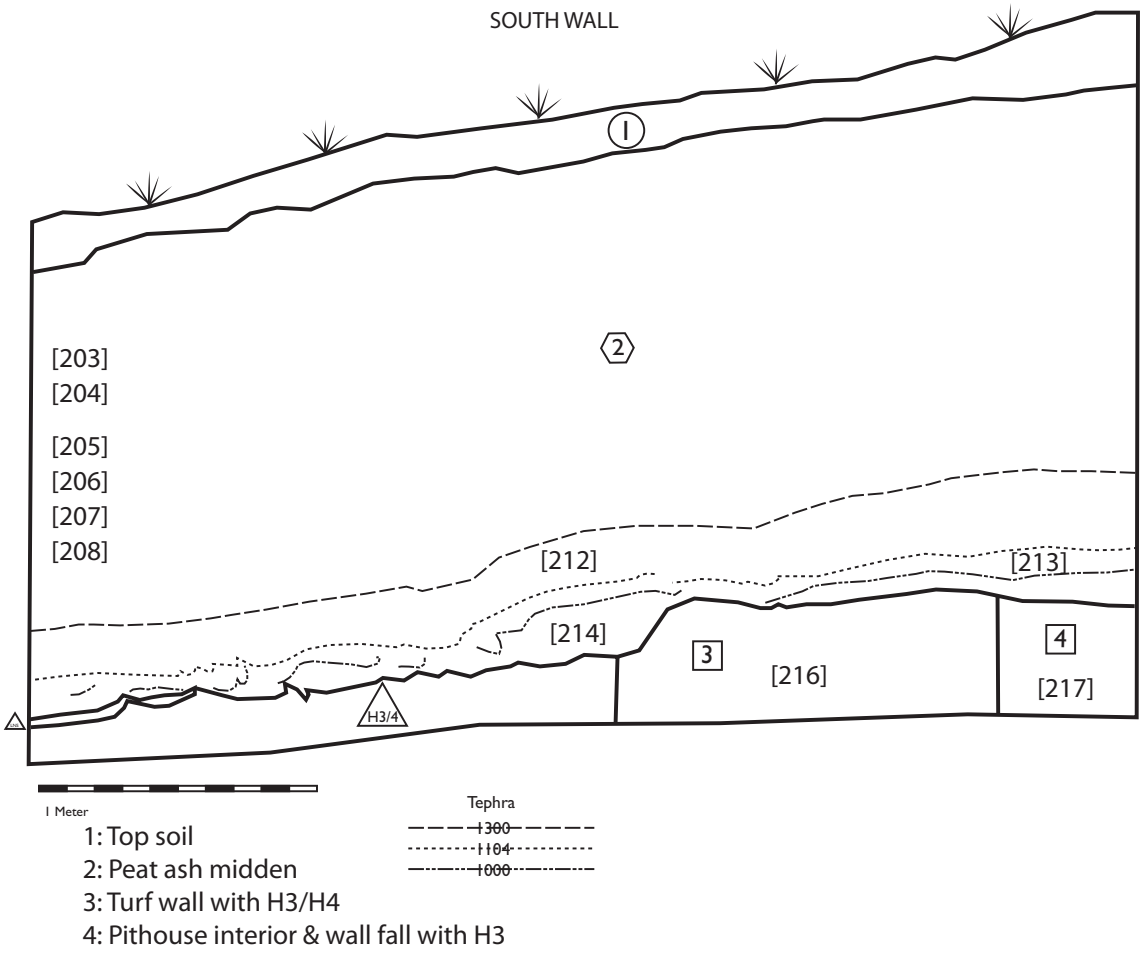


Figure 2. South Profile.

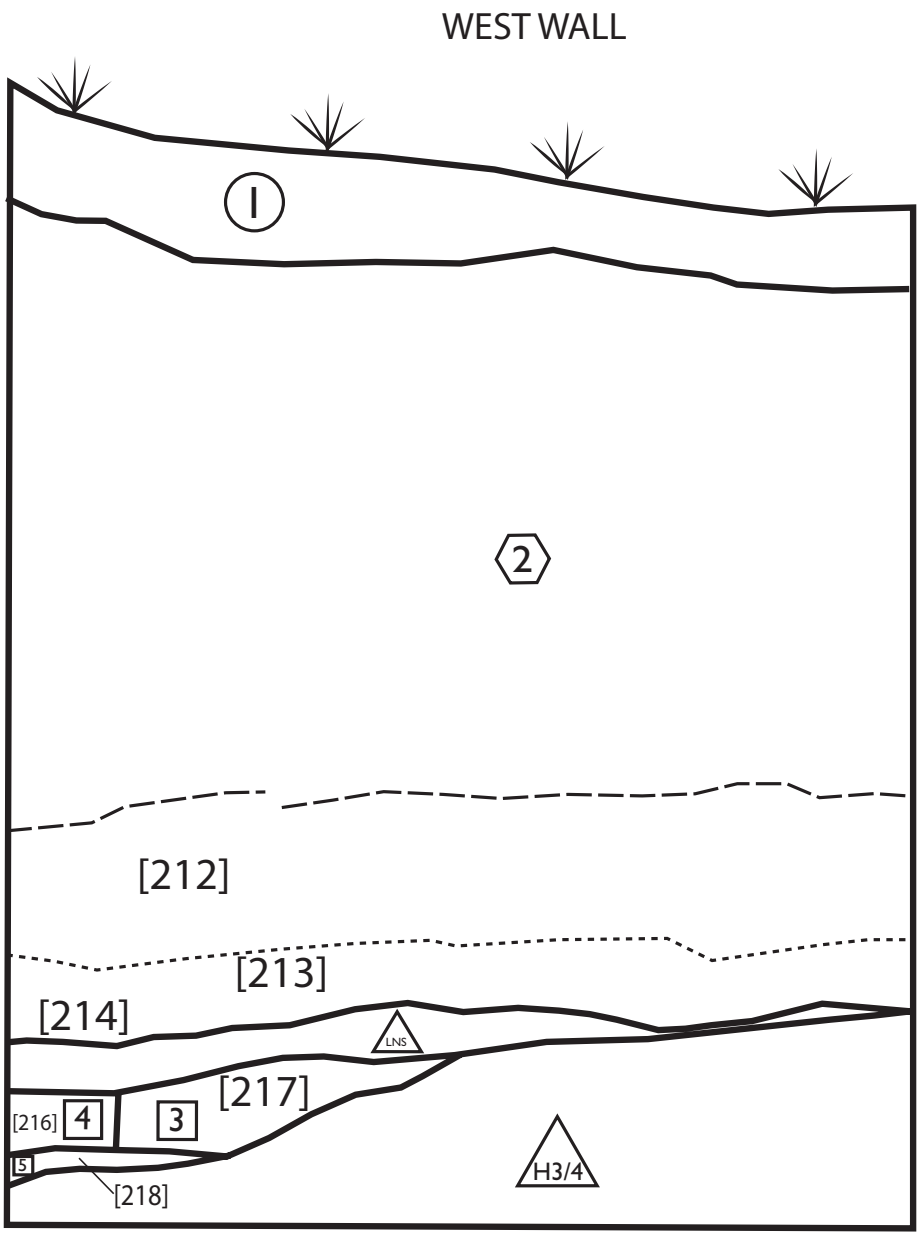


Figure 3. West wall profile.

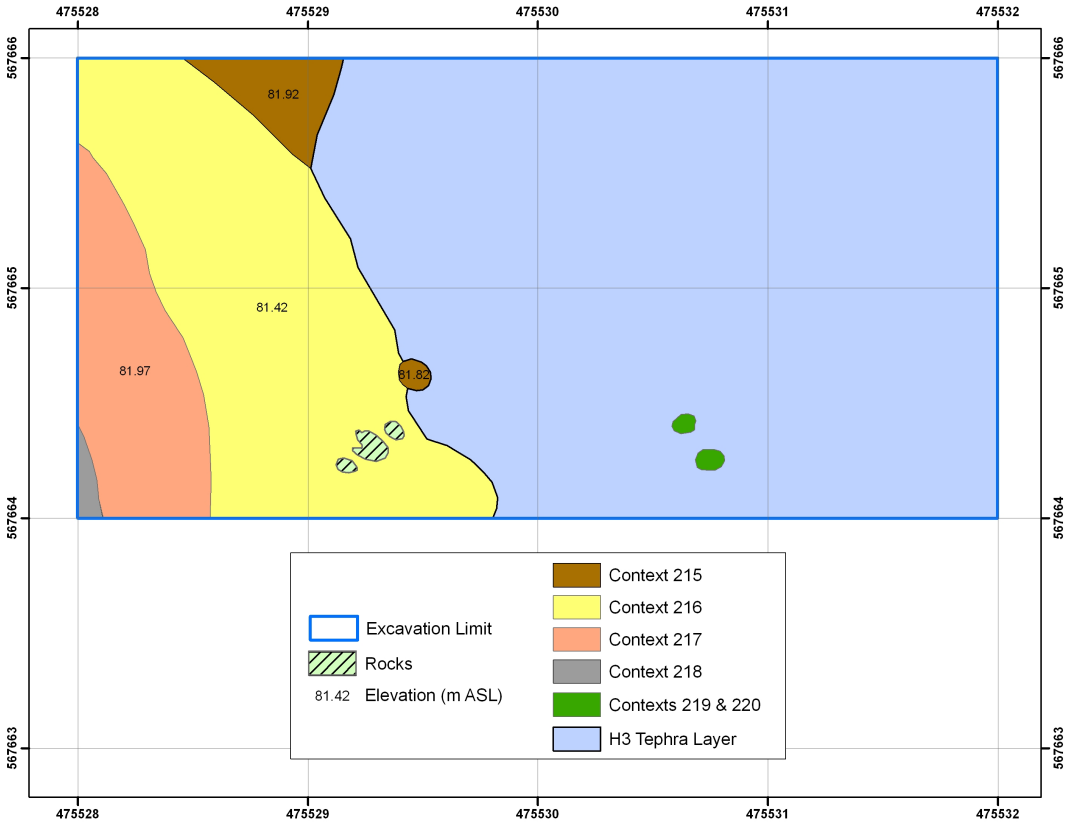


Figure 4. Plan of contexts at bottom of test pit.

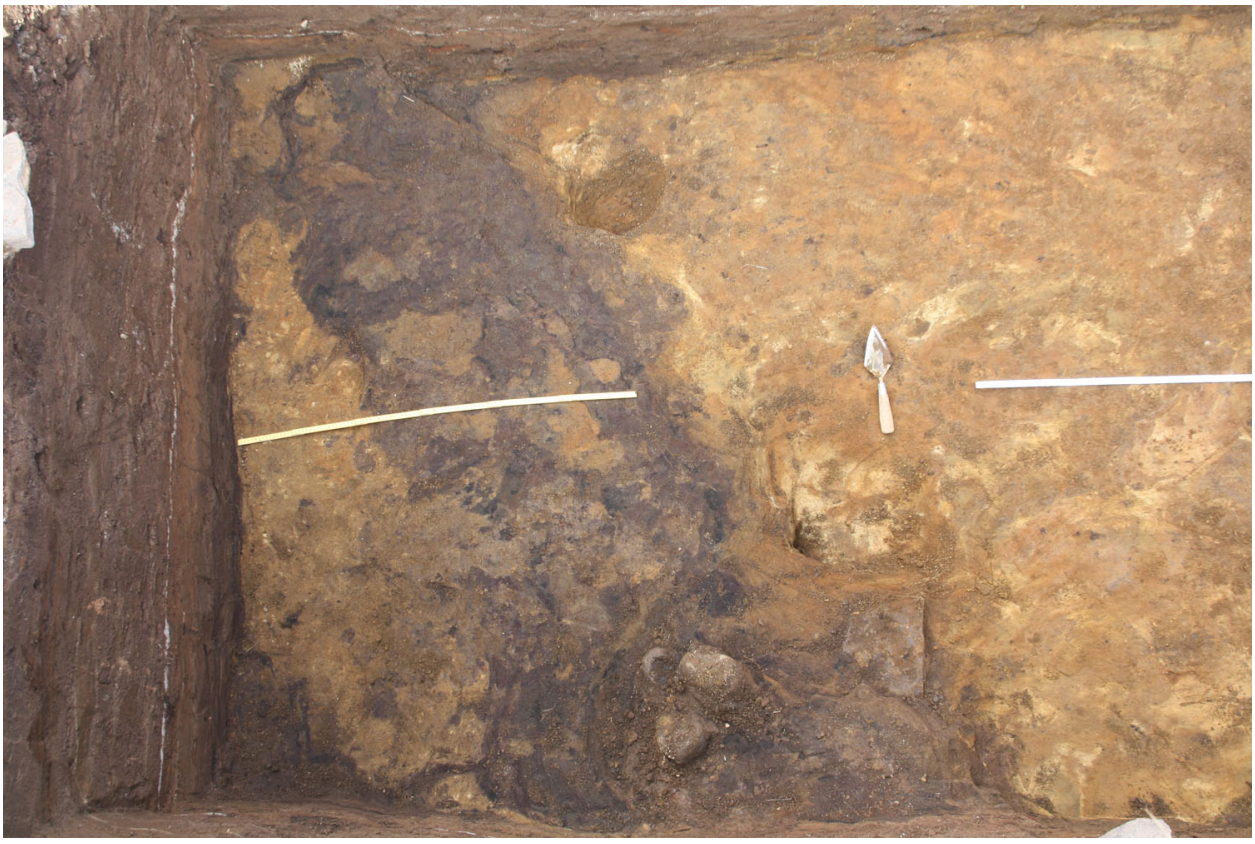


Figure 5. Photo of contexts at bottom of test pit (from the south wall)

Figure 6. photo of west wall showing sequence

Figure 7. Contexts 219 and 220

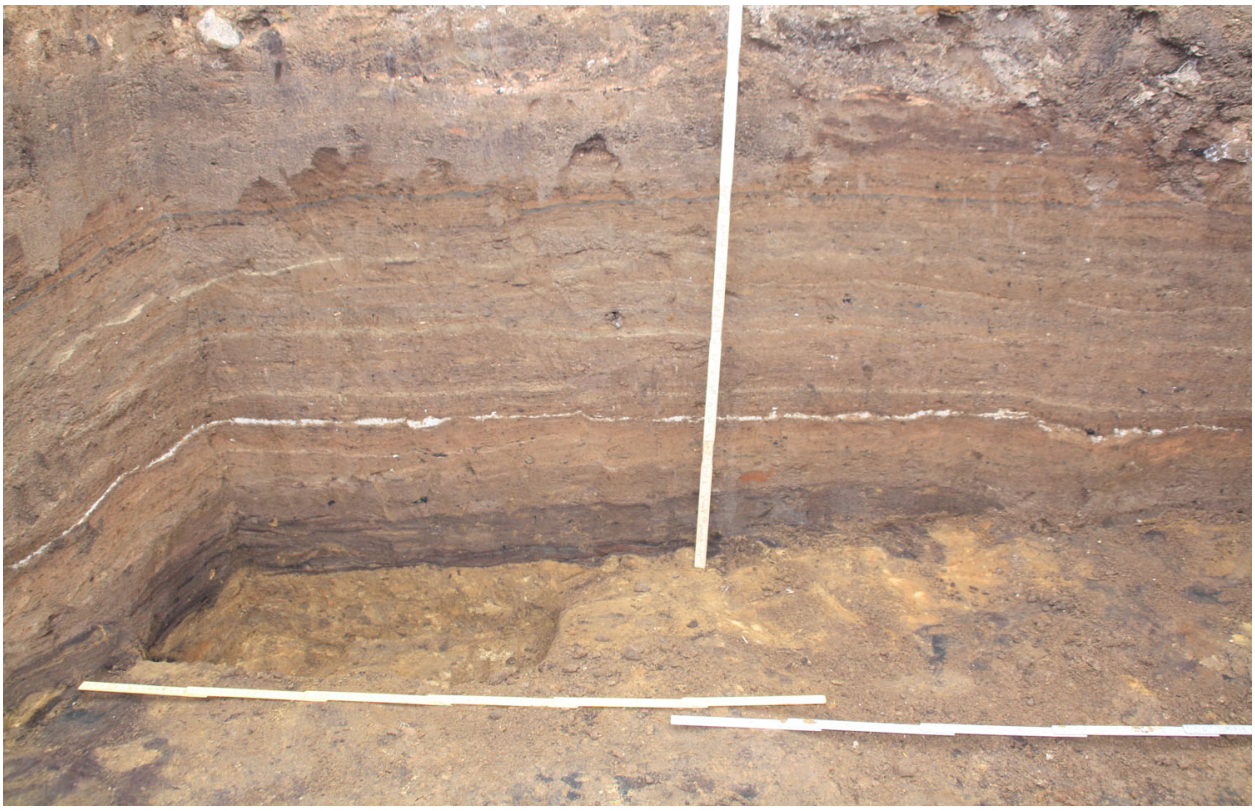


Figure 8. West wall

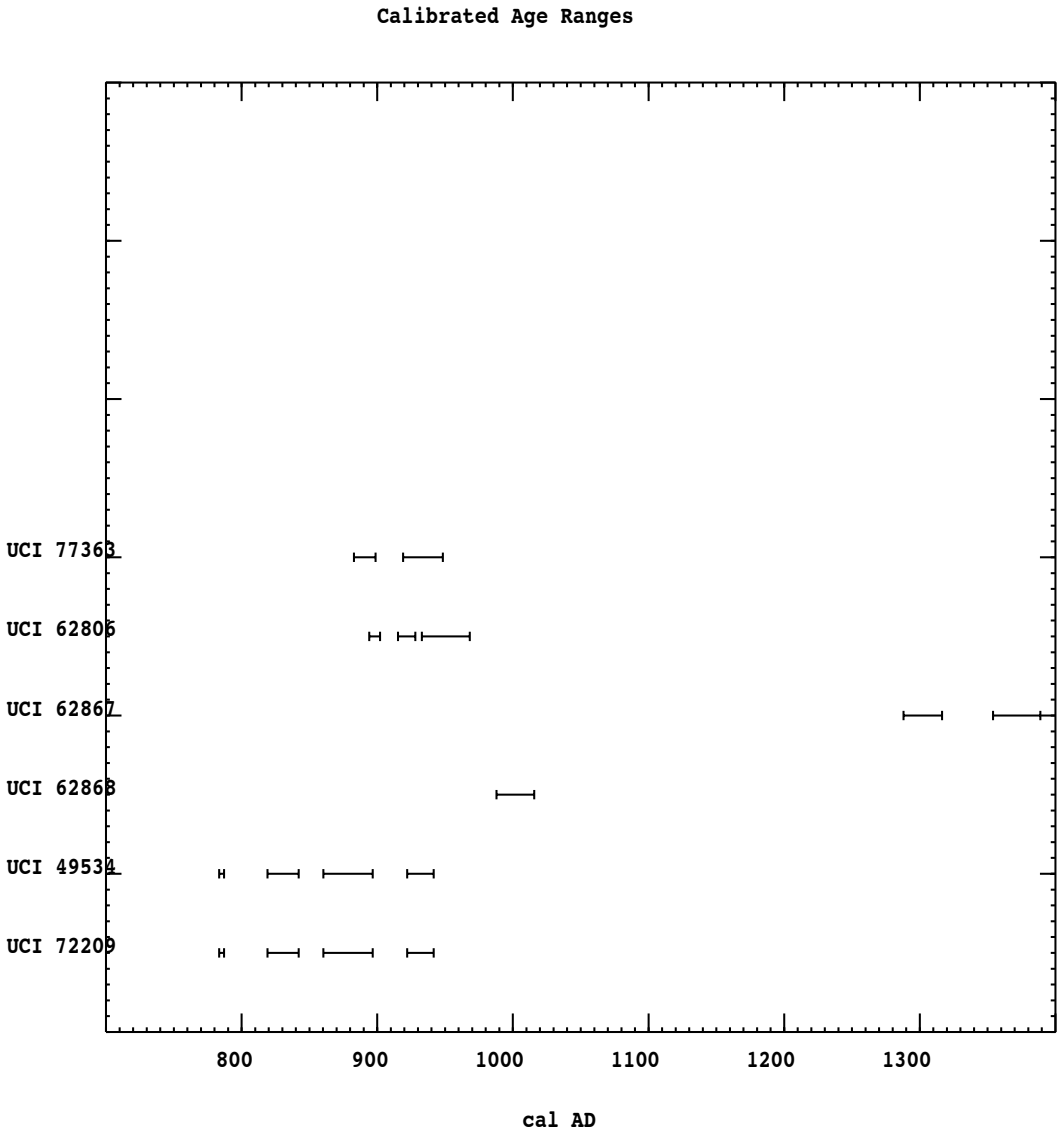


Figure 9. AMS dates from the Viking Age at Meðalheimur

SITE	FIND	AREA	CONTEXT
1006	88	C	202

MATERIAL TYPE	OBJECT TYPE	DESCRIPTION	ATTENTION
Metal	Copper fragment	copper pot fragment with	Y

DATE	ID	UNIQUE_ID	Conservation Date	Conservator
7/29/2009	ELB	1006C202F88	7/30/2009	Gregory Bailey

Material Characteristics

Copper metal fragment, dished, with eyebrow-shaped foot or projection, 90 x 85 x 27mm, 188.8g.

Condition

Dirt, corrosion present on all surfaces. Corrosion layers are bright green/blue granular over layer of black.

Storage Location

SASS 1006 2009 Box Metals Container

Treatment

Cleaned mechanically using bamboo skewers and soft hair bristle brush.

Storage Recommendations

Other Notes

Appears to be associated with 1006 finds # 91 and # 101, though they do not share break edges.

Image

SITE	FIND	AREA	CONTEXT
1006	89	C	202

MATERIAL TYPE	OBJECT TYPE	DESCRIPTION	ATTENTION
Metal	Copper fragment	thin pot fragment	Y

DATE	ID	UNIQUE_ID	Conservation Date	Conservator
7/29/2009	ELB	1006C202F89	7/30/2009	Gregory Bailey

Material Characteristics

Copper metal fragment, curved, with 4mm square hole with rounded corners punched in center, 35 x 25 x 1mm, 4.1g

Condition

Dirt, corrosion present on all surfaces. Plant fibers present, appear to be associated with the hole(s)

Storage Location

SASS 1006 2009 Box Metals Container

Treatment

Cleaned mechanically and corrosion reduced with bamboo skewers and soft hair bristle brush. Samples of plant fibers placed in 1ml vial and retained with object.

Storage Recommendations

Other Notes

Image

SITE	FIND	AREA	CONTEXT
1006	91	C	203

MATERIAL TYPE	OBJECT TYPE	DESCRIPTION	ATTENTION
Metal	copper fragment	Part of thin bowl?	Y

DATE	ID	UNIQUE_ID	Conservation Date	Conservator
7/29/2009	ELB	1006C203F91	7/2/2009	Gregory Bailey

Material Characteristics

Copper metal fragment, concave, with raised band on one side, 132 x 97 x 3mm

Condition

Dirt, corrosion, concretion present on all surfaces. Midden deposits (charcoal, peat ash, fiber, etc.) present on all surfaces.

Storage Location

SASS 1006 2009 Box Metals Container

Treatment

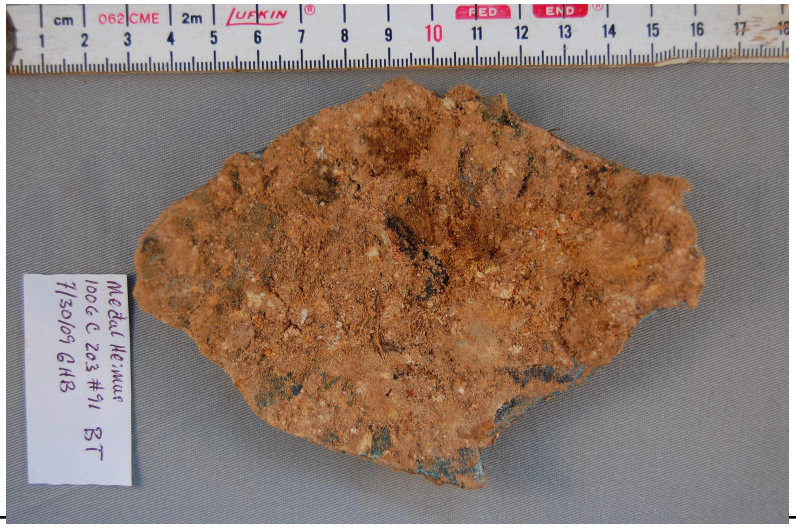
Dirt, concretion, and deposits reduced mechanically to reveal surface detail and topography. Cleaned mechanically using bamboo skewers and soft hair bristle brush. Not all concretion was removed, and samples of organic matter removed were stored in a 2.5ml sample vial and retained with the object. These samples include charcoal, peat ash, and plant or animal fibers.

Storage Recommendations

Other Notes

Appears to be associated with 1006 finds #88 and # 101, though they do not share break edges.

Image



Before treatment

Before treatment

SITE	FIND	AREA	CONTEXT
1006	92	C	203

MATERIAL TYPE	OBJECT TYPE	DESCRIPTION	ATTENTION
Textile	Wool?	wool fragments?	Y

DATE	ID	UNIQUE_ID	Conservation Date	Conservator
7/29/2009	ELB	1006C203F92	8/4/0009	Dennis Piechota

Material Characteristics

4 wool textile fragments, reddish in color, somewhat felted. May include hem or seam fragments. Measured along the warp and weft before treatment : 82 x 14mm; 56 x 11mm; 23 x 6mm; 23 x 7mm

Condition

Damp from excavation; dirt, midden deposits present on surface, some root hair penetration. Fragments are folded/wadded.

Storage Location

SASS 1006 2009 Organics Box 1

Treatment

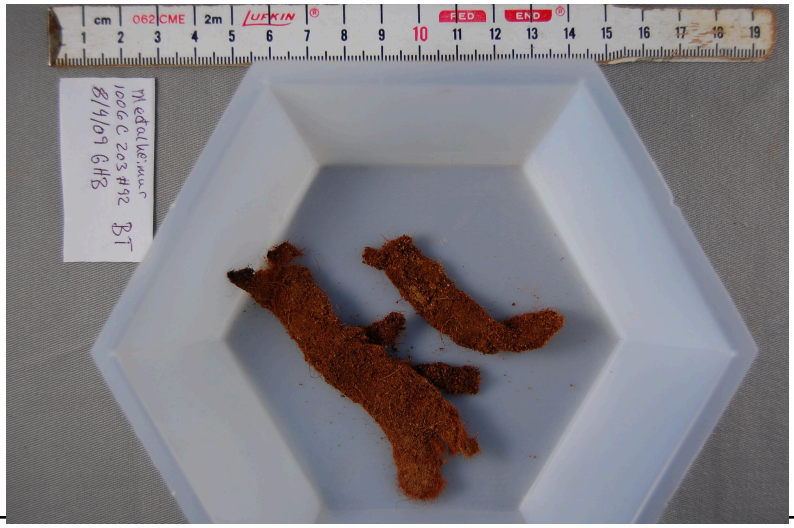
These textile fragments were field treated to remove bulk soil matrix and to relax wadded and folded fragments to allow for preliminary study. Each fragment was placed on a section of plastic window screening and immersed in a tray of deionized water to which a small amount of isopropyl alcohol had been added as a wetting agent. Both sides were repeatedly tamped with a soft brush to loosen adhering soil matrix and flushed with deionized water to clear the soiling. If necessary the fragment was transferred to a fresh water bath to continue the cleaning process. Creases in the fragment were teased open during the cleaning and substantially flattened. Following cleaning the fragment was de-watered in a small container of isopropyl alcohol to reduce the tendency of degraded felted wool to mat unnaturally. It was then air-dried to remove the alcohol and residual water.

Storage Recommendations

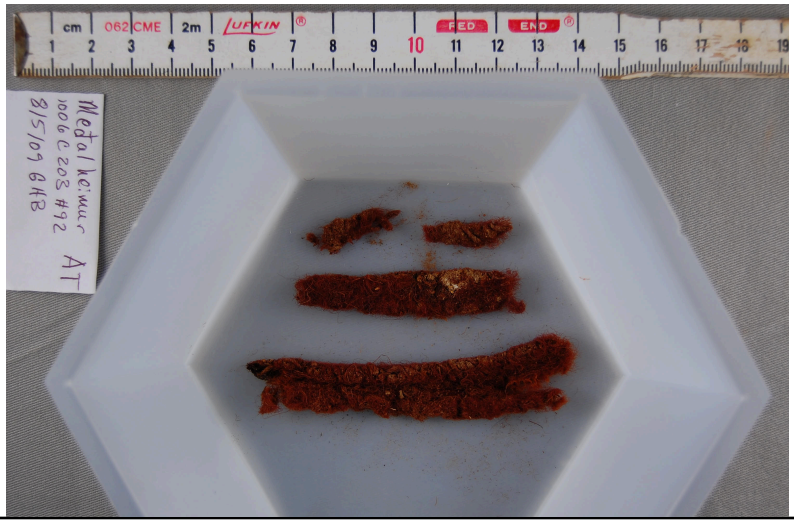
Keep flat, do not tilt

Other Notes

Image



Before treatment



SITE	FIND	AREA	CONTEXT
1006	93	C	203

MATERIAL TYPE	OBJECT TYPE	DESCRIPTION	ATTENTION
Textile	Wool?	wool fragment?	Y

DATE	ID	UNIQUE_ID	Conservation Date	Conservator
7/29/2009	ELB	1006C203F93	8/4/2009	Gregory Bailey

Material Characteristics

Wool textile fragment, reddish brown color, somewhat felted, possibly hem fragment, 86 x 18mm

Condition

Damp from excavation. Dirt, midden deposits present on all surfaces and within the weave. Some penetration of root hairs. Fragments folded/wadded.

Storage Location

SASS 1006 2009 Organics Box 1

Treatment

This textile fragment was field treated to remove bulk soil matrix and to relax wadded and folded fragments to allow for preliminary study. The fragment was placed on a section of plastic window screening and immersed in a tray of deionized water to which a small amount of isopropyl alcohol had been added as a wetting agent. Both sides were repeatedly tamped with a soft brush to loosen adhering soil matrix and flushed with deionized water to clear the soiling. Creases in the fragment were teased open during the cleaning and substantially flattened. Following cleaning the fragment was de-watered in a small container of isopropyl alcohol to reduce the tendency of degraded felted wool to mat unnaturally. It was then air-dried to remove the alcohol and residual water.

Storage Recommendations

Keep flat, do not tilt

Other Notes

Image

Before treatment

After treatment

SITE	FIND	AREA	CONTEXT
1006	94	C	203

MATERIAL TYPE	OBJECT TYPE	DESCRIPTION	ATTENTION
Textile	fragment	visible weave - linen?	Y

DATE	ID	UNIQUE_ID	Conservation Date	Conservator
7/29/2009	ELB	1006C203F94	8/4/2009	Dennis Piechota

Material Characteristics

Wool textile fragment, plain weave, measured along warp and weft before treatment, 78 mm x 32mm.

Condition

Dirt accumulation, midden deposits present on all surfaces and within the weave. Some penetration of root hairs. Fragment folded/wadded.

Storage Location

SASS 1006 2009 Organics Box 1

Treatment

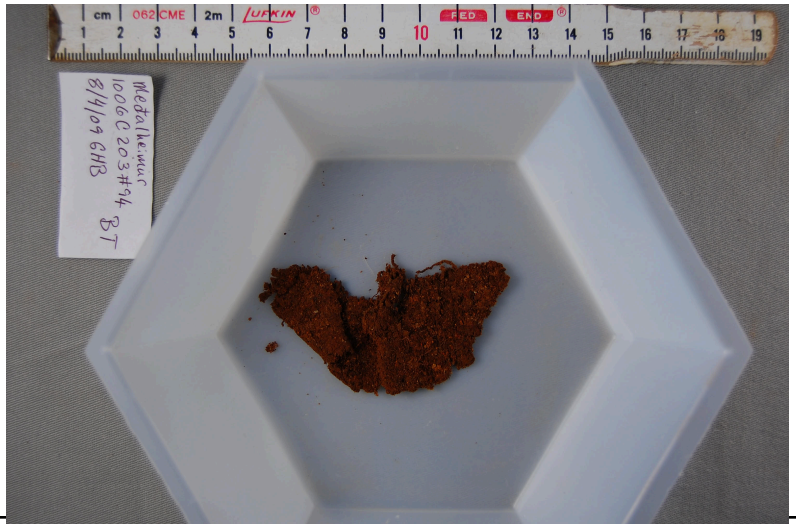
These textile fragments were field treated to remove bulk soil matrix and to relax wadded and folded fragments to allow for preliminary study.
Each fragment was placed on a section of plastic window screening and immersed in a tray of deionized water to which a small amount of isopropyl alcohol had been added as a wetting agent. Both sides were repeatedly tamped with a soft brush to loosen adhering soil matrix and flushed with deionized water to clear the soiling. If necessary the fragment was transferred to a fresh water bath to continue the cleaning process. Creases in the fragment were teased open during the cleaning and substantially flattened.
Following cleaning the fragment was de-watered in a small container of isopropyl alcohol to reduce the tendency of degraded felted wool to mat unnaturally. It was then air-dried to remove the alcohol and residual water.

Storage Recommendations

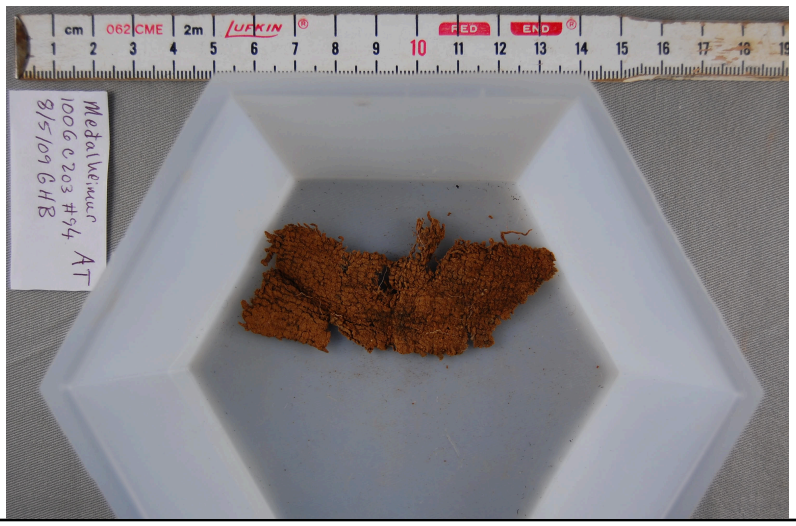
Keep flat, do not tilt

Other Notes

Image



Before treatment



After treatment

SITE	FIND	AREA	CONTEXT
1006	95	C	203

MATERIAL TYPE	OBJECT TYPE	DESCRIPTION	ATTENTION
Textile	wool?	2 fabric fragments	Y

DATE	ID	UNIQUE_ID	Conservation Date	Conservator
7/29/2009	ELB	1006C203F95	8/4/2009	Gregory Bailey

Material Characteristics

3 fragments wool textile, reddish brown color, 1 rectangular, somewhat felted fragment, possibly twill weave, 41 x 32mm; 1 triangular twill weave fragment, 67 x 42mm; 1 triangular fragment, somewhat felted, possibly twill weave, 66 x 36mm

Condition

Damp from excavation. Dirt, midden deposits present on all surfaces and within the weave. Some penetration of root hairs. Fragments folded/wadded.

Storage Location

SASS 1006 2009 Organics Box 1

Treatment

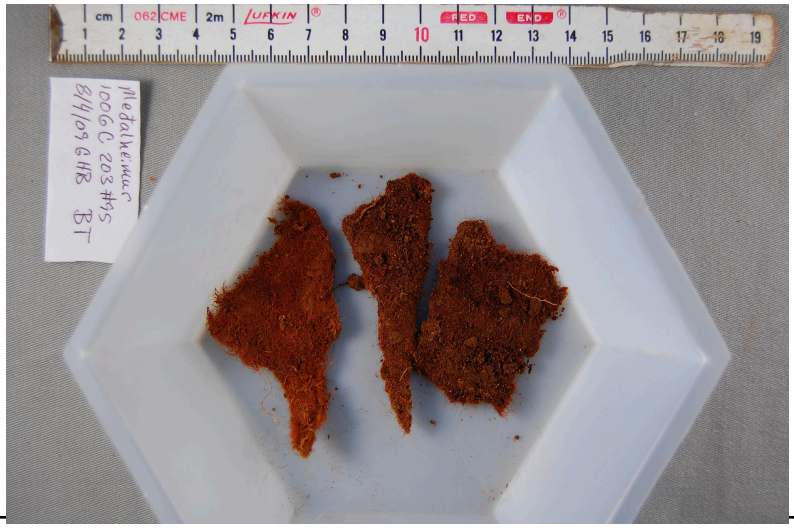
These textile fragments were field treated to remove bulk soil matrix and to relax wadded and folded fragments to allow for preliminary study. Each fragment was placed on a section of plastic window screening and immersed in a tray of deionized water to which a small amount of isopropyl alcohol had been added as a wetting agent. Both sides were repeatedly tamped with a soft brush to loosen adhering soil matrix and flushed with deionized water to clear the soiling. If necessary the fragment was transferred to a fresh water bath to continue the cleaning process. Creases in the fragment were teased open during the cleaning and substantially flattened. Following cleaning the fragment was de-watered in a small container of isopropyl alcohol to reduce the tendency of degraded felted wool to mat unnaturally. It was then air-dried to remove the alcohol and residual water.

Storage Recommendations

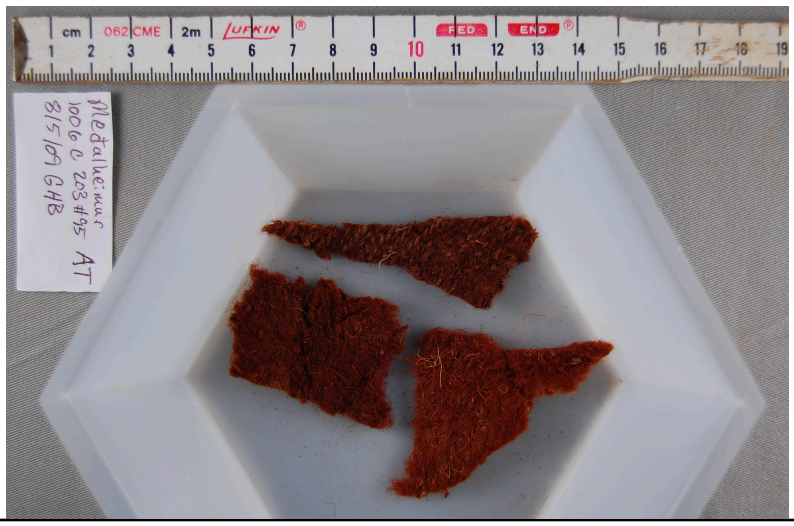
Keep flat, do not tilt

Other Notes

Image



Before treatment



After treatment

SITE	FIND	AREA	CONTEXT
1006	96	C	203

MATERIAL TYPE	OBJECT TYPE	DESCRIPTION	ATTENTION
Textile	fabric fragment	black linen? visible	Y

DATE	ID	UNIQUE_ID	Conservation Date	Conservator
7/29/2009	AXS	1006C203F96	8/4/2009	Dennis Piechota

Material Characteristics

2 wool textile fragments, plain weave, black color, measured along warp and weft: 60x x37mm; 22 x 15mm

Condition

Dirt, midden deposits present on all surfaces and within the weave. Some penetration of root hairs. Fragments folded/wadded.

Storage Location

SASS 1006 2009 Organics Box 1

Treatment

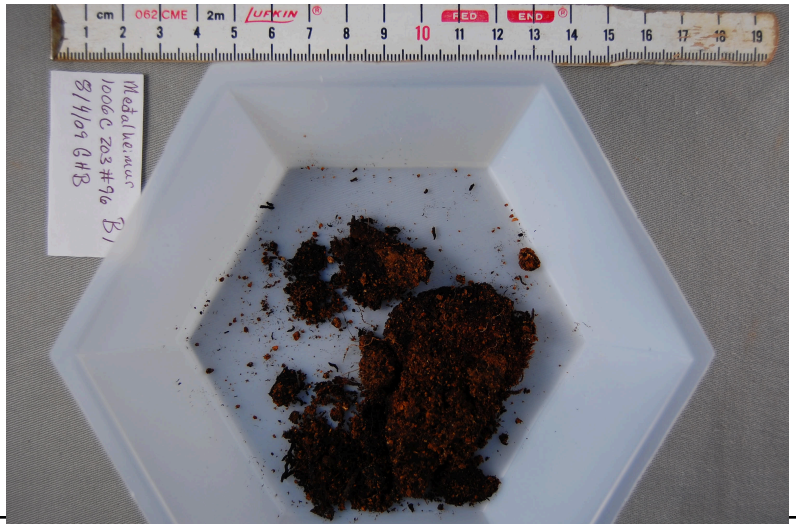
These textile fragments were field treated to remove bulk soil matrix and to relax wadded and folded fragments to allow for preliminary study.
Each fragment was placed on a section of plastic window screening and immersed in a tray of deionized water to which a small amount of isopropyl alcohol had been added as a wetting agent. Both sides were repeatedly tamped with a soft brush to loosen adhering soil matrix and flushed with deionized water to clear the soiling. If necessary the fragment was transferred to a fresh water bath to continue the cleaning process. Creases in the fragment were teased open during the cleaning and substantially flattened.
Following cleaning the fragment was de-watered in a small container of isopropyl alcohol to reduce the tendency of degraded felted wool to mat unnaturally. It was then air-dried to remove the alcohol and residual water.

Storage Recommendations

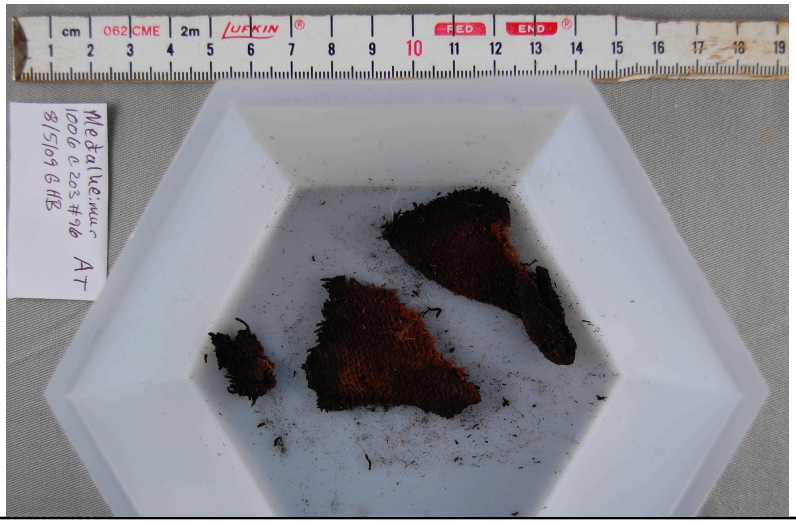
Keep flat, do not tilt

Other Notes

Image



Before treatment



After treatment

SITE	FIND	AREA	CONTEXT
1006	97	C	203

MATERIAL TYPE	OBJECT TYPE	DESCRIPTION	ATTENTION
Textile	wool fragments?	wool frags	Y

DATE	ID	UNIQUE_ID	Conservation Date	Conservator
7/29/2009	AXS	1006C203F97	8/12/2009	Gregory Bailey

Material Characteristics

Two fragments of wool textile

Condition

Damp from excavation; dirt, midden deposits present on surface, some root hair penetration. Fragments are folded/wadded.

Storage Location

SASS 1006 2009 Organics Box 1

Treatment

These textile fragments were field treated to remove bulk soil matrix and to relax wadded and folded fragments to allow for preliminary study. Each fragment was placed on a section of plastic window screening and immersed in a tray of deionized water to which a small amount of isopropyl alcohol had been added as a wetting agent. Both sides were repeatedly tamped with a soft brush to loosen adhering soil matrix and flushed with deionized water to clear the soiling. If necessary the fragment was transferred to a fresh water bath to continue the cleaning process. Creases in the fragment were teased open during the cleaning and substantially flattened. Following cleaning the fragment was de-watered in a small container of isopropyl alcohol to reduce the tendency of degraded felted wool to mat unnaturally. It was then air-dried to remove the alcohol and residual water.

Storage Recommendations

Keep flat, do not tilt

Other Notes

Image

Before treatment

SITE	FIND	AREA	CONTEXT
1006	98	C	203

MATERIAL TYPE	OBJECT TYPE	DESCRIPTION	ATTENTION
Textile	wool?	wool frags	Y

DATE	ID	UNIQUE_ID	Conservation Date	Conservator
7/29/2009	ELB	1006C203F98		

Material Characteristics

Large wool textile, twill weave, somewhat felted, reddish color, remnants of sewing along side edges

Condition

Damp from excavation; dirt, midden deposits present on surface, some root hair penetration. Fragments are folded/wadded.

Storage Location

SASS 1006 2009 Organics Box 2

Treatment

These textile fragments were field treated to remove bulk soil matrix and to relax wadded and folded fragments to allow for preliminary study. Each fragment was placed on a section of plastic window screening and immersed in a tray of deionized water to which a small amount of isopropyl alcohol had been added as a wetting agent. Both sides were repeatedly tamped with a soft brush to loosen adhering soil matrix and flushed with deionized water to clear the soiling. If necessary the fragment was transferred to a fresh water bath to continue the cleaning process. Creases in the fragment were teased open during the cleaning and substantially flattened. Following cleaning the fragment was de-watered in a small container of isopropyl alcohol to reduce the tendency of degraded felted wool to mat unnaturally. It was then air-dried to remove the alcohol and residual water.

Storage Recommendations

Other Notes

Image

Before treatment

SITE	FIND	AREA	CONTEXT
1006	99	C	203

MATERIAL TYPE	OBJECT TYPE	DESCRIPTION	ATTENTION
Textile	wool?	fragments	Y

DATE	ID	UNIQUE_ID	Conservation Date	Conservator
7/30/2009	AXS	1006C203F99	8/4/2009	Dennis Piechota

Material Characteristics

Wool, reddish color, likely roving: washed and carded but unspun, approximately 102 x 58 mm before treatment

Condition

Damp from excavation. Dirt, midden deposits present on all surfaces and within the fibers. Some penetration of root hairs. Fragments folded/wadded.

Storage Location

SASS 1006 2009 Organics Box 3

Treatment

This fiber sample was field treated to remove bulk soil matrix and to relax wadded and folded fragments to allow for preliminary study. The sample was placed on a section of plastic window screening and immersed in a tray of deionized water to which a small amount of isopropyl alcohol had been added as a wetting agent. Both sides were repeatedly tamped with a soft brush to loosen adhering soil matrix and flushed with deionized water to clear the soiling. Creases in the fragment were teased open during the cleaning and substantially flattened. Following cleaning the sample was de-watered in a small container of isopropyl alcohol to reduce the tendency of degraded felted wool to mat unnaturally. It was then air-dried to remove the alcohol and residual water.

Storage Recommendations

Other Notes

This sample shows alignment of fibers and possibly evidence of dyeing, but does not appear to have been spun into yarn. The

Image

Before treatment

After treatment

SITE	FIND	AREA	CONTEXT
1006	100	C	203

MATERIAL TYPE	OBJECT TYPE	DESCRIPTION	ATTENTION
Textile	wool?	fragments	Y

DATE	ID	UNIQUE_ID	Conservation Date	Conservator
7/30/2009	ELB	1006C203F100	8/4/2009	Gregory Bailey

Material Characteristics

Wool textile fragment, herringbone twill weave, brown color, approximately 90 x 27mm before treatment.

Condition

Damp from excavation. Dirt, midden deposits present on all surfaces and within the weave. Some penetration of root hairs. Fragments folded/wadded.

Storage Location

SASS 1006 2009 Organics Box 3

Treatment

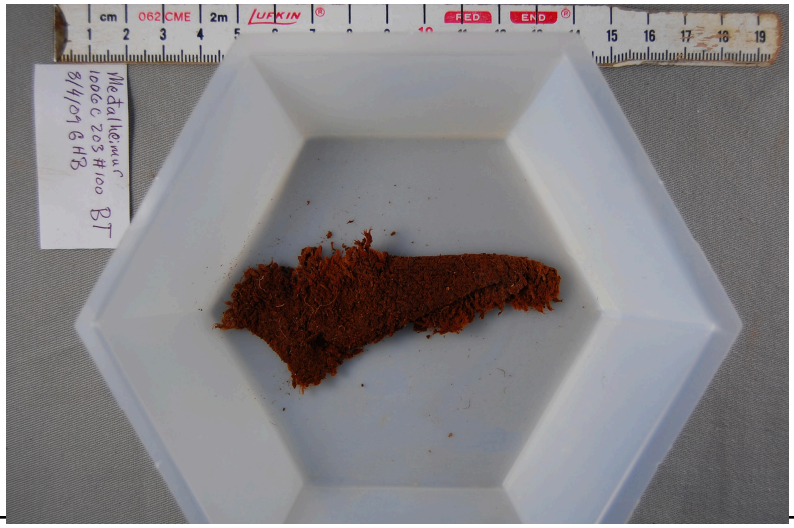
This textile fragment was field treated to remove bulk soil matrix and to relax wadded and folded areas to allow for preliminary study. The fragment was placed on a section of plastic window screening and immersed in a tray of deionized water to which a small amount of isopropyl alcohol had been added as a wetting agent. Both sides were repeatedly tamped with a soft brush to loosen adhering soil matrix and flushed with deionized water to clear the soiling. Creases in the fragment were teased open during the cleaning and substantially flattened. Following cleaning the fragment was de-watered in a small container of isopropyl alcohol to reduce the tendency of degraded felted wool to mat unnaturally. It was then air-dried to remove the alcohol and residual water.

Storage Recommendations

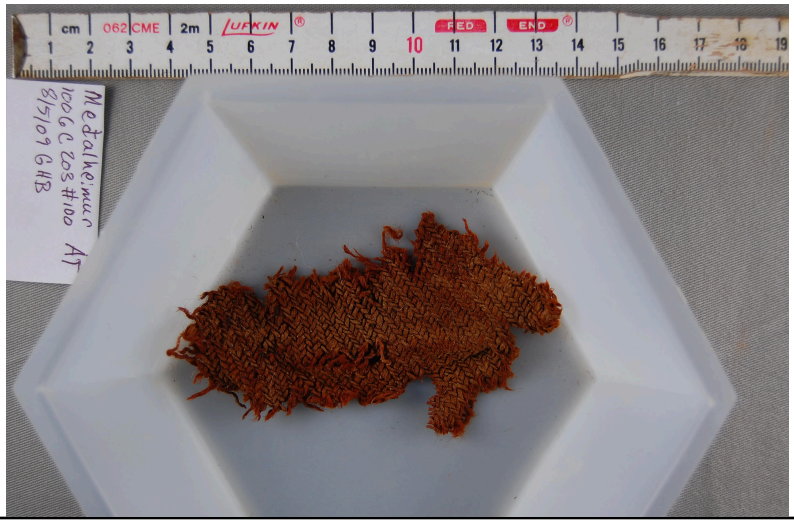
Keep flat, do not tilt

Other Notes

Image



Before treatment



After treatment

SITE	FIND	AREA	CONTEXT
1006	101	C	204

MATERIAL TYPE	OBJECT TYPE	DESCRIPTION	ATTENTION
Metal	copper fragment	copper piece from	Y

DATE	ID	UNIQUE_ID	Conservation Date	Conservator
7/30/2009	ARY	1006C204F101	7/30/2009	Gregory Bailey

Material Characteristics

Copper metal fragment, concave, with raised band on one surface, 36 x 21 x 3mm, 12.3g

Condition

Dirt, midden (organics, peat ash, etc.), corrosion present on all surfaces.

Storage Location

SASS 1006 2009 Box Metals Container

Treatment

Cleaned mechanically using bamboo skewers and soft nylon bristle brush. Samples of fibers and organics placed in 1ml vial and retained with object.

Storage Recommendations

Other Notes

Appears to be associated with 1006 finds # 91 and # 88, though they do not share break edges.

Image

SITE	FIND	AREA	CONTEXT
1006	102	C	204

MATERIAL TYPE	OBJECT TYPE	DESCRIPTION	ATTENTION
Metal	iron fragment	fragment under 5 cm	Y

DATE	ID	UNIQUE_ID	Conservation Date	Conservator
7/30/2009	ARY	1006C204F102	7/30/2009	Gregory Bailey

Material Characteristics

Copper metal fragment, appears possibly to be flattened oval pan or lid, with fibers, organics, and black tar-like (pitch?) materials on the surface, 64 x 52 x 8mm, 28.8g, with 9mm section of S-twist cordage or yarn.

Condition

Dirt, corrosion, concretion, midden deposits present on all surfaces.

Storage Location

SASS 1006 2009 Box Metals Container

Treatment

Cleaned mechanically using bamboo skewers and soft hair bristle brush. Samples of surface material removed were placed in 2.5ml vial and retained with object. Section of cordage or yarn placed in 1ml vial and retained with object.

Storage Recommendations

Other Notes

Image

SITE	FIND	AREA	CONTEXT
1006	103	C	204

MATERIAL TYPE	OBJECT TYPE	DESCRIPTION	ATTENTION
Lithic	whetstone	fragment of small	N

DATE	ID	UNIQUE_ID	Conservation Date	Conservator
7/30/2009	ARY	1006C204F103	7/30/2009	Gregory Bailey

Material Characteristics	Condition	Storage Location	Treatment
Stone, possibly whetstone fragment, rounded rectangle in cross-section, 38 x 18 x 6mm, 13.7g	Dirt present on all surfaces, one break edge.	SASS 1006 2009 Box	Cleaned mechanically using a soft nylon bristle brush.

Storage Recommendations

Other Notes

Image

SITE	FIND	AREA	CONTEXT
1006	104	C	204

MATERIAL TYPE	OBJECT TYPE	DESCRIPTION	ATTENTION
Leather	Fragment	Square piece of leather	Y

DATE	ID	UNIQUE_ID	Conservation Date	Conservator
7/30/2009	ELB	1006C204F104	8/11/2009	Gregory Bailey

Material Characteristics

Leather fragment, may show signs of stitching along one side

Condition

Brittle, some mold activity, warped, dirt/deposits present on all surfaces.

Storage Location

SASS 1006 2009 Organics Box 3

Treatment

Cleaned mechanically with soft hair bristle brush to reduce surface dirt. Placed in humidity chamber with deionized water and isopropyl alcohol to hunidify before flattening and discourage mold growth for three days. Removed and gently flattened, then allowed to dry to ambient conditions overnight.

Storage Recommendations

Other Notes

Image

Before treatment

SITE	FIND	AREA	CONTEXT
1006	105	C	204

MATERIAL TYPE	OBJECT TYPE	DESCRIPTION	ATTENTION
Metal	Iron nail	Iron nail	Y

DATE	ID	UNIQUE_ID	Conservation Date	Conservator
7/30/2009	ARY	1006C204F105	7/30/2009	Gregory Bailey

Material Characteristics

Iron nail, 43 x 18 x 10mm, 9.1g

Condition

Dirt, corrosion present on 90% of surfaces.

Storage Location

SASS 1006 2009 Box Metals Box

Treatment

Cleaned mechanically using bamboo skewers and soft nylon bristle brush. The object was then scrubbed gently with a stiff nylon bristle brush under running tap water. After wrapping in aluminum foil, the object was immersed in a galvanic bath (5% by weight sodium carbonate in deionized water) beginning. After one week, object was removed and scrubbed with a nylon bristle brush. The object was allowed to dry over night, and then placed in a low concentration (~1% by weight) solution of tannic acid in deionized water. After three days, the object was removed and scrubbed once again, then left to dry. After drying, two final treatments of tannic acid solution (10% by weight in deionized water with a small amount of isopropyl alcohol) were applied, with approximately 3 hours between applications.

Storage Recommendations

Other Notes

Image

Before treatment

SITE	FIND	AREA	CONTEXT
1006	106	C	204

MATERIAL TYPE	OBJECT TYPE	DESCRIPTION	ATTENTION
Lithic	quern?	heavy, concave, worn	N

DATE	ID	UNIQUE_ID	Conservation Date	Conservator
7/30/2009	AXS	1006C204F106	7/31/2009	Gregory Bailey

Material Characteristics	Condition	Storage Location	Treatment
Worked stone fragment, concave,	Dirt, charcoal, midden deposits, organic materials present on all surfaces. Damp from excavation.	SASS 1006 2009 Box	Object was left to air dry for three days. This object was not cleaned, to preserve any use/context information present in the materials deposited on the surface.

Storage Recommendations

Other Notes

Image

Before treatment

Before treatment

SITE	FIND	AREA	CONTEXT
1006	109	C	205

MATERIAL TYPE	OBJECT TYPE	DESCRIPTION	ATTENTION
Textile	Fragments	Pieces of cloth	Y

DATE	ID	UNIQUE_ID	Conservation Date	Conservator
7/31/2009	ELB	1006C205F109	8/12/2009	Gregory Bailey

Material Characteristics

Number of wool textile fragments

Condition

Damp from excavation; dirt, midden deposits present on surface, some root hair penetration. Fragments are folded/wadded.

Storage Location

SASS 1006 2009 Organics Box 3

Treatment

These textile fragments were field treated to remove bulk soil matrix and to relax wadded and folded fragments to allow for preliminary study. Each fragment was placed on a section of plastic window screening and immersed in a tray of deionized water to which a small amount of isopropyl alcohol had been added as a wetting agent. Both sides were repeatedly tamped with a soft brush to loosen adhering soil matrix and flushed with deionized water to clear the soiling. If necessary the fragment was transferred to a fresh water bath to continue the cleaning process. Creases in the fragment were teased open during the cleaning and substantially flattened. Following cleaning the fragment was de-watered in a small container of isopropyl alcohol to reduce the tendency of degraded felted wool to mat unnaturally. It was then air-dried to remove the alcohol and residual water.

Storage Recommendations

Keep flat, do not tilt

Other Notes

Image

Before treatment

SITE	FIND	AREA	CONTEXT
1006	110	C	205

MATERIAL TYPE	OBJECT TYPE	DESCRIPTION	ATTENTION
Leather		Thin square piece of	Y

DATE	ID	UNIQUE_ID	Conservation Date	Conservator
7/31/2009	ELB	1006C205F110	8/11/2009	Gregory Bailey

Material Characteristics	Condition	Storage Location	Treatment
Leather fragment	Thin, torn, brittle, damp, surface dirt/deposits present on all surfaces	SASS 1006 2009 Organics Box 3	Cleaned mechanically using soft hair bristle brush to reduce surface soiling, then placed in a humidity chamber for three days with deionized water and isopropyl alcohol. Removed and gently flattened, then allowed to dry to ambient conditions overnight.

Storage Recommendations

Monitor for mold

Other Notes

Further treatment/assessment recommended

Image

Before treatment

SITE	FIND	AREA	CONTEXT
1006	111	C	205

MATERIAL TYPE	OBJECT TYPE	DESCRIPTION	ATTENTION
Textile		Wool string	Y

DATE	ID	UNIQUE_ID	Conservation Date	Conservator
7/31/2009	AXS	1006C205F111	8/4/2009	Dennis Piechota

Material Characteristics

Wool yarn, reddish color, 103 x 5mm

Condition

Damp from excavation. Dirt, midden deposits present on all surfaces and within the fibers. Folded/wadded.

Storage Location

SASS 1006 2009 Organics Box 3

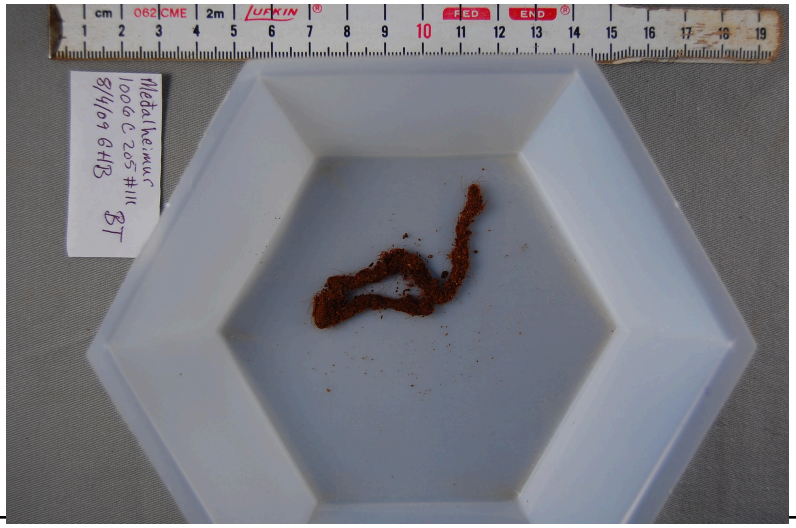
Treatment

This wool fragment was field treated to remove bulk soil matrix and to relax wadded and folded portions to allow for preliminary study.
This object was placed on a section of plastic window screening and immersed in a tray of deionized water to which a small amount of isopropyl alcohol had been added as a wetting agent. Both sides were repeatedly tamped with a soft brush to loosen adhering soil matrix and flushed with deionized water to clear the soiling. Creases were teased open during the cleaning and substantially flattened.
Following cleaning the object was de-watered in a small container of isopropyl alcohol to reduce the tendency of degraded felted wool to mat unnaturally. It was then air-dried to remove the alcohol and residual water.

Storage Recommendations

Other Notes

Image



Before treatment

After treatment

SITE	FIND	AREA	CONTEXT
1006	112	C	205

MATERIAL TYPE	OBJECT TYPE	DESCRIPTION	ATTENTION
Textile		Fragments of reddish	Y

DATE	ID	UNIQUE_ID	Conservation Date	Conservator
7/31/2009	ELB	1006C205F112	8/12/2009	Gregory Bailey

Material Characteristics

Number of wool textile fragments

Condition

Damp from excavation; dirt, midden deposits present on surface, some root hair penetration. Fragments are folded/wadded.

Storage Location

SASS 1006 2009 Organics Box 3

Treatment

These textile fragments were field treated to remove bulk soil matrix and to relax wadded and folded fragments to allow for preliminary study. Each fragment was placed on a section of plastic window screening and immersed in a tray of deionized water to which a small amount of isopropyl alcohol had been added as a wetting agent. Both sides were repeatedly tamped with a soft brush to loosen adhering soil matrix and flushed with deionized water to clear the soiling. If necessary the fragment was transferred to a fresh water bath to continue the cleaning process. Creases in the fragment were teased open during the cleaning and substantially flattened. Following cleaning the fragment was de-watered in a small container of isopropyl alcohol to reduce the tendency of degraded felted wool to mat unnaturally. It was then air-dried to remove the alcohol and residual water.

Storage Recommendations

Keep flat, do not tilt

Other Notes

Image

SITE	FIND	AREA	CONTEXT
1006	113	C	205

MATERIAL TYPE	OBJECT TYPE	DESCRIPTION	ATTENTION
Textile		Pieces of reddish cloth	Y

DATE	ID	UNIQUE_ID	Conservation Date	Conservator
7/31/2009	ELB	1006C205F113	8/4/2009	Dennis Piechota

Material Characteristics

5 fragments wool textile, reddish color, somewhat felted, some fragments may be herringbone twill weave, hem fragmetns may be included. Before treatment, measured along warp and weft: 78 x 30mm; 67 x 20mm; 43 x 24mm; 80 x 27mm; 22 x 16mm.

Condition

Damp from excavation. Dirt, midden deposits present on all surfaces and within the weave. Some penetration of root hairs. Fragments folded/wadded.

Storage Location

SASS 1006 2009 Organics Box 3

Treatment

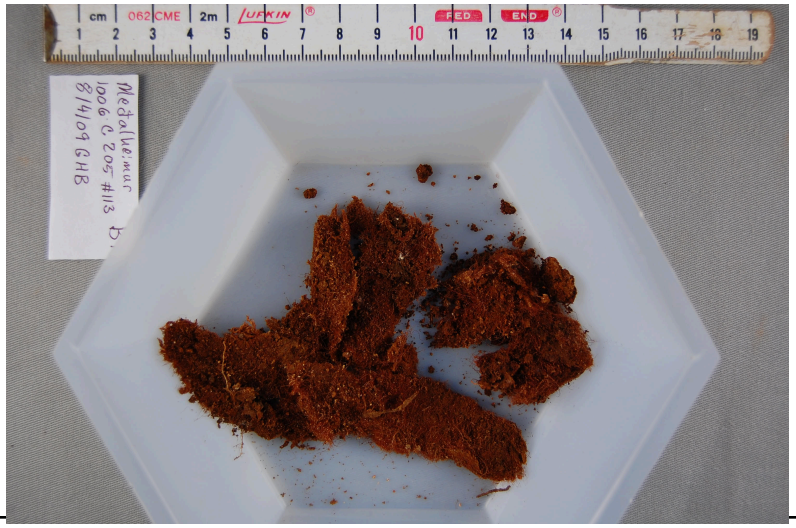
These textile fragments were field treated to remove bulk soil matrix and to relax wadded and folded fragments to allow for preliminary study. Each fragment was placed on a section of plastic window screening and immersed in a tray of deionized water to which a small amount of isopropyl alcohol had been added as a wetting agent. Both sides were repeatedly tamped with a soft brush to loosen adhering soil matrix and flushed with deionized water to clear the soiling. If necessary the fragment was transferred to a fresh water bath to continue the cleaning process. Creases in the fragment were teased open during the cleaning and substantially flattened. Following cleaning the fragment was de-watered in a small container of isopropyl alcohol to reduce the tendency of degraded felted wool to mat unnaturally. It was then air-dried to remove the alcohol and residual water.

Storage Recommendations

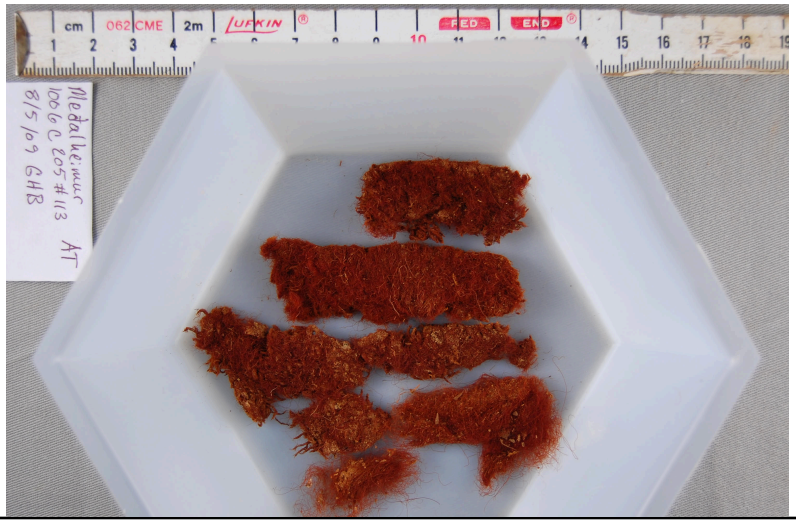
Keep flat, do not tilt

Other Notes

Image



Before treatment



After treatment

SITE	FIND	AREA	CONTEXT
1006	114	C	205

MATERIAL TYPE	OBJECT TYPE	DESCRIPTION	ATTENTION
Textile		Pieces of reddish cloth	Y

DATE	ID	UNIQUE_ID	Conservation Date	Conservator
7/31/2009	ELB	1006C205F114	8/4/2009	Dennis Piechota

Material Characteristics

2 wool textile fragments, reddish color, 1 plain weave, measured along warp and weft before treatment, 91 x 44mm; 1 herring bone twill weave, measured along warp and weft before treatment, 73 x 35mm

Condition

Damp from excavation. Dirt, midden deposits present on all surfaces and within the weave. Some penetration of root hairs. Fragments folded/wadded.

Storage Location

SASS 1006 2009 Organics Box 3

Treatment

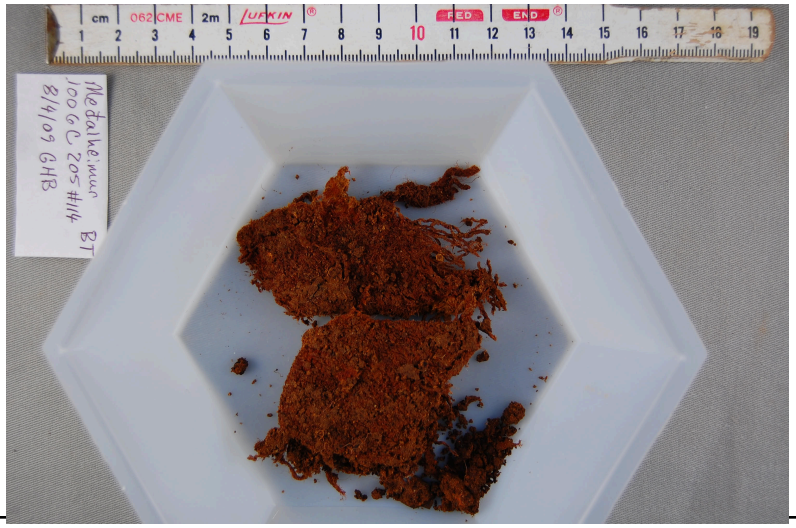
These textile fragments were field treated to remove bulk soil matrix and to relax wadded and folded fragments to allow for preliminary study. Each fragment was placed on a section of plastic window screening and immersed in a tray of deionized water to which a small amount of isopropyl alcohol had been added as a wetting agent. Both sides were repeatedly tamped with a soft brush to loosen adhering soil matrix and flushed with deionized water to clear the soiling. If necessary the fragment was transferred to a fresh water bath to continue the cleaning process. Creases in the fragment were teased open during the cleaning and substantially flattened. Following cleaning the fragment was de-watered in a small container of isopropyl alcohol to reduce the tendency of degraded felted wool to mat unnaturally. It was then air-dried to remove the alcohol and residual water.

Storage Recommendations

Keep flat, do not tilt

Other Notes

Image



Before treatment

After treatment

SITE	FIND	AREA	CONTEXT
1006	116	C	206

MATERIAL TYPE	OBJECT TYPE	DESCRIPTION	ATTENTION
Textile		Pieces of wool from	Y

DATE	ID	UNIQUE_ID	Conservation Date	Conservator
7/31/2009	ARY	1006C206F116		

Material Characteristics

Number of wool textile fragments from screen

Condition

Damp from excavation; dirt, midden deposits present on surface, some root hair penetration. Fragments are folded/wadded.

Storage Location

SASS 1006 2009 Organics Box 4

Treatment

These textile fragments were field treated to remove bulk soil matrix and to relax wadded and folded fragments to allow for preliminary study. Each fragment was placed on a section of plastic window screening and immersed in a tray of deionized water to which a small amount of isopropyl alcohol had been added as a wetting agent. Both sides were repeatedly tamped with a soft brush to loosen adhering soil matrix and flushed with deionized water to clear the soiling. If necessary the fragment was transferred to a fresh water bath to continue the cleaning process. Creases in the fragment were teased open during the cleaning and substantially flattened. Following cleaning the fragment was de-watered in a small container of isopropyl alcohol to reduce the tendency of degraded felted wool to mat unnaturally. It was then air-dried to remove the alcohol and residual water.

Storage Recommendations

Keep flat, do not tilt

Other Notes

Image

Before treatment

SITE	FIND	AREA	CONTEXT
1006	117	C	206

MATERIAL TYPE	OBJECT TYPE	DESCRIPTION	ATTENTION
Textile		Pieces of cloth	Y

DATE	ID	UNIQUE_ID	Conservation Date	Conservator
7/31/2009	AXS	1006C206F117	8/12/2009	Gregory Bailey

Material Characteristics

5 fragments of wool textile

Condition

Damp from excavation; dirt, midden deposits present on surface, some root hair penetration. Fragments are folded/wadded.

Storage Location

SASS 1006 2009 Organics Box 4

Treatment

These textile fragments were field treated to remove bulk soil matrix and to relax wadded and folded fragments to allow for preliminary study. Each fragment was placed on a section of plastic window screening and immersed in a tray of deionized water to which a small amount of isopropyl alcohol had been added as a wetting agent. Both sides were repeatedly tamped with a soft brush to loosen adhering soil matrix and flushed with deionized water to clear the soiling. If necessary the fragment was transferred to a fresh water bath to continue the cleaning process. Creases in the fragment were teased open during the cleaning and substantially flattened. Following cleaning the fragment was de-watered in a small container of isopropyl alcohol to reduce the tendency of degraded felted wool to mat unnaturally. It was then air-dried to remove the alcohol and residual water.

Storage Recommendations

Keep flat, do not tilt

Other Notes

Image

SITE	FIND	AREA	CONTEXT
1006	118	C	206

MATERIAL TYPE	OBJECT TYPE	DESCRIPTION	ATTENTION
Textile		Pieces of cloth	Y

DATE	ID	UNIQUE_ID	Conservation Date	Conservator
8/1/2009	ELB	1006C206F118	8/4/2009	Gregory Bailey

Material Characteristics

Wool textile fragment, reddish brown color, plain weave, folded several times, 64 x 45mm before treatment

Condition

Damp from excavation. Dirt, midden deposits present on all surfaces and within the weave. Some penetration of root hairs. Fragments folded/wadded.

Storage Location

SASS 1006 2009 Organics Box 4

Treatment

This textile fragment was field treated to remove bulk soil matrix and to relax wadded and folded areas to allow for preliminary study. The fragment was placed on a section of plastic window screening and immersed in a tray of deionized water to which a small amount of isopropyl alcohol had been added as a wetting agent. Both sides were repeatedly tamped with a soft brush to loosen adhering soil matrix and flushed with deionized water to clear the soiling. Creases in the fragment were teased open during the cleaning and substantially flattened. Following cleaning the fragment was de-watered in a small container of isopropyl alcohol to reduce the tendency of degraded felted wool to mat unnaturally. It was then air-dried to remove the alcohol and residual water.

Storage Recommendations

Keep flat, do not tilt

Other Notes

Image

Before treatment

After treatment

SITE	FIND	AREA	CONTEXT
1006	119	C	206

MATERIAL TYPE	OBJECT TYPE	DESCRIPTION	ATTENTION
Metal	Nail	Bent iron nail from	Y

DATE	ID	UNIQUE_ID	Conservation Date	Conservator
8/1/2009	ARY	1006C206F119	8/3/2009	Gregory Bailey

Material Characteristics

Iron hook, U-shaped, square/rectangular in cross section, slightly tapered, 50 x 30 x 8mm, 14.0g

Condition

Dirt, corrosion, roots present on all surfaces

Storage Location

SASS 1006 2009 Box Metals Container

Treatment

Cleaned mechanically using bamboo skewers and soft nylon bristle brush. Object was then scrubbed with a stiff nylon bristle brush, wrapped in aluminum foil, and placed in a galvanic bath (5% by weight sodium carbonate in deionized water). After five days, object was removed and scrubbed with a nylon bristle brush. The object was allowed to dry over night, and then placed in a low concentration (~1% by weight) solution of tannic acid in deionized water. After three days, the object was removed and scrubbed once again, then left to dry. After drying, two final treatments of tannic acid solution (10% by weight in deionized water with a small amount of isopropyl alcohol) were applied, with approximately 3 hours between applications.

Storage Recommendations

Other Notes

Image

Before treatment

SITE	FIND	AREA	CONTEXT
1006	121	C	207

MATERIAL TYPE	OBJECT TYPE	DESCRIPTION	ATTENTION
Textile		Fragments of wool	Y

DATE	ID	UNIQUE_ID	Conservation Date	Conservator
8/01/2009	ARY	1006C207F121	8/12/2009	Gregory Bailey

Material Characteristics

Number of wool textile fragments

Condition

Damp from excavation; dirt, midden deposits present on surface, some root hair penetration. Fragments are folded/wadded.

Storage Location

SASS 1006 2009 Organics Box 4

Treatment

These textile fragments were field treated to remove bulk soil matrix and to relax wadded and folded fragments to allow for preliminary study. Each fragment was placed on a section of plastic window screening and immersed in a tray of deionized water to which a small amount of isopropyl alcohol had been added as a wetting agent. Both sides were repeatedly tamped with a soft brush to loosen adhering soil matrix and flushed with deionized water to clear the soiling. If necessary the fragment was transferred to a fresh water bath to continue the cleaning process. Creases in the fragment were teased open during the cleaning and substantially flattened. Following cleaning the fragment was de-watered in a small container of isopropyl alcohol to reduce the tendency of degraded felted wool to mat unnaturally. It was then air-dried to remove the alcohol and residual water.

Storage Recommendations

Keep flat, do not tilt

Other Notes

Image

Before treatment

SITE	FIND	AREA	CONTEXT
1006	123	C	207

MATERIAL TYPE	OBJECT TYPE	DESCRIPTION	ATTENTION
Metal	Nail	Fragment of iron nail	Y

DATE	ID	UNIQUE_ID	Conservation Date	Conservator
8/01/2009	AXS	1006C207F123	8/3/2009	Gregory Bailey

Material Characteristics

Iron object, possibly nail, 36 x 25 x 16mm, 11.0g

Condition

Dirt, corrosion, concretion present on all surfaces.

Storage Location

SASS 1006 2009 Organics Box 5

Treatment

Cleaned mechanically and corrosion reduced using bamboo skewers and a soft nylon bristle brush. Object was then scrubbed with a stiff nylon bristle brush, wrapped in aluminum foil, and immersed in a galvanic bath (5% by weight sodium carbonate in deionized water). After five days, object was removed and scrubbed with a nylon bristle brush. The object was allowed to dry over night, and then placed in a low concentration (~1% by weight) solution of tannic acid in deionized water. After three days, the object was removed and scrubbed once again, then left to dry. After drying, two final treatments of tannic acid solution (10% by weight in deionized water with a small amount of isopropyl alcohol) were applied, with approximately 3 hours between applications.

Storage Recommendations

Other Notes

Image

Before treatment

SITE	FIND	AREA	CONTEXT
1006	122	C	207

MATERIAL TYPE	OBJECT TYPE	DESCRIPTION	ATTENTION
Textile		Wool fragments	Y

DATE	ID	UNIQUE_ID	Conservation Date	Conservator
8/01/2009	ELB	1006C207F122	8/12/2009	Gregory Bailey

Material Characteristics

Number of wool textile fragments

Condition

Damp from excavation; dirt, midden deposits present on surface, some root hair penetration. Fragments are folded/wadded.

Storage Location

SASS 1006 2009 Organics Box 5

Treatment

These textile fragments were field treated to remove bulk soil matrix and to relax wadded and folded fragments to allow for preliminary study. Each fragment was placed on a section of plastic window screening and immersed in a tray of deionized water to which a small amount of isopropyl alcohol had been added as a wetting agent. Both sides were repeatedly tamped with a soft brush to loosen adhering soil matrix and flushed with deionized water to clear the soiling. If necessary the fragment was transferred to a fresh water bath to continue the cleaning process. Creases in the fragment were teased open during the cleaning and substantially flattened. Following cleaning the fragment was de-watered in a small container of isopropyl alcohol to reduce the tendency of degraded felted wool to mat unnaturally. It was then air-dried to remove the alcohol and residual water.

Storage Recommendations

Keep flat, do not tilt

Other Notes

Image

SITE	FIND	AREA	CONTEXT
1006	125	C	207

MATERIAL TYPE	OBJECT TYPE	DESCRIPTION	ATTENTION
Textile		Pieces of wool	Y

DATE	ID	UNIQUE_ID	Conservation Date	Conservator
8/1/2009	ELB	1006C207F125	8/12/2009	Gregory Bailey

Material Characteristics

Wool textile fragment, diamond shape, twill weave; 2-ply spun wool yarn, tied in bow

Condition

Damp from excavation; dirt, midden deposits present on surface, some root hair penetration. Fragments are folded/wadded.

Storage Location

SASS 1006 2009 Organics Box 5

Treatment

These textile fragments were field treated to remove bulk soil matrix and to relax wadded and folded fragments to allow for preliminary study. Each fragment was placed on a section of plastic window screening and immersed in a tray of deionized water to which a small amount of isopropyl alcohol had been added as a wetting agent. Both sides were repeatedly tamped with a soft brush to loosen adhering soil matrix and flushed with deionized water to clear the soiling. If necessary the fragment was transferred to a fresh water bath to continue the cleaning process. Creases in the fragment were teased open during the cleaning and substantially flattened. Following cleaning the fragment was de-watered in a small container of isopropyl alcohol to reduce the tendency of degraded felted wool to mat unnaturally. It was then air-dried to remove the alcohol and residual water.

Storage Recommendations

Keep flat, do not tilt

Other Notes

Image

Before treatment

After treatment

SITE	FIND	AREA	CONTEXT
1006	126	C	207

MATERIAL TYPE	OBJECT TYPE	DESCRIPTION	ATTENTION
Textile		Pieces of cloth	Y

DATE	ID	UNIQUE_ID	Conservation Date	Conservator
8/01/2009	ELB	1006C207F126	8/12/2009	Gregory Bailey

Material Characteristics

Number of wool textile fragments

Condition

Damp from excavation; dirt, midden deposits present on surface, some root hair penetration. Fragments are folded/wadded.

Storage Location

SASS 1006 2009 Organics Box 5

Treatment

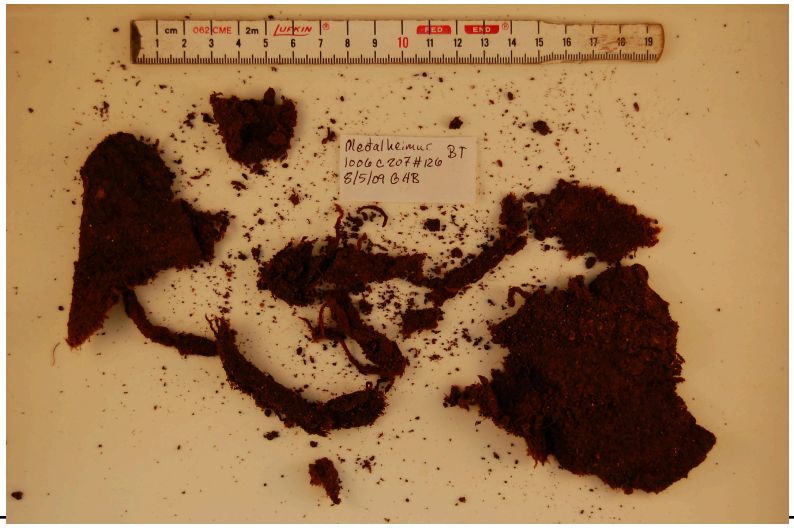
These textile fragments were field treated to remove bulk soil matrix and to relax wadded and folded fragments to allow for preliminary study. Each fragment was placed on a section of plastic window screening and immersed in a tray of deionized water to which a small amount of isopropyl alcohol had been added as a wetting agent. Both sides were repeatedly tamped with a soft brush to loosen adhering soil matrix and flushed with deionized water to clear the soiling. If necessary the fragment was transferred to a fresh water bath to continue the cleaning process. Creases in the fragment were teased open during the cleaning and substantially flattened. Following cleaning the fragment was de-watered in a small container of isopropyl alcohol to reduce the tendency of degraded felted wool to mat unnaturally. It was then air-dried to remove the alcohol and residual water.

Storage Recommendations

Keep flat, do not tilt

Other Notes

Image



Before treatment

SITE	FIND	AREA	CONTEXT
1006	128	C	208

MATERIAL TYPE	OBJECT TYPE	DESCRIPTION	ATTENTION
Textile		Small pieces of reddish	Y

DATE	ID	UNIQUE_ID	Conservation Date	Conservator
8/03/2009	ARY	1006C208F128	8/12/2009	Gregory Bailey

Material Characteristics

Large number of wool textile fragments from screen.

Condition

Damp from excavation; dirt, midden deposits present on surface, some root hair penetration. Fragments are folded/wadded, damaged from screen

Storage Location

SASS 1006 2009 Organics Box 6

Treatment

These textile fragments were field treated to remove bulk soil matrix and to relax wadded and folded fragments to allow for preliminary study. Each fragment was placed on a section of plastic window screening and immersed in a tray of deionized water to which a small amount of isopropyl alcohol had been added as a wetting agent. Both sides were repeatedly tamped with a soft brush to loosen adhering soil matrix and flushed with deionized water to clear the soiling. If necessary the fragment was transferred to a fresh water bath to continue the cleaning process. Creases in the fragment were teased open during the cleaning and substantially flattened. Following cleaning the fragment was de-watered in a small container of isopropyl alcohol to reduce the tendency of degraded felted wool to mat unnaturally. It was then air-dried to remove the alcohol and residual water.

Storage Recommendations

Other Notes

Not all fragments from this find were treated because of time constraints- treated fragments were placed in dry storage with other textiles; untreated fragments were placed in cold storage with other untreated finds.

Image

SITE	FIND	AREA	CONTEXT
1006	129	C	208

MATERIAL TYPE	OBJECT TYPE	DESCRIPTION	ATTENTION
Textile		Pieces of reddish coth	Y

DATE	ID	UNIQUE_ID	Conservation Date	Conservator
8/03/2009	ELB	1006C208F129	8/4/2009	Gregory Bailey

Material Characteristics

2 wool textile fragments, light brown, orange, and dark brown in color, 1 herring bone twill weave fragment, approximately 46 x 30mm before treatment; 1 plain weave fragment with two seams, 2-ply stitching thread intact, approximately 52 x 27mm before treatment.

Condition

Damp from excavation. Dirt, midden deposits present on all surfaces and within the weave. Some penetration of root hairs. Fragments folded/wadded. Differential staining of the fragments by area and surface.

Storage Location

SASS 1006 2009 Organics Box 7

Treatment

These textile fragments were field treated to remove bulk soil matrix and to relax wadded and folded fragments to allow for preliminary study. Each fragment was placed on a section of plastic window screening and immersed in a tray of deionized water to which a small amount of isopropyl alcohol had been added as a wetting agent. Both sides were repeatedly tamped with a soft brush to loosen adhering soil matrix and flushed with deionized water to clear the soiling. If necessary the fragment was transferred to a fresh water bath to continue the cleaning process. Creases in the fragment were teased open during the cleaning and substantially flattened. Following cleaning the fragment was de-watered in a small container of isopropyl alcohol to reduce the tendency of degraded felted wool to mat unnaturally. It was then air-dried to remove the alcohol and residual water.

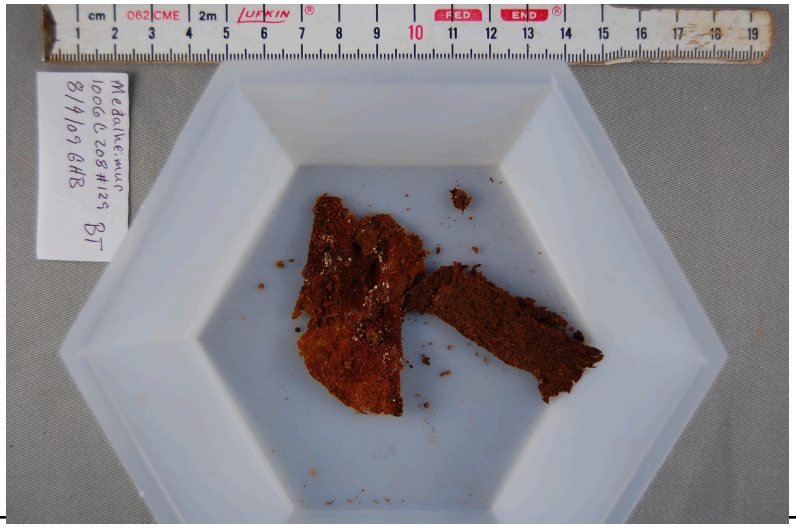
Storage Recommendations

Keep flat, do not tilt

Other Notes

Oval detritus, possibly insect pupal sack, dislodged from within the seam area of plain weave fragment during treatment, retained with object in sample vial.

Image



Before treatment

After treatment

SITE	FIND	AREA	CONTEXT
1006	130	C	208

MATERIAL TYPE	OBJECT TYPE	DESCRIPTION	ATTENTION
Leather	Fragment	Very thin torn piece of	Y

DATE	ID	UNIQUE_ID	Conservation Date	Conservator
8/03/2009	ELB	1006C208F130	8/11/2009	Gregory Bailey

Material Characteristics	Condition	Storage Location	Treatment
Thin fragment of leather	Torn, brittle, folded, damp, surfaces soiling	SASS 1006 2009 Organics Box 7	Cleaned mechanically with a soft hair bristle brush to reduce surface deposits/soiling and placed in a humidity chamber for three days with deionized water and a small amount of isopropyl alcohol to humidify. Removed and gently flattened, then allowed to dry to ambient conditions overnight.

Storage Recommendations

Other Notes

Image

Before treatment

SITE	FIND	AREA	CONTEXT
1006	131	C	208

MATERIAL TYPE	OBJECT TYPE	DESCRIPTION	ATTENTION
Textile		Pieces of cloth	Y

DATE	ID	UNIQUE_ID	Conservation Date	Conservator
8/03/2009	ELB	1006C208F131	8/4/2009	Dennis Piechota

Material Characteristics

4 wool textile fragments, 1 reddish in color, somewhat felted, with whip-stitching along two edges, measured along warp and weft before treatment, 138 x 33mm; 3 brown color, herring bone twill weave fragments, measured along warp and weft before treatment, 64 x 38mm; 69 x 45mm, 18 x 10mm

Condition

Damp from excavation. Dirt, midden deposits present on all surfaces and within the weave. Some penetration of root hairs. Fragments folded/wadded.

Storage Location

SASS 1006 2009 Organics Box 7

Treatment

These textile fragments were field treated to remove bulk soil matrix and to relax wadded and folded fragments to allow for preliminary study. Each fragment was placed on a section of plastic window screening and immersed in a tray of deionized water to which a small amount of isopropyl alcohol had been added as a wetting agent. Both sides were repeatedly tamped with a soft brush to loosen adhering soil matrix and flushed with deionized water to clear the soiling. If necessary the fragment was transferred to a fresh water bath to continue the cleaning process. Creases in the fragment were teased open during the cleaning and substantially flattened. Following cleaning the fragment was de-watered in a small container of isopropyl alcohol to reduce the tendency of degraded felted wool to mat unnaturally. It was then air-dried to remove the alcohol and residual water.

Storage Recommendations

Keep flat, do not tilt

Other Notes

Small circular and oval detritus, possibly insect eggs/pupal sacks were found in the fold of the herring bone twill fragment during treatment. Samples were placed in a 1ml vial and retained with the object.

Image

Before treatment

SITE	FIND	AREA	CONTEXT
1006	133	C	209

MATERIAL TYPE	OBJECT TYPE	DESCRIPTION	ATTENTION
Textile		Pieces of cloth from	Y

DATE	ID	UNIQUE_ID	Conservation Date	Conservator
8/03/2009	ARY	1006C209F133	8/12/2009	Gregory Bailey

Material Characteristics

Large number of wool textile fragments from screen

Condition

Damp from excavation; dirt, midden deposits present on surface, some root hair penetration. Fragments are folded/wadded, damaged from screen

Storage Location

SASS 1006 2009 Organics Box 7

Treatment

These textile fragments were field treated to remove bulk soil matrix and to relax wadded and folded fragments to allow for preliminary study. Each fragment was placed on a section of plastic window screening and immersed in a tray of deionized water to which a small amount of isopropyl alcohol had been added as a wetting agent. Both sides were repeatedly tamped with a soft brush to loosen adhering soil matrix and flushed with deionized water to clear the soiling. If necessary the fragment was transferred to a fresh water bath to continue the cleaning process. Creases in the fragment were teased open during the cleaning and substantially flattened. Following cleaning the fragment was de-watered in a small container of isopropyl alcohol to reduce the tendency of degraded felted wool to mat unnaturally. It was then air-dried to remove the alcohol and residual water.

Storage Recommendations

Keep flat, do not tilt

Other Notes

Image

Before treatment

SITE	FIND	AREA	CONTEXT
1006	134	C	209

MATERIAL TYPE	OBJECT TYPE	DESCRIPTION	ATTENTION
Textile		Pieces of cloth	Y

DATE	ID	UNIQUE_ID	Conservation Date	Conservator
8/03/2009	ELB	1006C209F134	8/4/2009	Gregory Bailey

Material Characteristics

Wool textile fragment, brown color, herring bone twill weave, folded, approximately 54 x 43mm before treatment.

Condition

Damp from excavation. Dirt, midden deposits present on all surfaces and within the weave. Some penetration of root hairs. Fragments folded/wadded.

Storage Location

SASS 1006 2009 Organics Box 7

Treatment

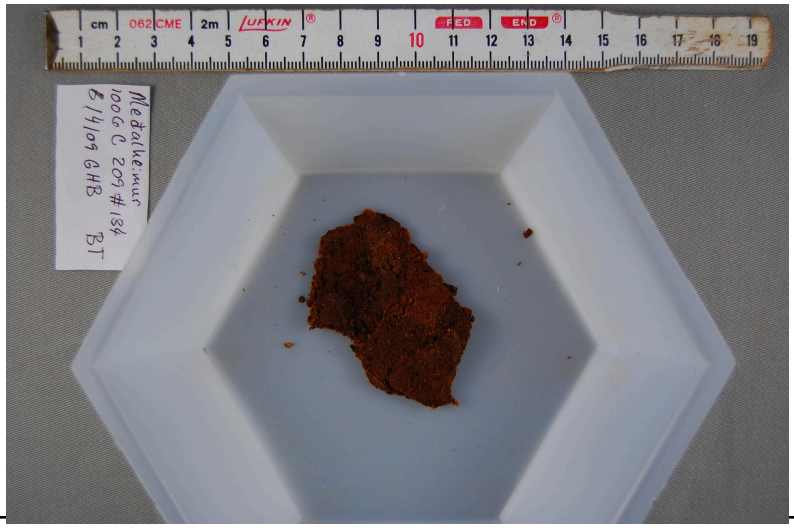
This textile fragment was field treated to remove bulk soil matrix and to relax wadded and folded fragments to allow for preliminary study. The fragment was placed on a section of plastic window screening and immersed in a tray of deionized water to which a small amount of isopropyl alcohol had been added as a wetting agent. Both sides were repeatedly tamped with a soft brush to loosen adhering soil matrix and flushed with deionized water to clear the soiling. During this process, two small fragments detached from the main object, 19 x 15mm and 10 x 4mm. Creases in the fragment were teased open during the cleaning and substantially flattened. Following cleaning the fragment was de-watered in a small container of isopropyl alcohol to reduce the tendency of degraded felted wool to mat unnaturally. It was then air-dried to remove the alcohol and residual water.

Storage Recommendations

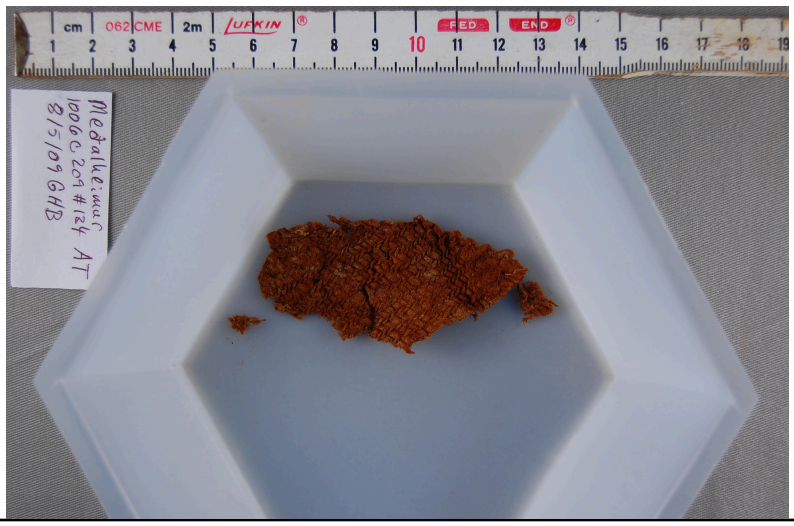
Keep flat, do not tilt

Other Notes

Image



Before treatment



After treatment

SITE	FIND	AREA	CONTEXT
1006	136	C	210

MATERIAL TYPE	OBJECT TYPE	DESCRIPTION	ATTENTION
Textile		Pieces of cloth from	Y

DATE	ID	UNIQUE_ID	Conservation Date	Conservator
8/04/2009	ARY	1006C210F136	8/12/2009	Gregory Bailey

Material Characteristics

Large number of wool textile fragments from screen

Condition

Damp from excavation; dirt, midden deposits present on surface, some root hair penetration. Fragments are folded/wadded.

Storage Location

SASS 1006 2009 Organics Box 7

Treatment

These textile fragments were field treated to remove bulk soil matrix and to relax wadded and folded fragments to allow for preliminary study. Each fragment was placed on a section of plastic window screening and immersed in a tray of deionized water to which a small amount of isopropyl alcohol had been added as a wetting agent. Both sides were repeatedly tamped with a soft brush to loosen adhering soil matrix and flushed with deionized water to clear the soiling. If necessary the fragment was transferred to a fresh water bath to continue the cleaning process. Creases in the fragment were teased open during the cleaning and substantially flattened. Following cleaning the fragment was de-watered in a small container of isopropyl alcohol to reduce the tendency of degraded felted wool to mat unnaturally. It was then air-dried to remove the alcohol and residual water.

Storage Recommendations

Keep flat, do not tilt

Other Notes

Image

Before treatment

SITE	FIND	AREA	CONTEXT
1006	137	C	210

MATERIAL TYPE	OBJECT TYPE	DESCRIPTION	ATTENTION
Lithic	Obsidian	Piece of obsidian -	N

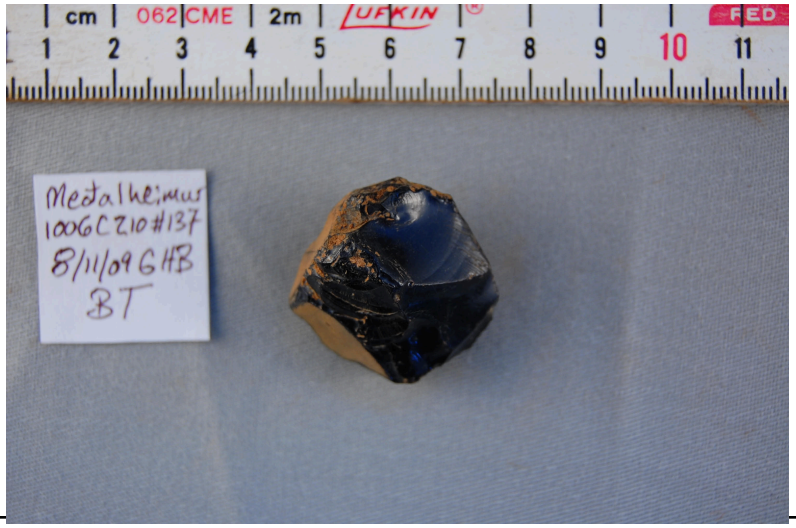
DATE	ID	UNIQUE_ID	Conservation Date	Conservator
8/04/2009	ELB	1006C210F137	8/11/2009	Gregory Bailey

Material Characteristics	Condition	Storage Location	Treatment
Obsidian with conchiodal fractures, 30 x 28 x 21mm	Dirt present on all surfaces	SASS 1006 2009 Box	Cleaned mechanically using a soft hair bristle brush and bamboo skewer. Washed with deionized water rolled on swabs.

Storage Recommendations

Other Notes

Image



Before treatment

SITE	FIND	AREA	CONTEXT
1006	140	C	212

MATERIAL TYPE	OBJECT TYPE	DESCRIPTION	ATTENTION
Metal		bent piece of iron,	Y

DATE	ID	UNIQUE_ID	Conservation Date	Conservator
8/06/2009	ELB	1006C212F140	8/11/2009	Gregory Bailey

Material Characteristics

Curved iron object, 40 x 22 x 13mm

Condition

Dirt and corrosion on all surfaces. Object is brittle, shows signs of previous spalls

Storage Location

SASS 1006 2009 Box Metals Container

Treatment

Cleaned mechanically using bamboo skewers and nylon bristle brush. Object was broken during this phase of treatment. Break edges were cleaned with isopropyl alcohol and joined with B-72 in acetone. Object was then treated with three applications of tannic acid solution (10% by weight tannic acid in deionized water with small amount of isopropyl alcohol) rolled on cotton swabs with three hours between applications.

Storage Recommendations

Other Notes

Image

Before treatment

After treatment

SITE	FIND	AREA	CONTEXT
1006	144	C	112

MATERIAL TYPE	OBJECT TYPE	DESCRIPTION	ATTENTION
Textile			

DATE	ID	UNIQUE_ID	Conservation Date	Conservator
8/13/2009	ELB	1006C112F144	8/14/2009	Gregory Bailey

Material Characteristics	Condition	Storage Location	Treatment
Small reddish wool textile fragment.		Cold Storage	None-- placed in cold storage

Storage Recommendations

Keep cool and humid

Other Notes

Further treatment/assessment recommended

Image

SITE	FIND	AREA	CONTEXT
1006	142	C	212

MATERIAL TYPE	OBJECT TYPE	DESCRIPTION	ATTENTION
Metal			

DATE	ID	UNIQUE_ID	Conservation Date	Conservator
8/14/2009	ELB	1006C212F142	8/14/2009	Gregory Bailey

Material Characteristics	Condition	Storage Location	Treatment
2 pieces of iron, appear to be associated; bar, 24 x 10 x 4mm; bell-shaped piece, 34 x 20 x 16mm	Damp, dirt, corrosion present on all surfaces.	SASS 1006 2009 Box Metals Container	Cleaned mechanically using bamboo skewers and soft nylon bristle brush. Documented and placed in dry storage.

Storage Recommendations

Monitor for corrosion

Other Notes

Further treatment/assessment of this piece is recommended

Image

SITE	FIND	AREA	CONTEXT
1006	143	C	112

MATERIAL TYPE	OBJECT TYPE	DESCRIPTION	ATTENTION
Ceramic			

DATE	ID	UNIQUE_ID	Conservation Date	Conservator
8/13/2009	AMS	1006C112F143	8/14/2009	Gregory Bailey

Material Characteristics	Condition	Storage Location	Treatment
Circular object with rounded conical projection on one side and flat face on opposite, 13mm diameter, 17mm tall, material may be organic, such as bone or horn.	Damp, dirt present on all surfaces	SASS 1006 2009 Box	Air-dried, brushed with soft hair bristle brush.

Storage Recommendations

Other Notes

Resembles in size and shape Glaumbaer 111C [105]F144, further examination/assessment possible

Image

SITE	FIND	AREA	CONTEXT
1006	146	C	1104

MATERIAL TYPE	OBJECT TYPE	DESCRIPTION	ATTENTION
Metal			

DATE	ID	UNIQUE_ID	Conservation Date	Conservator
8/13/2009	ARY	1006C1104F146	8/14/2009	Gregory Bailey

Material Characteristics	Condition	Storage Location	Treatment
rivet with oblong head, 25 x 15 x 10mm	Damp. Dirt, corrosion present on all surfaces	SASS 1006 2009 Box Metals Container	Air-dried, cleaned mechanically using bamboo skewers and nylon bristle brush. Placed in dry storage.

Storage Recommendations

Monitor for corrosion

Other Notes

Further treatment/assessment is recommended

Image