Report of the Skagafjörður Archaeological Settlement Survey 2009:

Test pits at Meðalheimur (1006)

By John M. Steinberg, Douglas J. Bolender, Amanda Schreiner, Emily L. Button, Rita S. Shepard, & Kathryn A. Catlin

With the help of

Ayshe Yeager, Brian N. Damiata, Christa Beranek, Dennis Piechota, Gregory Bailey, Heather. Trigg Joanna Curtis, John Schoenfelder, Katharine Corwin, Katharine Johnson, Katherine Goldberg, Kelly Hale, Laura Ng, Marisa Patalano, Michael Way, Peter Gangemi, Robert de Picciotto, Robert Yeager, Rosie Taylor, Sam Mrozowski, Stephen Mrozowski, Susan Jacobucci, & Véronique Forbes

> Funded by United States National Science Foundation ARC 0909393 (Arctic Social Sciences)

With the institutional assistance of Byggðasafn Skagfirðinga Glaumbæ Árskóli Sauðárkróki

Permit issued by Kristín Huld Sigurðardóttir, **Forstöðumaður Fornleifaverndar ríkisins**

> Under the guidance of Þór Hjaltalín, **Fornleifavernd ríkisins**

In collaboration with Sigríður Sigurðardóttir, **Byggðasafn Skagfirðinga Glaumbæ**

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

This material is based upon work supported by the National Science Foundation under Grants ARC 0909393 (Arctic Social Sciences) & BCS 0731371 (Archaeology). Any opinions, findings, and conclusions or recommendations expressed in this material are those of the authors and do not necessarily reflect the views of the National Science Foundation. The permit was issued by Archaeological Heritage Agency of Iceland on June 19, 2009. Landowner permission was obtained with the assistance of Hjalti Pálsson of Hof. We thank Ragnar Gunnlaugsson for his graciousness in letting us investigate his land. Christine Campbell helped put together this report.

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 tephra.

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 m² 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.



5: Floor

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



Calibrated Age Ranges

Figure 9. AMS dates from the Viking Age at Meðalheimur

SITE	FIND	AREA		CONTE	XT		
1006	88	С	202				
MATERIAL TY	PE OB	JECT TYPE	DESCR	DESCRIPTION ATTENTIO		N	
Metal	Cop	per fragment	copper p	ot fragm	ent withY		
DATE 7/29/2009	ID ELB	UN 100	UNIQUE_ID Conservation Dateons 006C202F88 7/30/2009 Grego				n servator Jory Bailey
Material Cha Copper metal dished, with e shaped foot o 90 x 85 x 27n	aracteristics fragment, eyebrow- or projection, nm, 188.8g.	Condition Dirt, corrosion p all surfaces. Co layers are brigh granular over la	present on prrosion It green/blue ayer of black.	SASS 1 Metals	orage Locat 006 2009 E Container	i on 3ox	Treatment Cleaned mechanically using bamboo skewers and soft hair bristle brush.
Storage Reco	mmendations	Other Notes Appears to # 101, tho	be associat ugh they do i	ed with not share	1006 finds # e break edg	# 91 and es.	

SITE 1006	FIND 89	AREA C		CONTEXT 202		
MATERIAL TY	PE OB	JECT TYPE	DESCF	RIPTION	ATTE	NTION
Metal	Cop	per fragment	thin pot f	ragment	Y	
DATE 7/29/2009	ID ELB	UNI 1006	QUE_ID C202F89	Cons 7/30/2	ervation D 2009	a t€onservator Gregory Bailey
Material Char Copper meta curved, with hole with rou punched in car x 1mm, 4.1g	aracteristics I fragment, 4mm square nded corners enter, 35 x 25	Condition Dirt, corrosion pr all surfaces. Pla present, appear associated with	resent on int fibers to be the hole(s)	SASS 1006 2 Metals Conta	Location 2009 Box ainer	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.

Other Notes

SITE 1006	FIND 91	AREA C		CONTEXT 203				
MATERIAL TYPE OF		JECT TYPE	DESCR		ATTE	ATTENTION		
Metal	copp	per fragment	Part of th	in bowl?	Y			
DATE 7/29/2009	ID ELB	UN 1006	I QUE_ID 6C203F91	Co 7/2	onservation D 2/2009	at €onservator Gregory Bailey		
Material Ch Copper meta concave, with on one side, 3mm	haracteristics al fragment, h raised band 132 x 97 x	Condition Dirt, corrosion, or present on all su Midden deposits peat ash, fiber, or present on all su	concretion urfaces. s (charcoal, etc.) urfaces.	SASS 100 Metals Co	ige Location 06 2009 Box intainer	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 Reco	ommendations	Other Notes Appears to # 101, thou	be associat Igh they do I	ed with 100 not share b	06 finds #88 reak edges.	and		

Cm 062 CME 2m / CMKW 0 1 1 12 13 14 15 16 17 10 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 10 Medal Reining 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Before treatment
Cm 062 CME 2m 12 5 6 7 8 9 10 11 12 13 14 15 16 17 6 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 6 M.E. d.a. He:must 1/250/09 G.A.S T/250/09 G.A.S	Before treatment

	SITE 1006	FIND 92	AREA C		CONTI 203	EXT		
ļ	MATERIAL TYP	PE OB	JECT TYPE	DESCR	PTION	ATT	ENTION	I
Ге	extile	Woo	?	wool fragi	ments?	Y		
7	DATE 7/29/2009	id Elb	1	UNIQUE_ID 006C203F92		Conservation 8/4/0009	Dat €on Denn	servator is Piechota
	Material Char 4 wool textile f reddish in colo felted. May ind seam fragmen Measured alor and weft befor 82 x 14mm; 56 x 6mm; 23 x 7	racteristics ragments, or, somewhat clude hem or its. ng the warp e treatment : 5 x 11mm; 23 mm	Condition Damp from e midden depo surface, som penetration. folded/wadde	excavation; dirt, poits present on le root hair Fragments are ed.	SASS ⁻ Box 1	orage Location 1006 2009 Org	n janics	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
	Storage Recon	nmendations	Other Not	tes				brush to loosen adhering soil matrix and flushed with
	Keep flat, do n	ot tilt						deionized water to clear the soiling. If necessary the fragment was transferred to a
	Image							fresh water bath to continue the cleaning process. Creases in
	m 2 mledalleman 1006C 205 H92 BT 8/4/09 GHB					Before treatment		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.
	662 CM 6 2 3 1 1 1 1006 C 203 H92 AT 8157109 6 HB				in the second seco			

SITE 1006	FIND 93	AREA C		сонт 203	EXT	
MATERIAL TYP	е ов	JECT TYPE	DESCR		ATTENTIO	N
extile	Woo	?	wool frag	ment?	Y	
DATE 7/29/2009	ID ELB	ւ 10	JNIQUE_ID 006C203F93		Conservation Dateor8/4/2009Greg	nservator Jory Bailey
Material Char Wool textile fra reddish brown somewhat felte hem fragment, Storage Recom	acteristics gment, color, ed, possibly 86 x 18mm	Condition Damp from ex Dirt, midden of present on all within the wea penetration of Fragments fo	xcavation. deposits surfaces and ave. Some f root hairs. lded/wadded.	SASS Box 1	torage Location 1006 2009 Organics	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
Keep flat, do no	ot tilt					soiling. Creases in the fragment were teased open during the
Image						cleaning and substantially flattened. Following cleaning
Meta (he:mus 1006 C 205 #73 BT 8/4/07 6 HB			ESD 0 13 14 15 16 17 1 1 1 1 10 10 10 10 10 10 10 10 10 10 10		Before treatment	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.
em 23 11 11 1006 CZ03 Hag AT 8/5/09 GHB			In the first second sec	17 18 19 Janutou londrum h	After treatment	

SITE 1006	FIND 94	AREA C		CONT 203	EXT	
MATERIAL TY	PE OB	JECT TYPE	DESCF		ATTENT	ON
Textile	fragr	nent	visible w	eave - li	nen? Y	
DATE 7/29/2009	ID ELB	1	UNIQUE_ID 006C203F94		Conservation Date8/4/2009Det	conservator ennis Piechota
Material Cha Wool textile fra weave, measu warp and weft treatment, 78 Storage Recon Keep flat, do r	nmendations	Condition Dirt accumul deposits pre- surfaces and weave. Som of root hairs. folded/wadde	ation, midden sent on all d within the ne penetration Fragment ed.	s SASS Box 1	torage Location 1006 2009 Organic	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
Image					Before treatment	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.
1 2 2 Medalheimur 1006 c.203 #94 AT 8/5109 G.HB				17 - 18 - 19 administration in	After treatment	

SITE 1006	FIND 95	AREA C		CONT 203	EXT		
			DESCE			ΔΤΤΕΝΤΙΟ	N
Textile	wool	9	2 fabric	fragmer	nts Y	/	
DATE	ID	•	UNIQUE_ID		Conserva	ation Dat © o	nservator
7/29/2009	ELB	1	006C203F95	_	8/4/2009	Gre	gory Bailey
Material Cha 3 fragments w reddish brown rectangular, so felted fragmen twill weave, 41 triangular twill fragment, 67 x triangular frag somewhat felto twill weave, 66 Storage Recon	racteristics ool textile, color, 1 omewhat it, possibly x 32mm; 1 weave 42mm; 1 ment, ed, possibly 5 x 36mm	Condition Damp from Dirt, midden present on a within the way penetration Fragments f	excavation. deposits all surfaces and eave. Some of root hairs. olded/wadded.	SASS Box 1	torage Loo 1006 200	cation 9 Organics	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
Keep flat, do r	ot tilt						delohized water to clear the soiling. If necessary the fragment was transferred to a fresh water bath to continue the
Image					Befo treat	re ment	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.
002 CM 1 2 3 1 1 100 6 0 203 #95 AT 815 1091 GHB				Introduction	After treat	ment	

SITE 1006	FIND 96	AREA C		CONTEX 203	T	
MATERIAL TY	PE OB	JECT TYPE	DESCR	IPTION	ATTENTION	I
Textile	fabri	c fragment	black line	n? visible	Y	
DATE 7/29/2009	ID AXS	U 10	NIQUE_ID 06C203F96	C (8/	onservation Dat © or /4/2009 Denr	i servator iis Piechota
Material Cha 2 wool textile f plain weave, b measured alor weft: 60x x37 15mm Storage Recon Keep flat, do r	racteristics fragments, lack color, ng warp and mm; 22 x	Condition Dirt, midden d present on all within the wea penetration of Fragments fol Other Note	eposits surfaces and ave. Some root hairs. ded/wadded.	SASS 10 Box 1	age Location 06 2009 Organics	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
Image Redative.marc 8/19/09 GHB B/			252 2 13 14 15 16 37 10 10 10 10 10 10 10 10		Before treatment	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.
062 CM 1 2 3 1 1006 c 205 #96 AT 8/5/09 6 HB AT					After treatment	



SITE 1006	FIND 98	AREA C		CONTE 203	ХТ	
MATERIAL TY	PE OB	JECT TYPE	DESCRI	PTION	ATTENTIO	N
Textile	wool	?	wool frage	6	Y	
DATE 7/29/2009	id Elb	u 10	UNIQUE_ID 006C203F98		Conservation Dat€or	nservator
Material Cha Large wool tex weave, somew reddish color, sewing along s	racteristics ktile, twill vhat felted, remnants of side edges	Condition Damp from e midden depo surface, some penetration. folded/wadde	xcavation; dirt, sits present on e root hair Fragments are ed.	SASS 1 Box 2	orage Location 006 2009 Organics	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
Storage Recon	nmendations	Other Not	es			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
		<u>Асна</u> в <u>1</u> в <u>ера вера в</u> <u>6 в 1 в 1 в</u> <u>1 в <u>1 в</u></u>			Before treatment	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.

SITE 1006	FIND 99	AREA C		CONTE 203	EXT	
MATERIAL TYP	PE OB	JECT TYPE	DESCR		ATTENTIO	N
Textile	wool	?	fragment	s	Y	
DATE 7/30/2009	ID AXS	U 10	NIQUE_ID 06C203F99		Conservation Dateon 8/4/2009 Denr	nservator nis Piechota
Material Char Wool, reddish roving: washe but unspun, ap 102 x 58 mm b treatment	racteristics color, likely of and carded oproximately before	Condition Damp from ex Dirt, midden d present on all within the fibe penetration of Fragments fol	cavation. leposits surfaces and rs. Some root hairs. ded/wadded.	SASS 1 Box 3	orage Location 1006 2009 Organics	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
Storage Recon	nmendations	Other Note This sar possibly appear	es mple shows v evidence or to have bee	alignm f dyein n spun	ent of fibers and g, but does not into yarn. The	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
8/9/or GHB					Before treatment	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.
		8 9 10 11 12 Indududududududududududududududududududu		17 18 19 Annundantun	After treatment	

SITE	FIND			CONT	EXT	
1006	100	U		203		
	PE OB	JECT TYPE	DESCR	IPTION	ATTENTIO	N
l extile	wool	?	fragment	S	Y	_
DATE 7/30/2009	ID ELB	נ 10	006C203F100		Conservation Dateor8/4/2009Greg	nservator Jory Bailey
Material Cha	racteristics	Condition	voovotion	S	torage Location	Treatment
Wool textile fra herringbone tw brown color, a 90 x 27mm be treatment.	agment, vill weave, pproximately fore	Damp from es Dirt, midden o present on all within the wea penetration o Fragments fo	es	Box 3	1006 2009 Organics	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
Storage Recon	nmendations					matrix and flushed with deionized water to clear the
Keep flat, do r	ot tilt					soiling. Creases in the fragment were teased open during the
Image						cleaning and substantially flattened. Following cleaning
E Metalhemur 1006c20s#100 BT 8/4/09 6HB			IS I	10 19 Innerstender	Before treatment	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.
es 2 Netalkemur lice (c cos #ioo AT 8/5/09 64B			END 0 13 14 15 16 14 15 16 14 15 16	7 18 19 Janutina landina la	After treatment	

SITE 1006	FIND 101	AREA C	CON 204	ITEXT	
MATERIAL TY	PE OE	JECT TYPE	DESCRIPTIO	N ATI	TENTION
Metal	copp	per fragment	copper piece f	rom Y	
DATE 7/30/2009	ID ARY	UN 1006	I QUE_ID 6C204F101	Conservation 7/30/2009	Dateonservator Gregory Bailey
Material Cha Copper metal concave, with on one surface 3mm, 12.3g	racteristics fragment, raised band e, 36 x 21 x	Condition Dirt, midden (or ash, etc.), corro present on all si	ganics, peat SAS sion Meta urfaces.	Storage Locatio S 1006 2009 Bo Ils Container	n Treatment x Cleaned mechanically using bamboo skewers and soft nylon bristle brush. Samples of fibers and organics placed in 1ml vial and retained with object.

Other Notes

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

SITE 1006	FIND 102	AREA C		CONTEXT 204			
MATERIAL TYP	PE OB	JECT TYPE	DESCR	IPTION	ATTE	NTION	
Metal	iron	fragment	fragment	under 5 cm Y	/		
DATE 7/30/2009	ID ARY	U 10	JNIQUE_ID 006C204F102	Conserva 7/30/200	ation Da 9	at €onservator Gregory Bailey	
Material Cha Copper metal appears possi flattened oval with fibers, org black tar-like (materials on th x 52 x 8mm, 2 9mm section o cordage or yar	racteristics fragment, bly to be pan or lid, ganics, and pitch?) ne surface, 64 8.8g, with of S-twist rn.	Condition Dirt, corrosion midden depos all surfaces.	n, concretion, sits present on	Storage Loo SASS 1006 2009 Metals Containe	cation 9 Box r	Treatment Cleaned mechanically using bamboo skewers and soft hair bristle brush. Samples of surface material removed wer placed in 2.5ml vial and retained with object. Section cordage or yarn placed in 1ml vial and retained with object.	r e of

Other Notes

SITE 1006	FIND 103	AREA C		CONTEXT 204		
MATERIAL TY	PE OB	JECT TYPE	DESCR	IPTION	ATTENTION	
Lithic	whet	stone	fragment	of small	Ν	
DATE 7/30/2009	ID ARY	UN 100	IIQUE_ID 6C204F103	Con 7/30	servation D 0/2009	at ©onservator Gregory Bailey
Material Cha Stone, possib fragment, rou rectangle in o 38 x 18 x 6m	aracteristics oly whetstone inded cross-section, m, 13.7g	Condition Dirt present on one break edge	all surfaces, ə.	SASS 1006	Je Location 2009 Box	Treatment Cleaned mechanically using a soft nylon bristle brush.

Other Notes

SITE	FIND	AREA		CONT	EXT		
1006	104	C		204			
MATERIAL TYP	E OB	JECT TYPE	DESCR			ATTENTIO	N
Leather	Frag	ment	Square p	iece of	leather Y		
DATE 7/30/2009	ID ELB	u 10	JNIQUE_ID 006C204F104		Conserva 8/11/2009	tion Dat € or) Greg	nservator jory Bailey
Material Char Leather fragme show signs of s along one side	acteristics ent, may stitching	Condition Brittle, some r warped, dirt/d present on all	mold activity, leposits I surfaces.	SASS Box 3	torage Loc 1006 2009	ation Organics	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 Recom	mendations	Other Note	es				

_





SITE 1006	FIND 106	AREA C	CON 204	TEXT		
MATERIAL TY	PE OE	ВЈЕСТ ТҮРЕ	DESCRIPTIO	N	ATTE	NTION
Lithic	que	rn?	heavy, concave	e, worn	Ν	
DATE 7/30/2009	ID AXS	UN 1006	I QUE_ID 3C204F106	Conse 7/31/2	ervation D 2009	at ©onservator Gregory Bailey
Material Cha Worked stone concave,	aracteristics e fragment,	Condition Dirt, charcoal, n deposits, organ present on all su Damp from exca	nidden SASS ic materials urfaces. avation.	Storage 3 1006 2	Location 009 Box	Treatment 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.

Other Notes





SITE 1006	FIND 110	AREA C	CONTEXT 205		Г			
MATERIAL TY	'PE	OBJECT TYPE	DESCR	IPTION		ATTENTION	N	
Leather			Thin squa	are piece o	f Y			
DATE 7/31/2009	ID ELB	UI 100	IIQUE_ID 6C205F110	Co 8/1	onserva 11/2009	tion Dat €o r) Greg	i servator ory Bailey	
Material Cha Leather fragn	aracteristic: nent	s Condition Thin, torn, britt surface dirt/dep present on all s	le, damp, posits surfaces	SASS 100 Box 3	ige Loc 06 2009	ation Organics	Treatment 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.	

Other Notes Further treatment/assessment recommended

Monitor for mold



SITE 1006	FIND 111	AREA C		солте 205	EXT	
MATERIAL TYP	E OB	JECT TYPE	DESCR	IPTION	ATTEN	TION
Textile			Wool strir	ng	Y	
DATE 7/31/2009	ID AXS	UNIC 10060	QUE_ID C205F111		Conservation Date8/4/2009	Eonservator Dennis Piechota
Material Char Wool yarn, red 103 x 5mm Storage Recom	acteristics dish color, mendations	Condition Damp from excav Dirt, midden depo present on all sur within the fibers. Folded/wadded.	vation. osits faces and	SASS 1 Box 3	orage Location 1006 2009 Organ	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
Image						substantially flattened. Following cleaning the object
82 1006 C 205 #11 8/4/09 GHB BT			A 15 16 17 	18 19 undominular	Before treatment	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.
1 2 3 1 2 3 1 1 1 1006 C 205 #1(1) AT 8/5/09 G #8			14 15 16 17 hadradan barbarbarbarbarbarbarbarbarbarbarbarbarb		After treatment	

SITE 1006	FIND 112	AREA C		CONT 205	EXT		
MATERIAL TYP	E OB	JECT TYPE	DESCRI	PTION	ATTE		I
Textile			Fragment	s of re	ddish Y		
DATE 7/31/2009	ID ELB	U 100	NIQUE_ID 06C205F112		Conservation D 8/12/2009	at €on Grego	servator ory Bailey
Material Char Number of woo fragments	acteristics of textile	Condition Damp from ex midden depos surface, some penetration. F folded/wadded	cavation; dirt, its present on root hair ragments are l.	S ASS Box 3	torage Location 1006 2009 Orga	anics	Treatment These textile fragments were field treated to remove bulk soil matrix and to relax wadded and folded fragments to allow for oreliminary 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
Storage Recom	mendations		5			l	matrix and flushed with
Keep flat, do no	ot tilt					-	soiling. If necessary the iragment was transferred to a fresh water bath to continue the cleaning process. Creases in
		He du Kenna Berlor Gaor Haz Berlor Gaor Haz Be					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.

SITE 1006	FIND 113	AREA C		сонт 205	EXT		
MATERIAL TY	PE OB	JECT TYPE	DESCR	IPTION	ATTE	NTION	
Textile			Pieces of	reddisł	n cloth Y		
DATE 7/31/2009	ID ELB	UNI 1006	QUE_ID C205F113		Conservation D 8/4/2009	at €onser Dennis F	vator Piechota
Material Cha 5 fragments w reddish color, felted, some fr be herringbon hem fragmetn included. Befor measured alor weft: 78 x 30r 20mm; 43 x 20 27mm; 22 x 10 Storage Recor Keep flat, do r	racteristics ool textile, somewhat agments may e twill weave, s may be ore treatment, ng warp and nm; 67 x 4mm; 80 x 6mm. nmendations	Condition Damp from exca Dirt, midden dep present on all su within the weave penetration of ro Fragments folde Other Notes	vation. oosits irfaces and e. Some ot hairs. d/wadded.	SASS Box 3	torage Location 1006 2009 Orga	anics The field mat fold prel frag sec scre tray a sr alco wet repo brus mat deid soili frag fres clea	Treatment see textile fragments were d treated to remove bulk soil trix and to relax wadded and led fragments to allow for liminary study. Each ment was placed on a tion of plastic window eening and immersed in a of deionized water to which mall amount of isopropyl ohol had been added as a ting agent. Both sides were eatedly tamped with a soft sh to loosen adhering soil trix and flushed with onized water to clear the ing. If necessary the ment was transferred to a sh water bath to continue the aning process. Creases in
Педа(ие:мас 1006 С. 205 #113 b. 8/4/04 6 HB	CME 2m Correction 2 3 4 5 6 7 dambadantantantantantantantantantantantantanta			B 19	Before treatment	the duri sub Foll was con redu deg unn drie resi	fragment were teased open ing the cleaning and stantially flattened. lowing cleaning the fragment a de-watered in a small tainer of isopropyl alcohol to uce the tendency of graded felted wool to mat laturally. It was then air- ed to remove the alcohol and idual water.
E 2 1 Neda(ke:mur 1 bebe c 205#113 AT 8/5/09 GHB			4 15 16 1 	7 18 19 untrulantum	After treatment		

SITE 1006	FIND 114	AREA C		CONT 205	EXT	
MATERIAL TV			DESCR		ΔΤΤΕΙ	NTION
Textile	2 02		Pieces of	reddisł	n cloth Y	
DATE 7/31/2009	ID ELB	UN 1000	IQUE_ID 6C205F114		Conservation Da 8/4/2009	at ©onservator Dennis Piechota
Material Cha 2 wool textile f reddish color, weave, measu warp and weft treatment, 91 t herring bone to measured alor weft before tre 35mm	racteristics ragments, 1 plain red along before k 44mm; 1 will weave, ng warp and atment, 73 x	Condition Damp from exc Dirt, midden de present on all s within the weav penetration of re Fragments folde	avation. posits urfaces and e. Some oot hairs. ed/wadded.	SASS Box 3	torage Location 1006 2009 Orga	anics 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.
Keep flat, do r	ot tilt					Both sides were repeatedly tamped with a soft brush to loosen adhering soil matrix and flushed with deionized water to clear the soiling. If
E 2 1/letalhe:mun 1/00 C. Zos #114 8/4/09 GHB		8 9 10 11 12 13 damlandanlan		19 milionitanita	Before treatment	ransferred 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.
662 3 1006 c 205 # 114 AT 8/5/09 GHB					After treatment	

SITE 1006	FIND 116	AREA C	20 20	DNTEXT)6		
MATERIAL TYP	PE OB	JECT TYPE	DESCRIPT	ION	ATTENTIO	N
Textile			Pieces of wo	ol from	Y	
DATE 7/31/2009	ID ARY	UN 1006	IQUE_ID 6C206F116	Conse	ervation Dateor	Iservator
Material Chai Number of woo fragments from	racteristics of textile a screen	Condition Damp from exca midden deposits surface, some r penetration. Fra folded/wadded.	avation; dirt, SA s present on Bo oot hair agments are	Storage SS 1006 2 x 4	Location 2009 Organics	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
Storage Recom	nmendations	Other Notes				added as a wetting agent.
Keep flat, do n Image	ot tilt					tamped with a soft brush to loosen adhering soil matrix and flushed with deionized water to clear the soiling. If
	Aledal keruna Ineda la keruna Alejon Ara			Betre	efore eatment	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.

SITE	FIND	AREA		CONT	EXT		
1006	11/	C		206			
MATERIAL TYP	E OB	JECT TYPE	DESCRI	PTION	ATTEI	NTION	
Textile			Pieces of	cloth	Y		
DATE 7/31/2009	ID AXS	1	UNIQUE_ID 006C206F117		Conservation Da 8/12/2009	at €on Grego	servator ory Bailey
Material Char 5 fragments of	acteristics wool textile	Condition Damp from e midden depo surface, som penetration. folded/wadde	excavation; dirt, osits present on he root hair Fragments are ed.	SASS Box 4	orage Location 1006 2009 Orga	nics	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
Storage Recom	mendations	Other No	tes				orush to loosen adhering soil matrix and flushed with
Keep flat, do no	ot tilt					:	deionized water to clear the soiling. If necessary the fragment was transferred to a
Image						1	resh water bath to continue the cleaning process. Creases in
		Medalkeinur Tobols Czece Hitt Birs Jon G HB Br					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.

SITE 1006	FIND 118	AREA C		CONT 206	EXT	
MATERIAL TYP	PE OB	JECT TYPE	DESCR		ATTENTIC	N
Textile			Pieces of	cloth	Y	
DATE 8/1/2009	ID ELB	UN 100	IIQUE_ID 6C206F118		Conservation Date 8/4/2009 Gre	n servator gory Bailey
Material Char Wool textile fra reddish brown weave, folded times, 64 x 45 treatment	racteristics agment, color, plain several mm before	Condition Damp from exc Dirt, midden de present on all s within the weav penetration of r Fragments fold	avation. posits urfaces and re. Some oot hairs. ed/wadded.	SASS Box 4	torage Location 1006 2009 Organics	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
Keep flat, do n	ot tilt					soiling. Creases in the fragment
Image						cleaning and substantially flattened. Following cleaning the fragment was de-watered in
65 2 1006 C. 206 #118 8/4/09 G.HB	CME 2m <u>Lacken</u> [®] 3 4 5 6 7 Juniouloutoutoutoutoutoutoutoutoutoutoutoutouto		a 14 15 16 17 undreidendigendigendigendigendigendigendigen	andentandar	Before treatment	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.
Metalheimur 1 2 Metalheimur 1006 c 206 Hills AT 8/5/09 6/18			13 14 15 16 		After treatment	

FIND 119	AREA C		CONTE 206	ХТ	
PE OB	JECT TYPE	DESCR	RIPTION	ATTE	NTION
Nail		Bent iron	nail fron	n Y	
ID ARY	UN 100	NIQUE_ID 06C206F119		Conservation D 8/3/2009	at ©onservator Gregory Bailey
racteristics haped, gular in cross y tapered, 50 4.0g	Condition Dirt, corrosion, present on all s Other Notes	roots surfaces	SASS 1 Metals (orage Location 006 2009 Box 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
62 CME 2m 3 4 5 10 10 10 10 10 10 10 10 10 10 10 10 10 1	e: mar be #119 BT HB			Before treatment	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.
	FIND 119 PE OB. Nail ID ARY racteristics haped, gular in cross y tapered, 50 4.0g mendations	FIND AHEA 119 C YE OBJECT TYPE Nail ID ID UP ARY 100 racteristics Condition haped, Dirt, corrosion, ylar in cross Dirt, corrosion, ytapered, 50 4.0g nmendations Other Notes mendations Other Notes Meta(he:mur) 1 Meta(he:mur) BT Jog GHB BT	FIND AHEA 119 C YE OBJECT TYPE DESCR Nail Bent iron ID UNIQUE_ID ARY 1006C206F119 racteristics Condition haped, Dirt, corrosion, roots gular in cross present on all surfaces 4.0g Other Notes nmendations Other Notes file ta (he: musr loog C zoe # NG BT file ta (he: musr loog C zoe # NG BT s/3/07 G HB	FIND AHEA CONTE 119 C 206 2E OBJECT TYPE DESCRIPTION Nail Bent iron nail from ID UNIQUE_ID ARY 1006C206F119 racteristics Condition State haped, Dirt, corrosion, roots SASS 1 ylar in cross present on all surfaces Metals 0 ytapered, 50 4.0g Metals 0 nmendations Other Notes 0 Other Notes Image: Metals 0 112 Image: Metals 0 Metals 0 1	PIND AHEA CONTEXT 119 C 206 PE OBJECT TYPE DESCRIPTION ATTE Nail Bent iron nail from Y ID UNIQUE_ID Conservation D ARY 1006C206F119 8/3/2009 racteristics Condition Storage Location haped, jular in cross Dirt, corrosion, roots present on all surfaces SASS 1006 2009 Box Metals Container nmendations Other Notes Metals Container mendations Other Notes Before treatment Image: The first of the state o

SITE 1006	FIND 121	AREA C		CONTI 207	EXT	
MATERIAL TYP	PE OB	JECT TYPE	DESCR	IPTION	ATTENTIO	N
Textile			Fragment	ts of wo	ol Y	
DATE 8/01/2009	ID ARY	UN 100	II QUE_ID 6C207F121		Conservation Dateo 8/12/2009 Gree	n servator jory Bailey
Material Char Number of woo fragments	acteristics of textile	Condition Damp from exc midden deposit surface, some r penetration. Fr folded/wadded.	avation; dirt, s present on root hair agments are	SASS ⁻ Box 4	orage Location 1006 2009 Organics	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
Storage Recom	mendations	Other Notes	5			matrix and flushed with
Keep flat, do n Image	ot tilt					fragment was transferred to a fresh water bath to continue the cleaning process. Creases in the fragment were teased open
		terrererererererererererererererererere			Before treatment	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.

SITE 1006	FIND 123	AREA C	CONTEXT 207			
MATERIAL TY	PE OBJEC	T TYPE	DESCR		ATTENTIO	N
Metal	Nail		Fragmen	t of iron n	nail Y	
DATE 8/01/2009	ID AXS	UNI 1006	QUE_ID C207F123	C 8	Conservation Dateo	n servator jory Bailey
Material Cha Iron object, po x 25 x 16mm, Storage Recor	macteristics Ca ossibly nail, 36 Din 11.0g pre	ondition t, corrosion, c esent on all su Other Notes	oncretion rfaces.	SASS 10 Box 5	rage Location 006 2009 Organics	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
Image			65 9 10 1		Before treatment	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.
	Metalheim 1006 c 207 # 8/3/09 G H	B B				

SITE 1006	FIND 122	AREA C		CONT 207	EXT		
MATERIAL TY			DESCR	ΙΡΤΙΟΝ	ΔΤΤΕ		1
Textile			Wool frag	ments	Y		
DATE 8/01/2009	ID ELB	1	UNIQUE_ID 006C207F122		Conservation D 8/12/2009	at €on Grego	servator ory Bailey
Material Cha Number of wo fragments	aracteristics bol textile	Condition Damp from e midden depo surface, som penetration. folded/wadde	excavation; dirt, osits present on ne root hair Fragments are ed.	S ASS Box 5	torage Location 1006 2009 Orga	anics	Treatment These textile fragments were ield treated to remove bulk soil matrix and to relax wadded and olded fragments to allow for oreliminary study. Each iragment 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
Storage Reco Keep flat, do	mmendations not tilt	Other No	tes				brush to loosen adhering soil matrix and flushed with deionized water to clear the soiling. If necessary the fragment was transferred to a firesh water bath to continue the cleaning process. Creases in
	m correct 2m for 2 3 4 5 international and a second	arther and a second sec					he 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.

SITE 1006	FIND 125	AREA C	c 2	ONTEXT		
MATERIAL TYP	PE OE	ВЈЕСТ ТҮРЕ	DESCRIP	ΓΙΟΝ	ATTENTIO	N
Textile			Pieces of w	ool	Y	
DATE 8/1/2009	ID ELB	UNI 1006	QUE_ID C207F125	Conse 8/12/2	ervation Dat e o 2009 Greç	nservator gory Bailey
Material Char Wool textile fra diamond shap weave; 2-ply s yarn, tied in bo	racteristics agment, e, twill pun wool w	Condition Damp from exca midden deposits surface, some ro penetration. Fra folded/wadded.	vation; dirt, S/ present on Bo oot hair gments are	Storage ASS 1006 2 ox 5	Location 2009 Organics	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
Keep flat, do n	ot tilt					deionized water to clear the soiling. If necessary the
Image						fragment was transferred to a fresh water bath to continue the cleaning process. Creases in
		B B D D D Z B A B B B B D D D Z B A B B B B D D D Z B A B B B B B D D D Z B A B B B B B D D D Z B B B B B D D D D Z B B B B B D D D D Z B B B B B D D D D D D D D D D D D D D D D B B D D D D D D D D D D D D D B B D D D D D D D D D D D D D D D D D D		Be	efore eatment	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.
	n cost care 2 m for the form of the form o			Aftre	ter eatment	

SITE	FIND			CONT	EXT	
			DEOOD		ATTENTIO	N1
Textile	E OB	JECTITPE	Pieces of	cloth		N
DATE	ID		UNIQUE_ID	00011	Conservation Dat © o	nservator
8/01/2009	ELB		1006C207F126		8/12/2009 Greg	gory Bailey
Material Cha Number of wo fragments	r acteristics ol textile	Condition Damp from midden dep surface, sor penetration. folded/wadd	excavation; dirt, osits present on ne root hair Fragments are ded.	SASS Box 5	torage Location 1006 2009 Organics	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
Storage Recon	nmendations	Other No	otes			matrix and flushed with
Keep flat, do n	ot tilt					soling. If necessary the fragment was transferred to a fresh water bath to continue the cleaning process. Creases in
		All dal keimus B 9 10 11 12 15 Isola c 2074 120 SISIA 6 HB			Before treatment	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.

SITE	FIND	AREA	0	ONTEXT		
	120					
MATERIAL TYF	PE OB	JECT TYPE	DESCRIP	TION s of reddish	ATTENTIO	N .
DATE	ID	UN		Conserv	ation Dat © o	nservator
8/03/2009	ARY	100	6C208F128	8/12/200	9 Gre	gory Bailey
Material Char Large number textile fragmer screen.	r acteristics of wool its from	Condition Damp from exc midden deposit surface, some penetration. Fr folded/wadded, from screen	avation; dirt, S s present on B root hair agments are damaged	Storage Lo ASS 1006 200 ox 6	cation 9 Organics	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
Storage Recon	nmendations	Other Notes Not all frag because of were place untreated with other	gments from thi f time constrair ed in dry storag fragments were untreated finds	s find were treats ts- treated frag e with other te placed in colo	ated gments xtiles; I storage	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
	em oosker 2m /					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.

SITE	FIND	AREA		CONTE	EXT		
1006	129	C		208			
MATERIAL TYP	PE OB	JECT TYPE	DESCR	IPTION	ATTEI	NTION	
Textile			Pieces of	reddish	coth Y		
DATE 8/03/2009	ID ELB	UNI 1006	QUE_ID C208F129		Conservation Da 8/4/2009	at eonse Gregor	ervator y Bailey
Material Chai	racteristics	Condition		St	orage Location	. –	Treatment
2 wool textile f light brown, ora dark brown in o herring bone tw fragment, appr x 30mm before plain weave fra two seams, 2-p thread intact, a 52 x 27mm be treatment.	ragments, ange, and color, 1 will weave oximately 46 e treatment; 1 agment with oly stitching approximately fore	Damp from exca Dirt, midden dep present on all su within the weave penetration of ro Fragments folder Differential staini fragments by are surface.	vation. osits rfaces and . Some ot hairs. d/wadded. ng of the ea and	SASS 1 Box 7	006 2009 Orga	nics Ir fie fol pr fra se sc tra al we re	These textile fragments were and the readed to remove bulk soil atrix and to relax wadded and ided fragments to allow for eliminary study. Each agment was placed on a action of plastic window reening and immersed in a ay of deionized water to which small amount of isopropyl cohol had been added as a etting agent. Both sides were peatedly tamped with a soft
Storage Recon	mendations	Other Notes	s nossibly i	nsect ni	inal sack disloc	bri haed ma	ush to loosen adhering soil atrix and flushed with
Keep flat, do n	ot tilt	from within during treat vial.	the seam ar ment, retain	ed with	ain weave fragm object in sample	nent so e fra fre	vionized water to clear the viling. If necessary the agment was transferred to a with to continue the
Image						cle the	eaning process. Creases in e fragment were teased open
62 Medalhemur 10066208#125 8/4/09 6HB BT	CME 2m <u>forkun</u> [®] 3 4 5 6 7 muluuluuluuluuluuluuluuluuluuluuluuluulu			a 19 Wantinger	Before treatment	du su Fo wa co re- de un dri re-	ing the cleaning and ibstantially flattened. Solowing cleaning the fragment as de-watered in a small intainer of isopropyl alcohol to duce the tendency of egraded felted wool to mat inaturally. It was then air- ied to remove the alcohol and sidual water.
CE 2 3 1 2 3 1 2 3 1 2 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			14 15 16 1	and and a second	After treatment		

SITE 1006	FIND 130	AREA C		CONTEXT 208			
MATERIAL TY	PE O	BJECT TYPE	DESCR		ATTE		N
Leather	Fra	gment	Very thin	torn piece of	Y		
DATE 8/03/2009	ID ELB	U 100	NIQUE_ID 06C208F130	Conse 8/11/2	ervation I 2009	Dat €or Greg	iservator ory Bailey
Material Cha Thin fragmen	aracteristics t of leather	Condition Torn, brittle, fo surfaces soilin	Ided, damp, g	SASS 1006 2 Box 7	Location 009 Orga	anics	Treatment 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.

Other Notes



SITE 1006	FIND 131	AREA C		CONT 208	EXT		
	F OF		DESCR		АТТЕ		1
Textile			Pieces of	cloth	Y		
DATE 8/03/2009	ID ELB		UNIQUE_ID 1006C208F131		Conservation D 8/4/2009	Dat €on Denn	servator is Piechota
Material Char 4 wool textile fr reddish in color felted, with whij along two edge along warp and treatment, 138 brown color, he twill weave frag measured alon weft before trea 38mm; 69 x 45	acteristics agments, 1 c, somewhat p-stitching s, measured l weft before x 33mm; 3 erring bone gments, g warp and atment, 64 x mm, 18 x	Condition Damp from Dirt, midder present on within the w penetration Fragments	excavation. n deposits all surfaces and /eave. Some of root hairs. folded/wadded.	SASS Box 7	torage Location 1006 2009 Orga	anics	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
Storage Recom Keep flat, do no	mendations ot tilt	Other N Small eggs/p herring Sampl with th	otes circular and oval pupal sacks were bone twill fragm es were placed in e object.	detritus found i ient dur n a 1ml	, possibly insec n the fold of the ing treatment. vial and retaine	ed	orush 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
Intrage		R le da lhe: mur part of the second s		T 10 19 Industrialization T 10 19	Before treatment		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.

SITE 1006	FIND 133	AREA C		CONT 209	EXT		
MATERIAL TYP	E OB	JECT TYPE	DESCR	IPTION	ATTE		
Textile			Pieces of	cloth fr	om Y		
DATE 8/03/2009	ID ARY	UI 100	NIQUE_ID 06C209F133		Conservation E 8/12/2009	Dat eon s Grego	servator ory Bailey
Material Char Large number textile fragmen screen	acteristics of wool ts from	Condition Damp from exc midden deposi surface, some penetration. F folded/wadded from screen	cavation; dirt, ts present on root hair ragments are , damaged	SASS Box 7	orage Location 1006 2009 Orga	anics	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
Storage Recom Keep flat, do no	mendations	Other Notes	5			1 (5 1	matrix and flushed with deionized water to clear the soiling. If necessary the ragment was transferred to a resh water bath to continue the
Image						(cleaning process. Creases in
		t de la constantia de l			Before treatment		The relation 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.

SITE 1006	FIND 134	AREA C		CONT 209	EXT	
MATERIAL TYP	PE OB	JECT TYPE	DESCR		ATTENTIO	N
Textile			Pieces of	f cloth	Y	
DATE 8/03/2009	ID ELB	UN 1006	I QUE_ID 6C209F134		Conservation DatEor8/4/2009Greg	nservator Jory Bailey
Material Char Wool textile fra brown color, h twill weave, fol approximately before treatme Storage Recon Keep flat, do n	racteristics agment, erring bone lded, 54 x 43mm ent.	Condition Damp from exc Dirt, midden de present on all s within the weav penetration of ro Fragments folde	avation. posits urfaces and e. Some oot hairs. ed/wadded.	SASS Box 7	torage Location 1006 2009 Organics	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
Image						and 10 x 4mm. Creases in the fragment were teased open
E Medarke.mur boog C 209 # 184 E / 4/09 GHB BT				a 19 milantimin	Before treatment	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.
062 04 1 2 3 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					After treatment	

SITE 1006	FIND 136	AREA C		CONTE 210	EXT		
MATERIAL TYP	PE OB	JECT TYPE	DESCR		ATTE	NTION	
Fextile			Pieces of	cloth fro	om Y		
DATE 8/04/2009	ID ARY	U 10	NIQUE_ID 06C210F136		Conservation D 8/12/2009	at €onser Gregory	vator Bailey
Material Cha Large number textile fragmer screen	racteristics of wool nts from	Condition Damp from ex midden depos surface, some penetration. F folded/wadded	cavation; dirt, its present on root hair ragments are d.	SASS 1 Box 7	orage Location 006 2009 Orga	inics The field ma folc pre frag sec tray a si alco wet rep bru	Treatment ese textile fragments were d treated to remove bulk soil trix and to relax wadded and led fragments to allow for liminary study. Each gment was placed on a tion of plastic window eening and immersed in a v of deionized water to which mall amount of isopropyl phol had been added as a ting agent. Both sides were eatedly tamped with a soft sh to loosen adhering soil
Storage Recon	nmendations					ma dei	trix and flushed with onized water to clear the
Image						soil frag fres clea	Ing. If necessary the iment was transferred to a sh water bath to continue the aning process. Creases in fragment were tagged appendix
	en concer en concer industrialistication industrial	A the analysis of the second s			Before treatment	the dur sub Fol was con red deg unr drie res	Tragment were teased open ing the cleaning and stantially flattened. owing cleaning the fragment s de-watered in a small stainer of isopropyl alcohol to uce the tendency of graded felted wool to mat naturally. It was then air- ed to remove the alcohol and idual water.

SITE 1006	FIND 137	AREA C		CONTEXT 210		
MATERIAL T	YPE OB	JECT TYPE	DESCR		ATTE	NTION
Lithic	Obsi	dian	Piece of	obsidian -	Ν	
DATE 8/04/2009	ID ELB	U 10	NIQUE_ID 06C210F137	Cor 8/1	servation D 1/2009	at ©onservator Gregory Bailey
Material Ch Obsidian with fractures, 30	aracteristics h conchiodal x 28 x 21mm	Condition Dirt present or	n all surfaces	SASS 1006	Je Location S 2009 Box	Treatment Cleaned mechanically using a soft hair bristle brush and bamboo skewer. Washed with deionized water rolled on swabs.

Storage Recommendations Other Notes



SITE	FIND	AREA		CONTEXT		
1006	140	С		212		
MATERIAL TY	PE OB	JECT TYPE	DESCR	IPTION	ATTE	NTION
Metal			bent piec	e of iron,	Y	
DATE 8/06/2009	ID ELB	UN 100	NIQUE_ID 06C212F140	Cons 8/11/	servation D /2009	at ©onservator Gregory Bailey
Material Cha Curved iron o x 13mm	iracteristics bject, 40 x 22	Condition Dirt and corrost surfaces. Obje shows signs of spalls	ion on all ect is brittle, previous	Storage SASS 1006 Metals Conta	e Location 2009 Box ainer	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
Storage Recor	nmendations	Other Notes	S			isopropyl alcohol) rolled on cotton swabs with three hours between applications.

I cm 062 CME 2m <u>UFFUN</u> ^o FED 1 2 3 4 5 6 7 8 9 10 11 Huller Huller Hul	Before treatment
1006C212#140 B) 8/11/09 GHB 12.345678910 12.345678910 12.345678910 Medalke:mur 1006C212#140 AT 1006C212#140 AT 1006C212#140 AT 1006C212#140 AT	After treatment

SITE 1006	FIND 144	AREA C		CONTEXT 112			
MATERIAL TY	'PE	OBJECT TYPE	DESCF	RIPTION	ATTENTION		
Textile							
DATE 8/13/2009	ID ELB		UNIQUE_ID 1006C112F144	Conserva 8/14/2009	ition Dat e onse 9 Gregory	≽rvator y Bailey	
Material Cha Small reddish fragment.	aracteristic n wool texti	s Condition le		Storage Loc Cold Storage	sation No	Treatment one placed in cold storage	

Other Notes Further treatment/assessment recommended

Keep cool and humid

Image	

SITE 1006	FIND 142	AREA C		СОNTEXT 212		
MATERIAL TY	PE OB	ЈЕСТ ТҮРЕ	DESCR	IPTION	ATTENTIO	N
Metal						
DATE 8/14/2009	ID ELB		UNIQUE_ID 1006C212F142	Conserv 8/14/200	ation Dat € o)9 Gree	nservator gory Bailey
Material Cha 2 pieces of iro be associated x 4mm; bell-sł 34 x 20 x 16m	racteristics on, appear to ; bar, 24 x 10 naped piece, im	Condition Damp, dirt, present on	corrosion all surfaces.	SASS 1006 200 Metals Containe	cation 19 Box er	Treatment Cleaned mechanically using bamboo skewers and soft nylon bristle brush. Documented and placed in dry storage.

Other Notes

Monitor for corrosion

Further treatment/assessment of this piece is recommended

SITE 1006	FIND 143	AREA C	С 1	ONTEXT 12		
MATERIAL T	YPE O	ВЈЕСТ ТҮРЕ	DESCRIPT	TION	ATTENTIO	N
Ceramic						
DATE 8/13/2009	ID AMS	UN 100	I IQUE_ID 6C112F143	Conserva 8/14/200	ation Dat e o 9 Greç	nservator gory Bailey
Material Ch Circular obje rounded con on one side a opposite, 13i 17mm tall, m organic, such horn.	aracteristics ct with ical projection and flat face o mm diameter, laterial may be n as bone or	Condition Damp, dirt pres surfaces n	ent on all SA	Storage Loc ASS 1006 2009	cation 9 Box	Treatment Air-dried, brushed with soft hair bristle brush.
Storage Reco	ommendations	Other Notes Resemble [105]F144 possible	s in size and sha , further examin	ape Glaumbae ation/assessm	er 111C lent	
Image						

SITE 1006	FIND 146	AREA C	CON 110	ITEXT 4		
MATERIAL TY	PE C	BJECT TYPE	DESCRIPTIO	N ATT	ENTION	
Metal						
DATE 8/13/2009	ID ARY	UNI 1006	QUE_ID C1104F146	Conservation 8/14/2009	Dateonservator Gregory Bailey	
Material Char rivet with oblo 15 x 10mm	aracteristics ong head, 25	Condition X Damp. Dirt, com present on all su	rosion SAS: Irfaces Meta	Storage Location S 1006 2009 Box Is Container	Air-dried, cleaned me using bamboo skewe nylon bristle brush. F dry storage.	echanically rs and Placed in

Other Notes Further treatment/assessment is recommended

Monitor for corrosion