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## **Pernil Alto. An agricultural village of the Middle Archaic Period in Southern Peru, Description of features**

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# Features of Pernil Alto

Given are the information about the features recovered and excavated at Pernil Alto. Each single description begins on a new page. The headline always gives first the number of the feature and then the class of the feature. The features are organised by the feature numbers. Each feature is associated with the regarding unit number, and in cases when a feature expanded over more than one unit a second unit number is mentioned (in the field “and partly”). Next to that, the year of the campaign is given. If a feature represents a burial, the first mentioned number – before the unit number – is the burial number. A further group association is given, when the feature was associated to a group (compare text). The next line gives information about the period, to which a feature was associated. These are: “modern”, “ceramic”, “archaic”, “natural”. Furthermore, the assigned phase is given for the features associated with the Middle Archaic occupation at Pernil Alto. These reflect the phases which resulted from the chapter “Dating and chronology” of the text.

The main text field gives a description of the feature. Only features of the Middle Archaic occupation are described in detail. All other features are only briefly described, because they were already subject to former investigations (compare chapter “The site of Pernil Alto”). If necessary, the features were commented and an interpretation is given. Both is done in special fields. The remaining information in the description section regards the direct stratigraphic connections of the feature (“above”, “below”, “strat. equal to”, “forms one with”). The numbers behind refer to the regarding features with stratigraphic connections. Only the direct relations are given. However, using this information the Harris-diagram can be reconstructed. Furthermore, the location in relation to the next closest feature are given to provide a better ori-

entation. The last information gives the numbers of the figures of the text on which the feature is visible. All the last mentioned information is very brief again with features not associated with the Middle Archaic occupation. In case a feature is depicted on a figure in the text, the regarding number of the figure in the text is mentioned. If the feature is depicted in an excavation plan (found only in the appendix), the plan number is mentioned.

Detailed anthropological information is given if a feature was a burial. Those information include the individual number (which is with the exception of the double burials always the same as the burial number), the age class, the estimated age (“est. age”) in years, the sex, a detailed description of the skeleton, and, if necessary, comments.

After that, all associated samples and findings are briefly listed. The lists include basic information and should mostly be self-explaining. Lists are given for associated Strontium isotope samples, artifacts, radiocarbon samples, macrobotanical remains, vertebratae remains, and invertebratae remains. Further information about the artifacts can be found in the list of artifacts, which is a special section of the appendix. Here, only the artifact number, the category and subdivision are given. The vertebratae remains are listed according to individuals of the regarding feature. The individuals are numbered within a feature always starting with 1. A field for artifact numbers is given with the lists of macrobotanic-, vertebratae-, and invertebratae remains. They give the number of the artifact when the remain was both, an artifact and a remain. This is for example the case for bone artifacts. However, each single artifact has only one number and is listed in the artifact list

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**Feature 2923 floor**

Unit: 5 and partly 6; excavated in 2004

Period: ceramic; Phase: ceramic

Description: brown floor remain comprised of organic material and covered by a layer of fine beige soil; mixed with some plant remains, charcoal and ashes; in the centers of Units 5 and 6

Stratigraphic position: above: 2977; below: 2976

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**Feature 2957 floor**

Unit: 5 and partly: 6; excavated in 2004

Period: ceramic; Phase: ceramic

Description: compact floor remain of 3 cm thickness, comprised of burned clay; located in the centers of Units 5 and 6

Stratigraphic position: above: 2992; below: 2975

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**Feature 2968 modern surface**

Unit: 5; excavated in 2004

Period: modern; Phase: modern

Description: modern surface; located in the southwest of Unit 5; consists of loose and dusty soil of beige color; mixed with huarango leafes and goat excrements; in the northern part rubble and loose sand

Comments: ceramic fragments of different periods were found already in this uppermost layer

Stratigraphic position: above: 3221; forms one with: 2974; 3101; 3140; 3216; 3970

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**Feature 2974 modern surface**

Unit: 6; excavated in 2004

Period: modern; Phase: modern

Description: modern surface in Unit 6; excavated in 2004; located in the northwest of Unit 6; consists of loose and dusty soil of light beige color; mixed with modern vegetal remains and some middle-sized stones

Comments: ceramic fragments of different periods were found already in this uppermost layer

Stratigraphic position: above: 2981; 3027; forms one with: 2968; 3101; 3140; 3216; 3970

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**Feature 2975 floor**

Unit: 5 and partly: 6; excavated in 2004

Period: ceramic; Phase: ceramic

Description: compactation of brown soil mixed with organic remains; burned soil; decomposed plant remains; covered by a fine layer of beige clay; located in the centers of Units 5 and 6

Stratigraphic position: above: 2957; below: 2977

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**Feature 2976 alluvial sediment**

Unit: 5 and partly: 6; excavated in 2004

Period: ceramic; Phase: ceramic

Description: large river sand patch consisting of fine layers of fine soil; produced by rainfall or flooding; covering large parts of floors and walls and fire marks; located in the centers of Units 5 and 6

Stratigraphic position: above: 2923; below: 2968

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**Feature 2977 plant concentration**

Unit: 5 and partly: 6; excavated in 2004

Period: ceramic; Phase: ceramic

Description: concentration of yuca remains above finding of a concentration of yucca; asociated to burned posts; located in the center of Unit 5

Stratigraphic position: above: 2975; below: 2923

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**Feature 2980**      **infilling**

Unit: 5 and partly: 6; excavated in 2004

Period: ceramic; Phase: ceramic

Description: a filling of a floor of beige, semi-compact clumpy soil; mixed with organic material; located in Units 5 and 6

Stratigraphic position: above: 3009; below: 3027

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**Feature 2981**      **plant concentration**

Unit: 6; excavated in 2004

Period: ceramic; Phase: ceramic

Description: concentration of Lima beans above a floor

Comments: location not absolutely clear

Stratigraphic position: above: 3009; below: 2974

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**Feature 2992**      **floor**

Unit: 5 and partly: 6; excavated in 2004

Period: ceramic; Phase: ceramic

Description: a floor associated with a row of posts; the prominent parts of the posts are burned; the posts reach down to the natural surface; located in Units 5 and 6

Stratigraphic position: above: 3014; below: 2957

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**Feature 3009**      **floor**

Unit: 5 and partly: 6; excavated in 2004

Period: ceramic; Phase: ceramic

Description: compaction of beige fine soil situated above a filling of organic material; associated with two walls; located in Units 5 and 6

Stratigraphic position: above: 3025; below: 2980; 2981

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**Feature 3014**      **floor**

Unit: 5 and partly: 6; excavated in 2004

Period: ceramic; Phase: ceramic

Description: floor of approx. 3-5 cm thickness; comprised of beige compact clay; associated to fine, burned posts of about 5 cm of diameter; situated above remains of adobe; the filling had a thickness of about 10 cm; associated to two walls; located in Units 5 and 6

Stratigraphic position: above: 4300; below: 2992

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**Feature 3025**      **floor**

Unit: 5 and partly: 6; excavated in 2004

Period: ceramic; Phase: ceramic

Description: floor comprised of clumpy soil and organic refuse material; located in Units 5 and 6

Stratigraphic position: below: 3009

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**Feature 3027**      **pit**

Unit: 6; excavated in 2004

Period: ceramic; Phase: ceramic

Description: a middle sized pit of the ceramic occupation; located in the northeast of Unit 6; within the material clay with impressions of reed was found

Comments: no detailed material description available

Stratigraphic position: above: 2980; below: 2974

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.....  
**Feature 3101      modern surface**

Unit: 9   excavated in 2005

Period: modern; Phase: modern

Description: modern surface in Unit 9; excavated in 2004; located in the northern part of Unit 9; consists loose soil and dust of brown color; mixed with stones from the rock face and gravel; mixed with bottle caps, glass fragments, huarango twigs, reed remains and yucca remains

Stratigraphic position: above: 3102; forms one with: 2968; 2974; 3140; 3216; 3970

.....

**Feature 3102      natural filling**

Unit: 9   excavated in 2005

Period: ceramic; Phase: ceramic

Description: natural filling comprising of beige semi-compact sand; mixed with gravel from the rock face; located in Units 5 and 6

Stratigraphic position: above: 3141; 9766; 9767; 9792; 9817; 9827; 9830; ; below: 3101

.....

**Feature 3106      infilling**

Unit: 9   excavated in 2005

Period: ceramic; Phase: ceramic

Description: filling layer consisting of brown semi-compact soil; mixed with gravel; some fire marks; associated to small posts; located in the center of Unit 9 (campaign of 2005)

Stratigraphic position: above: 3146; 4458; 4458b; 4463; 9821; 9843; 9845; below: 9766; 9767; 9792; 9817; 9827; 9830; 9831

.....

**Feature 3140      modern surface**

Unit: 16   excavated in 2005

Period: modern; Phase: modern

Description: modern surface in Unit 16; excavated in 2005; located in the center part of Unit 6; consists of loose dusty soil of brown color; mixed with animal remains

Comments: ceramic fragments of different periods were found already in this uppermost layer

Stratigraphic position: above: 3142; 3161; 3162; 3163; forms one with: 2968; 2974; 3101; 3216; 3970

.....

**Feature 3141      burial**

Burial: 6 Unit: 9   excavated in 2005

Period: ceramic; Phase: ceramic

Description: Burial 6; a single burial of the occupation of the ceramic occupation; located in the southwest of Unit 9

Stratigraphic position: above: NaSuU9; below: 3102

.....

**Feature 3142      infilling**

Unit: 16   excavated in 2005

Period: ceramic; Phase: ceramic

Description: filling of beige semi-compact soil and gravel of the ceramic occupation; located in the southeast of Unit 16

Stratigraphic position: above: 3143; 3145; 3164; below: 3140

.....

**Feature 3143      infilling**

Unit: 16   excavated in 2005

Period: ceramic; Phase: ceramic

Description: infilling of beige semi-compact soil and gravel of the ceramic occupation; inside a small post; located in the southeast of Unit 16

Stratigraphic position: above: 3160; 3165; below: 3142; 3161; 3162; 3163

Associated radiocarbon samples

Sample	material	size (mg)	radiocarbon age (BP)	±	delta13 ‰
Hd-28707	wood	13	2787	17	-30,9

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**Feature 3145      bird remains**

Unit: 16 excavated in 2005

Period: ceramic; Phase: ceramic

Description: remains of a small bird; placed in sedentary position; strongly decomposed; situated above organic infilling; associated to a small pit; located in the southeast of Unit 16

Stratigraphic position: above: 3166; below: 3142

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**Feature 3146      infilling**

Unit: 9 excavated in 2005

Period: ceramic; Phase: ceramic

Description: infilling in the test trench in the south of Unit 9 in 2005; consisting of organic material and dark soil; ash remains and red burned soil; located in the test trench in the south of Unit 9 (campaign of 2005)

Stratigraphic position: above: 3155; 4472; 9794; 9795; 9796; 9797; 9808; ; below: 3106  
strat. equal to: 4458; 4458b

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**Feature 3155      burial**

Burial: 9 Unit: 9 excavated in 2005

Period: ceramic; Phase: ceramic

Description: Burial 9; a single burial of the occupation of the ceramic occupation; located in the south of Unit 9 (campaign of 2005)

Stratigraphic position: above: NaSuU9; below: 3146

On figure(s): 44

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**Feature 3160      shell concentration**

Unit: 16 excavated in 2005

Period: ceramic; Phase: ceramic

Description: concentration of choromitylus shells in brown semi-compact soil of the ceramic period; scattered in an area of about 30 cm of diameter; located in the southeast of Unit 16

Stratigraphic position: above: 3168; below: 3143

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**Feature 3161      trophy head**

Unit: 16 excavated in 2005

Period: ceramic; Phase: ceramic

Description: trophy head of the ceramic occupation; located in yellow semi-compact soil; view direction to the north; located in the west of Unit 16

Stratigraphic position: above: 3143; below: 3140

strat. equal to: 3163

---

**Feature 3162      bone concentration**

Unit: 16 excavated in 2005

Period: ceramic; Phase: ceramic

Description: infilling of yellow semi-compact soil of the ceramic occupation; within the soil a concentration of long bones with signs of usage; orientated from north to south; average size of 30 cm length and 3 cm width; probably camelid bones; located in the west of Unit 16

Stratigraphic position: above: 3143; below: 3140



## Associated radiocarbon samples

Sample	material	size (mg)	radiocarbon age (BP)	±	delta13 ‰
Hd-26782/LuS50103	charred leafs	27	5008	43	-18,7
Hd-26776/LuS50070	charcoal	34	4930	44	-22,2
Hd-26775/LuS50067	charred reed	6	4776	42	-8,7

## Associated macrobotanical remains

taxon	topology	comp. rem.	fragment	total	weight (g)
Gynerium sagittatum	stem		1	1	0,5
cf. LILIOPSIDA	stem		2	2	0,5

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**Feature 3167b      burial**

Burial: 10; Unit: 16; excavated in 2005; Group: St\_19\_dw

Period: archaic; Phase: 0

Description: Feature 3167b (Burial 10) refers to the remains of an individual in the center of the bottom of a large pit (Feature 3167d) in the central south of Unit 16. It was a primary, single burial. The individual was located below a burned zone (Feature 3167a) consisting of burned material and burned wooden posts. The individual was not deposited in a burial pit. It was covered with a thin layer of yellowish soil and surrounded by burned material. It was deposited in an extended position, orientated from the northeast to the southwest with a maximum length of 157 cm and a maximum width of 66 cm. On the cranium the remains of a meshed textile were located, probably the remains of a cap. Within the meshed textile a bone artifact was located. Twelve oval shell beads made of *Fissurella* sp. were located east of the leg remains. 56 discoidal beads were located partly east of the pelvis and partly close to the neck. On the shoulder region of the individual the remains of a net were located. Most of the associated artifacts showed fire impact. The remains of a burned mat made of plant fibers was located below and probably above the individual. Nevertheless the individual itself was relatively well preserved.

Comments: It is not clear whether the feature is an intentional burial or the result of an accident, thus only the artifacts that were in direct contact to the human remains are listed as grave goods. The other artifacts of the large pit were associated with Feature 3167c, which represents the filling material of the large pit. The feature was originally documented as Feature 3167. This feature was separated into Features 3167a-d. 3167b was reconstructed from the descriptions, drawings and photographs.

Interpretation: Probably not a regular burial but a burned down dwelling in which an individual was situated. It is unclear whether this is the result of an accident or of a special treatment of the individual.

Stratigraphic position: above: 3167d; below: 3167a

Location (closest features): north: 3167a; east: 3167a; south: 3167a; west: 3167a

On figure(s): 42; 43b-c; 45; 46a; 47a

## Anthropological information

Individual: 10      age class: adult      est. age: 30-35 years      sex: male

Description of skeleton: The skeleton was completely articulated. It was situated in a prone position with the arms parallel to the vertebra and the hands below the pelvis. The head is strongly overturned so that the view direction and the direction of the vertebra are of the same and are directing to the northeast. The right leg is nearly stretched and just sparsely flexed. The left leg is flexed and the left foot is located on the right femur.

Associated artifacts

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No.	category	subdivision	No.	category	subdivision
537	twined	open simple twining	624	bead	discoidal shell bead
541	knotted	close grided	625	bead	discoidal shell bead
542	bone artifact	flat bone artifact	626	bead	discoidal shell bead
587	bead	oval shell bead	627	bead	discoidal shell bead
588	bead	oval shell bead	628	bead	discoidal shell bead
589	bead	oval shell bead	629	bead	discoidal shell bead
590	bead	oval shell bead	630	bead	discoidal shell bead
591	bead	oval shell bead	631	bead	discoidal shell bead
592	bead	oval shell bead	632	bead	discoidal shell bead
593	bead	oval shell bead	633	bead	discoidal shell bead
594	bead	oval shell bead	634	bead	discoidal shell bead
595	bead	oval shell bead	635	bead	discoidal shell bead
596	bead	oval shell bead	636	bead	discoidal shell bead
597	bead	oval shell bead	637	bead	discoidal shell bead
598	bead	oval shell bead	638	bead	discoidal shell bead
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617	bead	discoidal shell bead	657	bead	discoidal stone bead
618	bead	discoidal shell bead	658	bead	discoidal stone bead
619	bead	discoidal shell bead	659	bead	discoidal stone bead
620	bead	discoidal shell bead	799	knotted	close grided
621	bead	discoidal shell bead	1076	bead	oval shell bead
622	bead	discoidal shell bead			
623	bead	discoidal shell bead			

Associated invertebratae remains

Species	weight	MNI	artifact	comment
<i>Fissurella</i> sp.	1,3 g	13	587-598	oval shell beads;
undetermined shell	5 g	10	599-648	discoidal shell beads; MNI avaraged
undetermined bivalve	0 g	1		no further information; the shell was visible on the documentation fotos

**Feature 3167c dwelling contain**

Unit: 16 excavated in 2005 Group: St\_19\_dw

Period: archaic; Phase: 0

Description: Feature 3167c refers to the contain of a large pit (Feature 3167d). All found artifacts that were not in direct contact with the individual of burial 10 (Feature 3167b) were assigned to this feature. Some Oliva peruana snail shell pendants were located south of the right foot remains of the individual in the southwest of the large pit. In the north of the large pit more Oliva peruana pendants were located. In the same area a figurine made of a camild bone, a spear thrower head, the remains of one or more calabash vessels and the remains of a probable net were located. The later one very poorly preserved. All these items were located in a small area of 100 cm length from west to east and 40 cm width from north to south. In the west of the large pit a braiding tool was located. In the southwest of the large pit obsidian tools and fragments as well as animal remains from cervids and camelids. Some calabash remains were located behind the head of the individual of burial 10 in the eastern part of the large pit. One grinding stone was located in front of the individual, north of the center of the large pit. One braiding tool was located below the right leg of the individual The exact location of the other artifacts found in the feature is unknown.

Comments: Originally documented as Feature 3167; this feature was seperated into Features 3167a-d; 3167c was reconstructed from the desriptions, drawings and photographs; it represents just the artifacts found in the large pit and without direct contact with the individual; thus no feature shape and measurements are given

Interpretation: It is unclear, wether the artifacts represent grave goods of burial 10 or the original contain of dwelling 19.

Stratigraphic position: above: 3167d; below: 3167a

On figure(s): 46

Associated artifacts

No.	category	subdivision	No.	category	subdivision
102	projectile point	projectile point	1050	pendant	snail shell pendant
103	flake	flake	1051	pendant	snail shell pendant
104	flake	flake	1052	pendant	snail shell pendant
105	cutting tool	cutting tool	1062	pendant	snail shell pendant
106	borer	borer	1063	pendant	snail shell pendant
107	blade	blade	1064	pendant	snail shell pendant
186	percussor	hammerstone	1065	pendant	snail shell pendant
187	handstone	big percussor, circular	1066	pendant	snail shell pendant
216	figurine	camelid figurine	1067	pendant	snail shell pendant
217	spear thrower head	spear thrower head	1068	pendant	snail shell pendant
218	braiding tool	braiding tool	1069	pendant	snail shell pendant
219	braiding tool	braiding tool	1070	pendant	snail shell pendant
220	spatula	spatula	1071	pendant	snail shell pendant
349	color remain	raddle remain	1072	pendant	snail shell pendant
356	bottle gourd epicarp	bottle gourd vessel	1073	pendant	snail shell pendant
357	cord	simple cord	1074	pendant	snail shell pendant

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No.	category	subdivision	No.	category	subdivision
358	cord	simple cord	1075	pendant	snail shell pendant
538	cord	simple cord	1486	ground stone	medium
803	knotted	close grided			
804	twined	close simple twining			

Associated macrobotanical remains

taxon	topology	comp. rem.	fragment	weight (g)	artifact
Lagenaria siceraria	fruit		500	141	356
cf. LILIOPSIDA	n.d.		2	1	358
cf. MAGNOLIOPSIDA	stem		1	2	
Cucurbita sp.	seed	64	11	5	

Associated vertebratae remains

mammalia: cervidae: *Odocoileus virginianus* or *Hippocamelus antisensis*; 1 burned antler tip, 6 antler fragments  
 mammalia: camelidae or cervidae; artifact 542, fragment of 1 long bone  
 mammalia: camelidae or cervidae; artifact 220; fragment of 1 burned long bone  
 mammalia: camelidae or cervidae; artifact 219; fragment of 1 burned long bone  
 mammalia: camelidae or cervidae; artifact 218; fragment of 1 burned long bone, probably part of metacarpus  
 mammalia: camelidae or cervidae; artifact 217; fragment of 1 radius and ulna, proximal epiphyses  
 mammalia: camelidae or cervidae; artifact 216; 1 burnt right ulna, proximal epiphysis and parts of diaphyses  
 mammalia: cervidae: *Odocoileus virginianus*; 2 burned fragments of ramus  
 mammalia: cervidae: *Odocoileus virginianus* or *Hippocamelus antisensis*; 12 burned fragments of antler parts, 4 fragments of burned antler tips, 1 burned incomplete antler base, 1 calcinated antler base, complete until first separation; calcinated

Associated invertebratae remains

*Oliva peruviana*; weight: 59,7 g; MNI: 17; artifacts: 1050-1052 and 1062-1075

**Feature 3167d pit**

Unit: 16 excavated in 2005 Group: St\_19\_dw

Period: archaic; Phase: 0

Description: Feature 3167d was a large pit in the central south of Unit 16. It was encarved into the natural surface. It was of irregular oval shape, orientated from northwest to southeast. The bottom was relatively flat and the walls steep. It was 295 cm long, 245 cm wide and about 80 cm deep. It contained a burial (Burial 10, Feature 3167b) in the center. This burial and some central space of the large pit were covered with a burned zone (Feature 3167a). Within the large pit several artifacts were located (Feature 3167c). The large pit was damaged in the southeast by two intrusive small pits. The large pit was filled with material from Feature 3168 above Feature 3167a.

Comments: the shape of the pit is disturbed by two later pits on the south-eastern edge; originally documented as Feature 3167; this feature was separated into Features 3167a-d; 3167a was reconstructed from the descriptions, drawings and photographs

Interpretation: The feature probably represents a large pit of a burned down dwelling.

Stratigraphic position: above: NaSuU16; below: 3167b; 3167c

Location (closest features): east: 4462a

On figure(s): 43b-c

**Feature 3168 sterile layer**

Unit: 16 excavated in 2005

Period: ceramic; Phase: ceramic

Description: a filling layer of the ceramic period within the arquitectonical unit 28; 10-25 cm thick; covers features 3167a and 3167d; in the east and the west the material was more coarse, whereas in the center above the location of bural 10 fine; located in the southeast of Unit 16

Stratigraphic position: above: 3167a; below: 3160; 3166

**Feature 3209 layer**

Unit: 13 excavated in 2005

Period: ceramic; Phase: ceramic

Description: layer of the ceramic occupation; covers nearly the entire west of Unit 13 (campaign of 2005); consists of coarse, semi-compact soil material mixed with gravel; numerous ceramic remains; damages caused by looter pits

Stratigraphic position: above: 3213; 3228; below: 3216; forms one with: 3221; 4081

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**Feature 3213 floor remain**

Unit: 13 and partly: 5 excavated in 2005

Period: ceramic; Phase: ceramic

Description: remain of a floor of the ceramic occupation; located close to wall 26 of the ceramic occupation; badly conserved; consists of a layer of soil mixed with numerous small stones; the material is semi-compact; mixed with botanic remains; damages caused by looter pits; located in the south of Unit 13 and the north of Unit 5 (campaign of 2005)

Stratigraphic position: above: 3214; 3224; 3226; 3230; 3232; below: 3209

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**Feature 3214 filling layer**

Unit: 13 and partly: 5 excavated in 2005

Period: ceramic; Phase: ceramic

Description: occupation debris as filling layer in Unit 13 of the ceramic occupation; consists of coarse soil of brown color; very much mixed with ashes and charcoal; mixed with organic remains; mixed with gravel; this occupation debris covers in different thickness the parts of Unit 13 and Unit 5 that were excavated in 2005 and is found as filling material as well in the large pits Feature 3220, 3222 and 3231

Interpretation: probably a levelling level of the Initial period, that filled the still open large pits of structures 1,2, and 3

Stratigraphic position: above: 3223; 3225; 3227; 3229; 3233; 9698; below: 3213; 3221; 3224; 3226; 3228; 3230; 3232

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**Feature 3216 modern surface**

Unit: 13 excavated in 2005

Period: modern; Phase: modern

Description: modern surface in Unit 13, excavated in 2005; located in the western part of Unit 13; consists of loose fine sand of light beige color; disturbed by four looter pits

Stratigraphic position: above: 3209; forms one with: 2968; 2974; 3101; 3140; 3970

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**Feature 3220 pit**

Unit: 13 excavated in 2005 Group: St\_01\_dw

Period: archaic; Phase: 5

Description: Feature 3220 was large pit in the north of Unit 13. It was excavated in 2005. It was encarved into the natural surface. It was filled with filling material from the ceramic period (Feature 3214). On the surface the large pit was of irregular oval shape, orientated from north to south. The northern part was limited by the edge of the excavation unit and thus straight. The walls of the pit were relativeley steep, whereas the bottom was plane. The pit was encarved into the natural surface. It had a depth of 58 cm in the south, 25 cm in the east and 72 cm in the west. The differences in the depth were produced by the inclination of the natural surface towards the east in this part of the excavation area. The large pit was 223 cm wide and 250 cm long. In 2008 a amplification in the northern part was excavated (Feature 4080). The drawings were not available. The bottom of the pit was 180 cm wide and 230 cm long. On the bottom of the pit a stone concentration (Features 3223 and 4083) and a fire mark (Feature 9699) were found. The pit was found during the excavation of a large looter pit located within the center of the large pit.

Stratigraphic position: above: NaSuU13; below: 4083; 9699

Location (closest features): east: 3984; south: 3222

On figure(s): 30

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**Feature 3221 layer**

Unit: 5 excavated in 2005

Period: ceramic; Phase: ceramic

Description: occupation debris in the north eastern corner of Unit 5, excavated in 2005; consists of sandy soil of grey color and small stones; was about 30 cm wide and orientated from west to east; located in the northwestern corner of Unit 5 (campaign of 2005)

Stratigraphic position: above: 3214; below: 2968; forms one with: 3209; 4081

**Feature 3222 pit**

Unit: 13 and partly: 5 excavated in 2005 Group: St\_02\_dw

Period: archaic; Phase: 0

Description: Feature 3223 was a large pit in the southwest of Unit 13 and partly in the northwest of Unit 5. It was en-carved into the natural surface. The shape on the surface was irregular oval, orientated from northeast to southwest. The walls of the pit were relativeley steep. The bottom was relativeley plane. It was filled with material from the ceramic occupation (Feature 3214). On the southeastern edge the shape was slightly damaged by the pits of two burials (Burial 13, Feature 3226 and Burial 14, Feature 3228). The shape of the northwestern edge was slightly damaged by the pit of another burial (Burial 12, Feature 3227). The maximum length was 321 cm from the northeast to the southwest. The maximum width was 201 cm from the northwest to the southeast. The depth was 87 cm. On the bottom of the pit Burial 12 (Feature 3227) was located. In the southwestern edge of the bottom of the large pit Burial 15 (Feature 3229) was located. The large pit was found during the excavation of a large looter pit located within the center of the large pit.

Stratigraphic position: above: NaSuU13; below: 3225; 3227; 3229

Location (closest features): north: 3220; east: 3226, ; south: 9917

On figure(s): 30; 31

**Feature 3223 stone concentration**

Unit: 13 excavated in 2005 Group: St\_01\_dw

Period: archaic; Phase: 5

Description: Feature 3223 was a stone concentration in the north and center of the bottom of a large pit (Feature 3220). The concetration consisted mainly of big and middle sized stones. Two of them were the fragments of one motar. A few others stones were handstones. The shape of the concentration was very irregular and the stones were in disorderd position. In the southern part abundant remains of charcoal were mixed with the material. The bottom was irregular. The maximum lenght from north to south was 190cm. The maximum widht was 150 cm. The depth was about 60 cm. It was located above the bottom of Feature 3220 and above Feature 9699, which was a fire mark.

Comments: One of the motars was lost. A distal epiphysis of a humerus and a burned phalanx were found in the material, probably the remains from a disturbed burial. The feature itself is no burial and no disturbed burial.

Stratigraphic position: above: 9699; below: 3214; forms one with: 4083

Location (closest features): east: 3220; south: 3220; west: 3220

On figure(s): 30

Associated artifacts

Number	category	subdivision
175	handstone	very small, circular
176	handstone	big, percussor-palette
177	handstone	medium, percussor-palette
205	mortar	mortar
377	bead	discoidal shell bead
378	bead	oval shell bead
379	bottle gourd epicarp	bottle gourd vessel

Associated radiocarbon samples

Sample	material	size (mg)	radiocarbon age (BP)	±	delta13 ‰
Hd-26779/LuS50068	charcoal	28	4376	58	-25,1

Associated macrobotanical remains

taxon	topology	fragment	total	weight (g)	artifact
Lagenaria siceraria	fruit	3	3	7	379

Associated vertebratae remains

mammalia: undetermined; 3 fragm. of flat bone; 9 fragm. of long bone  
 mammalia: camelidae; 1 costa proximal epiphysis, 1 ilium fragment  
 mammalia: Homo sapiens; 1 burned phalax, 1 tibia distal epiphysis

Associated invertebratae remains

Species	weight	MNI	artifact	comment
<i>Fissurella</i> sp.	4,3 g	1		the only complete example from the site
<i>Choromytilus chorus</i>	6,4 g	1		
<i>Fissurella</i> sp.	0,1 g	1	378	

**Feature 3224 burial**

Burial: 11 Unit: 5 excavated in 2005  
 Period: ceramic; Phase: ceramic  
 Description: Burial 11; a single burial of the ceramic period; pit encarved until the natrual surface; located in the north-west of Unit 5 (campaign of 2005)  
 Stratigraphic position: above: 3214; below: 3213

**Feature 3225 special finding**

Unit: 13 excavated in 2005  
 Period: ceramic; Phase: ceramic  
 Description: special finding of a bag of made of plant fibers on the northwestern edge of the bottom of a large pit (Feature 3222) and close to Burial 12 (Feature 3227); found directly below the material of Feature 3214  
 Stratigraphic position: above: 3222; below: 3214

**Feature 3226 burial**

Burial: 13 Unit: 5 excavated in 2005  
 Period: ceramic; Phase: ceramic  
 Description: Burial 13; a single burial of the ceramic occupation; pit is encarved until the natural surface; the burial is located between two large pits (Feature 3222 in the northwest and Feature 3231 in the southwest); the pit of the burial partly damaged the edges of the large pits  
 Stratigraphic position: above: 3214; below: 3213

**Feature 3227 burial**

Burial: 12 Unit: 13 excavated in 2005 Group: St\_02\_bu  
 Period: archaic; Phase: 1  
 Description: Burial 12 was a single, primary burial. It was located in the west of the bottom of a large pit (Feature 3222) in the southwest of Unit 13. The individual was deposited into a shallow pit. The surface form of the pit was regular oval but was damaged on the eastern end by a looter pit. The pit was encarved into the natural surface. It was orientated from east to west. It was 104 cm long, 53 cm wide and about 14 cm deep. The first level of the burial pit was filled with semi-compact soil of beige color that was mixed with middle sized stones. Below that a fine layer of fine sand and very small stones was located. Below the fine sand the individual was deposited. The individual was wrapped in mat of coarse plant fibers. The mat was tied up with a strong cord arround the position of the neck in the west of the burial that was knotted with a strong knot in the location of the neck. The mat was badly preserved and decayed by touching. Above the mat in the center of the burial a long, wooden textile shuttle was located. Below the mat the remain of a meshed textile of plant fibers was located on the cranium. This was badly preserved and decayed by touching. The pit of the burial partly damaged the western outer edge of the large pit, in which it was located (Feature 3222).  
 Comments: The burial was damaged by a looter pit in the western part. The lower extremities were removed and not found.  
 Stratigraphic position: above: 3222; below: 3214  
 Location (closest features): north: 3222; east: 3222; south: 3225; west: 3222  
 On figure(s): 30; 31; 45; 46b; 47b  
 Anthropological information

Individual: 12 age class: adult est. age: 25-30 years sex: female

Description of skeleton: The individual was deposited in a left side extended position. The arms were positioned lateral at the body sides. The right arm on the body with the hand on the pelvis. The left arm was until the elbow below the rest of the skeleton with the lower arm behind the back of the individual. The exact position of the head is not reported but probably not bent. Thus the direction of view was to the north. The skeleton was covered with a mat. The lower part of the body from the pelvis downwards was destroyed by a looter pit.

Associated artifacts

Number	category	subdivision
212	carved wood	braiding tool
213	bottle gourd epicarp	bottle gourd vessel
805	cord	simple cord
1536	twined	open simple twining
1537	looped	nd

Associated radiocarbon samples

Sample	material	size (mg)	radiocarbon age (BP)	±	delta13 ‰
Hd-26778/LuS50102	plant fiber	26	4614	57	-32,8
Hd-26688	bottle gourd	3	4677	31	-25,8

Associated macrobotanical remains

taxon	topology	fragment	total	weight (g)	artifact
Lagenaria siceraria	fruit	2	2	0,5	213
cf. Typha/POACEAE	leaf	1	1	5	805

**Feature 3228 burial**

Burial: 14 Unit: 13 excavated in 2005

Period: ceramic; Phase: ceramic

Description: Burial 14; a single burial of the ceramic occupation; the pit is encarved until the natural surface; it is located between two large pits (Feature 3222 in the northwest; Feature 3231 in the southeast); the pit of the burial partly damaged the edges of the large pits

Stratigraphic position: above: 3214; below: 3209

**Feature 3229 burial**

Burial: 15 Unit: 13 and partly: 5 excavated in 2005 Group: St\_02\_bu

Period: archaic; Phase: 1

Description: Burial 15 was a single, primary burial. It was located in the south of the bottom of a large pit (Feature 3222) in the southwestern corner of Unit 13, reaching into the northwest of Unit 5. The individual was deposited in a shallow pit that was encarved into the natural surface. The pit had an oval shape. It was orientated from northwest to southeast. It was 100 cm long, 67 cm wide and about 20 cm deep. The walls of the pit were relatively inclined and the bottom was plane. It was encarved into the natural surface. The pit was covered with 10 large stones. A big stone was deposited directly above the position of the head. Another big stone was located above the position of the femur and thus orientated towards the north. The other big stones formed an irregular plaster above the body skeleton. Below the plaster a level of soil, mixed with smaller stones was found. Within this filling material some few charcoal remains were found. Below the filling material the remains of a mat of plant fibers were detected. Below the mat the individual was deposited. On the bottom of the pit below the individual a fine layer of river sand was located. Around the neck of the individual around the wrapping mat a strong cord was tied, with a large knot in front of the mandible.

Stratigraphic position: above: 3222; below: 3214

Location (closest features): north: 3225; east: 3222; south: 3222; west: 3222

On figure(s): 30; 31; 45; 46c; 47c

Anthropological information

Individual: 15 age class: mature est. age: >40 years sex: male

Description of skeleton: The individual was deposited in a supine position. The orientation of the individual was from northwest to southeast with the head in the northwest. The head was slightly bent towards the left side, producing a view direction to the east. The arms were positioned lateral with the hands located on the pelvis. The legs were

angled with the knees pointing towards the northeast. Thus the femurs were in an angle of about 90° to the backbone. The legs were extremely flexed with the feet in contact to the pelvis. The knees of the individual were reaching out of the burial pit, but were covered with a large stone. The bones were impacted and partly damaged by the pressure of the big stones covering the burial.

Associated artifacts

Number	category	subdivision
1538	twined	nd
1539	cord	simple cord

Associated radiocarbon samples

Sample	material	size (mg)	radiocarbon age (BP)	±	delta13 ‰
Hd-28636	vegetal	32	4638	27	-19,9

**Feature 3230      burial**

Burial: 17      Unit: 5    excavated in 2005

Period: ceramic; Phase: ceramic

Description: Burial 17; a single burial of the ceramic occupation; the pit of the burial is encarved until the natural surface, which forms in this location the bottom of a large pit (Feature 3231) and thus damaged partly the bottom of the large pit

Stratigraphic position: above: 3214; below: 3213

On figure(s): 30d

**Feature 3231      pit**

Unit: 5 and partly: 13      excavated in 2005 Group: St\_03\_dw

Period: archaic; Phase: 5

Description: Feature 3231 was a large pit in the north of Unit 5, reaching partly into Unit 13. It was irregular oval, orientated from north to south. It was 248 cm long, 181 cm wide and 50 cm deep. The walls were steep and the bottom plane. The walls of the large pit were partly damaged in the west by the pits of Burial 13 (Feature 3226) and Burial 14 (Feature 3228). On the bottom of the pit Features 3233 and 9698 was located. The pit was filled with material from the ceramic occupation (Feature 3214). Burial 16 (Feature 3232) and Burial 17 (Burial 3230) of the ceramic occupation were intrusive into the filling material and reached the natural surface.

Interpretation: Due to the shape and location this large pit dates to the archaic occupation. As it was filled with material from the ceramic occupation it was still open and visible during the ceramic occupation.

Stratigraphic position: above: NaSuU5; below: 3233; 9698

Location (closest features): north: 3220; east: 9957; south: 4306

On figure(s): 30d

**Feature 3232      burial**

Burial: 16      Unit: 5    excavated in 2005

Period: ceramic; Phase: ceramic

Description: Burial 16; a single burial of the ceramic occupation; the burial is located on the southeastern edge of a large pit (Feature 3231); the burial pit is encarved until the natural surface, which is the bottom of the large pit; thus the bottom of the large pit is partly damaged; the eastern edge of the large pit is as well partly damaged by the pit of the burial

Stratigraphic position: above: 3214; below: 3213

On figure(s): 30d

**Feature 3233      plant concentration**

Unit: 13    excavated in 2005 Group: St\_03\_dw

Period: archaic; Phase: 5

Description: Feature 3233 was a plant concentration in the north of the bottom of a large pit (Feature 3231) and thus located in the south of Unit 13. It consisted of a concentration of plant remains that covered an irregular oval area, orientated from northwest to southeast. It was 47 cm long and 32 cm wide. The depth is unknown. The plant re-

mains were not determined but maybe were seeds of calabash and leaves of paca. The plant remains were partly badly preserved.

Stratigraphic position: above: 3231; below: 3214

Location (closest features): north: 3200; east: 9698; south: 3231; west: 3231

On figure(s): 30d

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**Feature 3970      modern surface**

Unit: 5    excavated in 2007

Period: modern; Phase: modern

Description: modern surface in Unit 5; excavated in 2007; located in the northeastern part of Unit 5; consists of loose, fine sand of light beige color; mixed with gravel, huarango leaves, animal excrements and twigs

Comments: ceramic fragments of different periods were found already in this uppermost layer

Stratigraphic position: above: 3971; forms one with: 2968; 2974; 3101; 3140; 3216

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**Feature 3971      layer**

Unit: 5    excavated in 2007

Period: ceramic; Phase: ceramic

Description: layer of the ceramic occupation; consists of clayey soil of beige color and semi-compact consistency and fine texture; mixed with gravel and remains of huarango leaves; it is distributed in the east and the south of the part of Unit 5 that was excavated in 2007

Stratigraphic position: above: 3975; 3993; 3994; below: 3970; forms one with: 4015

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**Feature 3972      layer**

Unit: 5    excavated in 2007

Period: ceramic; Phase: ceramic

Description: layer of the ceramic occupation; consists of semi-compact to compact soil of middle coars to coarse particles of beige-greyish color; mixed with gravel, small stones and charcoal remains

Stratigraphic position: above: 3973; below: 3975; 3993; 3994

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**Feature 3973      layer**

Unit: 5    excavated in 2007

Period: ceramic; Phase: ceramic

Description: layer of the ceramic occupation; consists of loose, granular soil of dark beige-brown color; mixed with small stones, some gravel and charcoal remains

Stratigraphic position: above: 4069; below: 3972; 3975; forms one with: 3998

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**Feature 3974      layer**

Unit: 5    excavated in 2007

Period: ceramic; Phase: ceramic

Description: layer of the ceramic occupation; consists of granular, semi-compact soil of brown color; mixed with some gravel, small stones, charcoal remains and stains of dark beige color; distributed in the east and south of Unit 5 (campaign of 2007)

Stratigraphic position: above: 3992; 4039; 9957; below: 4069; forms one with: 3999; 4055

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**Feature 3975      looter pit**

Unit: 5    excavated in 2007

Period: ceramic; Phase: ceramic

Description: a large looter pit of the ceramic period; located in the northeast of Unit 5 (campaign of 2007); cuts different layers; below the bottom Burial 23 (Feature 3991) was located; the looter pit is located on the northern edge of a large pit (Feature 3990) and partly damaged the edge of the large pit

Comments: the filling material was - besides some artifacts - not reported

Stratigraphic position: above: 3972; 3973; 3991; 9969; below: 3971

On figure(s): 32

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**Feature 3976-1    occupation layer**

Unit: 5    excavated in 2007

Period: archaic; Phase: 4

Description: Feature 3976-1 was an occupation layer located in the northeast of Unit 5. It was distributed irregularly and inclined towards the east. In the north it was connected with the occupation layer Feature 4000-1. It was covered with layer Feature 3974. In the west it was limited by the natural surface. It was 370 cm long from north to south and 302 cm wide from east to west. Due to the inclination the depth of the occupation layer varied between 35 cm and 60 cm. It filled the uppermost part of a large pit (Feature 3990). The shape was irregular, but bent on the western part and there following the orientation of the edge of a large pit that was located below (Feature 3990). The filling material consisted of semi-compact, granular soil of dark brown color, mixed with small stones, few gravel and few charcoal remains.

Comments: Feature 3976-1 was originally excavated as Feature 3976 with two different levels. Feature 3976-1 refers to the first original level, that covered different features, that were exposed on the surface of the second level. The second level was named Feature 3976-2. All artifacts, faunal and plant remains found in the original Feature 3976 were assigned to Feature 3976- 1 as it represents the mayor part of the original Feature 3976. In the southwest it was covered in a small part with material from Feature 4039. But this cover was probably produced by the natural inclination that led to slightl erosion. Both features were most probably contemporaneous.

Interpretation: Feature 3976-1 was distributed beyond the northern edge of the large pit (Feature 3990) and thus represents a occupation layer that was deposited after the use of the large pit, but concentrated within it. This indicates, that the remain of the large pit still formed a depression in the time after the use.

Stratigraphic position: above: 3980; 3983; 3988; 9958; 9959; below: 3992; 3994; 4039; 9957; forms one with: 4000-1

Location (closest features): north: 4000-1; east: 4277; south: 4039; west: 3231

On figure(s): Plan 1; Plan 2; Plan 3

Associated artifacts

Number	category	subdivision
680	cord	simple cord
681	cord	simple cord
682	looped	twisted looping dense
683	twined	open simple twining
684	twined	open simple twining
685	cord	simple cord
686	cord	simple cord
687	knotted and twined	close grided
688	knotted	wide grided (regular)
689	cord	simple cord
690	cord	simple cord
691	twined	open simple twining
692	cord	simple cord
693	looped dense	figure-8 looping
1048	bead	tube bead
1049	bead	discoidal shell bead
1202	split wood; trimmed-pointed (worn end)	
1517	bottle gourd epicarp	bottle gourd vessel

Associated macrobotanical remains

taxon	topology	fragment	total	weight (g)	artifact
Lagenaria siceraria	fruit	35	35	2	1517

Associated vertebratae remains

aves:indeterminate ; 20 very small bone fragments

aves: psittacidae; 1 carina, carpometacarpus, distal epiphyysis, 2 cervical vertebrae, 1 coracoid (big bird) proximal epiphysis and part of diaphysis, 2 damaged coracoides proximal epiphysis, 1 cranium fragment, 1 femur proximal epiphysis with deformation, 1 femur, 1first phalanx of fourth digit, 1 first phalanx of second digit, 1first phalanx of

third digit, 1 part of wing, 1 furucula (big bird), 1 humerus with fracture and deformation, 1 proximal epiphysis and part of diaphysis of humerus (big bird), 2 fragm. incisive bone rostrum (beak; large size), 2 palatine bone proximal epiphysis, 2 radius, 1 synsacrum, 1 diaphysis of tibiotarsus, 1 proximal epiphysis and part of diaphysis of tibiotarsus, 1 ulna, 1 broken diaphysis

aves: indeterminate; 1 coracoid

aves: indeterminate; 1 fragm. carina, 1 coracoid, 1 long bone diaphysis, proximal epiphysis of scapula, 2 vertebrae

mammalia: rodentia; 1 femur (proximal epiphysis missing), 1 mandible (right ramus)

mammalia: caviidae; 3 fragments of maxilla

Associated invertebratae remains

Species	weight	MNI	artifact	comment
<i>Argopecten purpuratus</i>	0,4 g	1	1048	tube-shaped shell bead
undetermined shell	0,1 g	1	1049	discoidal shell bead
<i>Choromytilus chorus</i>	5,3 g	1		
<i>Mesodesma donacium</i>	2,2 g	1		
<i>Cryphiops caementarius</i>	0,7 g	1		
Echinoidea Class	1,6 g	1		

.....  
**Feature 3976-2 filling layer**

Unit: 5 excavated in 2007 Group: St\_04\_dw

Period: archaic; Phase: 2

Description: Feature 3976-2 was a filling layer in a large pit (Feature 3990) and thus located in the northeast of Unit 5.

It was distributed in the entire large pit (Feature 3990) but several features were cut into the surface. Thus the shape is irregular with a maximum length of 332 cm from north to south and a maximum width of 334 cm from west to east. It was about 5 cm thick. The filling material consisted of semi-compact, granular soil of dark brown color, mixed with small stones, few gravel and few charcoal remains.

Comments: Feature 3976-2 was originally excavated as Feature 3976 with two different levels. Feature 3976-1 refers to the first original level, that covered different features, that were exposed on the surface of the second level. The second level was named Feature 3976-2. All artifacts, faunal and plant remains found in the original Feature 3976 were assigned to Feature 3976- 1 as it represents the mayor part of the original Feature 3976. The higher width of Feature 3976-2 in comparison to the width of Feature 3976-1 results from the fact, that the excavation area was partly amplified after the excavation of Feature 3976-1.

Interpretation: The uppermost filling layer of structure 4 indicates that structure 4 still formed a depression during the ceramic occupation during which the uppermost part was filled.

Stratigraphic position: above: 3989; 9961; 9962; below: 3980; 3983; 3988; 9958; 9959

Location (closest features): east: 4274; south: 4044; west: 4309

On figure(s): 32

.....  
**Feature 3977 fireplace**

Unit: 13 excavated in 2007

Period: archaic; Phase: 4

Description: Feature 3977 was a fireplace in the southern center of Unit 13. It was located on the top of a large pit (Feature 3984). It was of irregular oval shape, orientated from north to south. The bottom was irregular. The maximum length was 205 cm from north to south. The maximum width was 162 cm from west to east. The depth varied between 10 and 15 cm. The material consisted of abundant ashes and abundant charcaol remains, mixed with some intrusions of burned soil of orange color.

Stratigraphic position: above: 3979; below: 3999

Location (closest features): east: 4000-1; south: 4000-1; west: 4000-1

On figure(s): Plan 1; Plan 2

.....  
**Feature 3978 burial**

Burial: 18 Unit: 13 excavated in 2007 Group: St\_05\_bu

Period: archaic; Phase: 3

Description: Burial 18 was a single, primary burial. It was located in the west of the bottom of a large pit (Feature 3984)

in the central southern part of Unit 13. The burial was deposited in a small pit. The pit is of oval shape, orientated from the northwest to the southeast. It was 60 cm long, 40 cm wide and 38 cm deep. The walls were relatively steep and the bottom was relatively plane. It was covered with two large stones. Between and below the stones a cover of vegetal remains in the form of plant fibers was located. Below the plant remains the pit was filled with loose, sandy soil of beige-greyish color that was mixed with gravel and rubble. Under the filling the individual was located. The individual was wrapped into a mat made of plant fibers. The mat was badly preserved. The cranium of the individual was not covered with the mat, which is probably the result of the decay of the same. Below the head the remains of a headdress made of hair and a probably hairband were located. A single oval shell bead was located within the burial. The remains of a guinea pig were found within the filling material.

Stratigraphic position: above: 3984; below: 3982

Location (closest features): north: 3985; east: 3981; south: 3984; west: 3984

On figure(s): 30e-g; 31d; 45; 47d; 48a

Anthropological information

Individual: 18 age class: infans 1 est. age: 2 years sex: indeterminate

Description of skeleton: The individual was deposited in a supine position with the head in the northwest. The cranium is deposited on the occiput but - due to the form of the pit - slightly bent towards the sternal. Thus the direction of view is towards the southeast. Some few hair remains were preserved on the cranium. The upper arms were located in a lateral position. The right lower arm was strongly flexed with the right hand located on the chest. The left lower arm was slightly flexed with the left hand located upon the pelvis. Both legs were extremely flexed towards the skeleton with the femurs positioned upon the body and the knees more or less in the center of the skeleton. The lower legs were extremely flexed towards the femurs and nearly parallel to them. The feet were thus located directly in front of the pelvis.

Associated Strontium isotope sample

Sr87/Sr86	sigma-2	weight	material
1456	0,706643	0,0079	40 dental enamel

Associated artifacts

Number	category	subdivision
544	bead	oval shell bead
667	cord	simple cord
802	dense laid hair with openings	
1540	twined	open simple twining

Associated vertebratae remains

mammalia: indeterminate; artifact 802, hairs (in textile form)  
 mammalia: caviidae: *Cavia* sp.; 1 fragm. incisor, fragment of left side of mandible with three molars

Associated invertebratae remains

Species	weight	MNI	artifact	comment
<i>Fissurella</i> sp.	0,1 g	1	544	

**Feature 3979 burial**

Burial: 24 Unit: 13 excavated in 2007 Group: St\_05\_bu

Period: archaic; Phase: 3

Description: Burial 24 was a single primary burial. It was located in the northeast of the bottom of a large pit (Feature 3984) and thus in the center of Unit 13. It was covered with burned material from Feature 3977. The burial was deposited in a burial pit that had an irregular circular shape with a length of 79 cm, a width of 80 cm and a depth of 50 cm. Big stones were arranged in a circular row on the top rim of the burial pit. This row had an outer diameter of 80 cm and an inner diameter of 38-50 cm. Due to the heights of the big stones the stone row was towering 20-25 cm above the surrounding material. In total it was 28-30 cm thick. The stones were natural stones besides one large stone that was a mortar. This was located in the southwest of the stone row with the opening orientated towards the center of the burial pit. The burial pit was encaved into the natural surface and steep sided with a plane bottom. It was filled with soil of dark beige-brown color that was mixed with gravel and plant remains. In a depth of 30 cm within the burial pit the remains of a textile of plant fibers was located. Directly below that in the north of the burial pit a large ground stone was situated with the grinding surface towards the bottom of the burial pit. Under that grinding stone a thick cover of plant remains, consisting of reed, rush, huarango-pods, and lagenaria remains were found. The later ones probably represent the remains of a vessel. This plant cover was mixed with

smaller stones and some charcoal. Below this cover the individual was deposited. The grinding stone did not cover the entire skeleton of the individual, but left the cranium uncovered. The individual was wrapped into a poorly preserved mat, which was better preserved in the northern part. A knot in a coarse rope remain was located above the position of the pelvis of the individual in the western part. Under that map-wrapping a second textile was found directly on the skeleton of the buried individual. This second wrapping textile was a twined textile with very fine cords, that were burned. Some organic remains were sticking on this twined textile that are probably remains of the organic part of the decaying body and just preserved under the covering grinding stone. The second textile was directly wrapping the skeleton. Both textiles were just preserved in the zone that was covered by the grinding stone. With the skeleton a long necklace of discoidal beads, two rectangular shell beads and two malachite beads was found that was located around the neck and above the center the body of the individual reaching down to the pelvis. On both wrists bracelets made of oval shell beads were located. On the chest of the individual a pendant made of a whale tooth was situated. The wrapped individual was deposited on the bottom of the burial pit. Within the burial objects some remains of badly preserved textiles were located. Furthermore small remains of ocher were found.

Stratigraphic position: above: 4000-2; below: 3977

Location (closest features): north: 3984; east: 3984; south: 4067; west: 3985

On figure(s): 30e-g; 31d; 45; 46d; 50c

Anthropological information

Individual: 24 age class: infans 1 est. age: 3-5 year sex: indeterminate

Description of skeleton: The skeleton was located under two wrapping textiles. The skeleton is badly preserved and compressed by the weight of the covering material. The covering grinding stone The skeleton covers an area of 65 cm from east to west and 30 cm from north to south. It was deposited in a supine left flexed position with the cranium in the east. Thus it is orientated from east to west. The cranium was deposited on the occiput but slightly tilted towards the right side of the individual. The view direction is towards the north. The arms were deposited lateral with the hands located close to both sides of the pelvis. The left leg was extremely flexed with the knee in front of the center of the individual and orientated towards the left side. The right leg was less flexed and the femur formed an angle of 90° to the spine, pointing towards the left side of the individual and located partly upon the left leg. The lower legs were extremely flexed towards the femurs. The feet were located below the pelvis but not in contact with the same.

Comment: Probably the individual was originally deposited in a stricter supine position with the legs pointing upwards, but after the covering with the grinding stone and the filling material the legs were compressed towards the left side.

Associated Strontium isotope sample

Sr87/Sr86	sigma-2	weight	material
1509	0,706529	0,0082	120 dental enamel

Associated artifacts

Number	category	subdivision
202	ground stone	ground stone (big)
206	mortar	mortar
214	color remain	ocher remain
215	necklace	large necklace
224	bracelet	medium bracelet
229	bracelet	medium bracelet
354	bottle gourd epicarp	bottle gourd vessel
355	pendant	tooth pendant
672	twined	close diagonal twining
673	twined	open simple twining
675	cord	simple cord
676	twined	open simple twining
801	twined	open / close simple twining
1551	twined	open simple twining
1558	pendant	malachite pendant
1559	pendant	malachite pendant

Associated macrobotanical remains

taxon	topology	fragment	total	weight (g)	artifact
Lagenaria siceraria	fruit	3	3	1	354
Prosopis pallida	fruit	12	12	2,5	
cf. CYPERACEAE	stem	1	1	8	
CYPERACEAE	stem	1	1	3	
MAGNOLIOPSIDA	stem	1	1	0,5	
Paspalum sp.	leaf	1	1	0,5	675

Associated vertebratae remains  
 mammalia: indeterminate; artifact 355, 1 burned tooth

Associated invertebratae remains  
*Fissurella* sp.; weight: 6,7 g, MNI: 80, artifacts 224 and 229; oval shell beads, bracelet on left wrist  
 undetermined shell; weight: 0,2 g; MNI: 1; artifact 229; discoidal shell beads, bracelet, left wrist; MNI averaged  
 undetermined shell; weight: 5,5 g; MNI: 64, artifact 215; discoidal shell beads, necklace, some maybe of bone

**Feature 3980      burial**

Burial: 19      Unit: 5    excavated in 2007 Group: St\_04\_bu  
 Period: archaic; Phase: 3

Description: Burial 19 was a single primary burial. It was located in the west of the bottom of a large pit (Feature 3990) in the surface of Feature 3976-1 and thus in the northeast of Unit 13. The burial was deposited in a shallow burial pit that was encarved into the natural surface and covered with a thick stone plaster. The burial pit was of irregular oval shape and orientated from north to south. The bottom was relatively plane. It was 54 cm long, 37 cm wide and about 10 cm deep. It was covered with a plaster of very big natural stones. The central one was 32 cm long and 24 cm wide. The stone plaster was towering about 15 cm above the sourrounding material. It covered irregularly an area of 59 cm length and 42 cm width and was not located above the position of the cranium of the individual. Below the stone plaster a fine filling layer was located, that consisted of fine, loose soil of beige color. Below that the individual was deposited on the bottom of the burial pit. The individual was wrapped into a mat of plant fibers. The mat was badly preserved and not located in the zone of the carnium. On the chest of the individual a poorly preserved knot of coarse plant fibers was located below which four small wooden sticks were located. Dense remains of plant fiber material were located above and below the individual, with the exception of the zone of the head. A wooden artifact in the form of two parallel short sticks that were obvolvled with plant fibers was found in the south of the burial pit. Furthermore some fragments of lagenaria were found in the burial pit, which are probably the remains of a vessel.

Stratigraphic position: above: 3976-2; below: 3976-1  
 Location (closest features): north: 3983; east: 9959; south: 3990; west: 3990  
 On figure(s): 32; 45; 47e; 48b

Anthropological information

Individual: 19    age class: infans 1    est. age: 4-6 years sex:    indeterminate

Description of skeleton: The skeleton of the individual was relatively well preserved but compressed by the weight of the covering stones. The human bones were distributed in an area of 50 cm from north to south and 32 cm from east to west. The individual was deposited in a extreme flexed left sideway positon. The cranium was located in the north and was deposited on the occiput and slightly declined towards the right lateral part. The original direction of view was thus to the south or upward. The spine was bent below the ribs towards the west. The left arms was flexed towards the back of the individual. The right arm was semiflexed with the right hand reaching towards the position of the knees in front of the body. The pelvis was due to the bent spine located more towards the west of the burial and not in a direct straight line under the cranium. The legs were extremely flexed towards the body with the knees pointing towards the east. The lower legs were extremely flexed towards the femurs and in a parallel position to them. The feet were contacting the pelvis.

Associated Strontium isotope sample  
 Sr87/Sr86    sigma-2    weight    material  
 1457 0,7069750,0041    38    dental enamel

Associated artifacts

Number	category	subdivision
660	cord	simple cord
661	plant fibers	plant fibers

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662	twined	nd				
1480	bottle gourd epicarp	bottle gourd vessel				
Associated macrobotanical remains						
taxon	topology	fragment	total	weight (g)	artifact	
Lagenaria siceraria	fruit	14	14	4	1480	
POACEAE	leaf	1	1	3		

**Feature 3981 looter pit**

Unit: 13 and partly: 5 excavated in 2007

Period: ceramic; Phase: ceramic

Description: a large looter pit in the southwest of Unit 13 (campaign of 2007) and reaching into Unit 5; below the bottom Feature 3987 was located

Comments: the filling material was - besides some artifacts - not reported

Stratigraphic position: above: 3986; 3987; 3997; below: 3996

On figure(s): 30e-g

**Feature 3982 stone concentration**

Unit: 13 excavated in 2007 Group: St\_05\_bu

Period: archaic; Phase: 3

Description: Feature 3982 was a stone concentration in the west of a large pit (Feature 3984) and thus located in the southern central part of Unit 13. The stone concentration covered an irregular area. The maximum length was 120 cm from north to south. The maximum width was 75 cm from west to east. The stones were towering 38 cm above the surrounding material. The stones were irregularly distributed and thus not arranged. The concentration consisted of 10 big natural stones with length between 61 cm and 12 cm. The stone concentration was partly located directly above Burial 18 (Feature 3978).

Comments: The stone concentration was partly located above Burial 18 (Feature 3978) but covered a bigger area. Both features were separated from each other.

Stratigraphic position: above: 3978; 4000-2; below: 4000-1

Location (closest features): north: 3985; east: 3977

On figure(s): 30e-g; Plan 1; Plan 2

**Feature 3983 burial**

Burial: 20 Unit: 5 excavated in 2007 Group: St\_04\_bu

Period: archaic; Phase: 3

Description: Burial 20 was a single, primary burial. It was located in the northwest of a large pit (Feature 3990) in the surface of Feature 3976-2 and thus located in the northeast of Unit 5. The burial was deposited in a shallow burial pit that was covered with a stone plaster of big stones. The stone plaster consisted of big natural stones covering an area of 40 cm from north to south and 35 cm from east to west. Four big stones were placed parallel to each other and arranged in a line from north to south. Each of them is orientated from east to west. The big stones are towering about 10 cm above the surrounding material. Below the stone plaster the burial pit was located that had a regular oval shape, orientated from north to south. The walls of the burial pit were very inclined and the bottom was relatively plane. The burial pit was 38 cm long, 21 cm wide and about 10 cm deep. It pit was filled with fine, loose soil of dark beige-brown color. The individual was deposited on the bottom of the burial pit and wrapped into a mat of plant fibers. The mat was very badly preserved and decayed by touching. South of the legs the poorly preserved remains of a probable looped textile were located. Some poorly preserved simple cords were located on the central part of the individual. A single small remain of lagenaria was found within the burial pit that could be the remain of a vessel.

Stratigraphic position: above: 3976-2; below: 3976-1

Location (closest features): north: 3975; east: 9958; south: 3980; west: 3990

On figure(s): 32; 45; 47f; 48c

Anthropological information

Individual: 20 age class: prenatal est. age: 0 sex: indeterminate

Description of skeleton: The skeleton was relatively well preserved but compressed by the weight of the covering stones.

The human remains cover an area of 34 cm from north to south and 17 cm from east to west and are located in the northwestern part of the burial pit. The individual was deposited in a right flexed supine position. The head was located in the north and the view direction was towards the west. The arms were located lateral on both body sides with the hands located close to the pelvis. The legs were extremely flexed towards the right side of the individual with the knees slightly above the position of the pelvis. Thus the knees point towards the northwest. The lower legs were extremely flexed towards the femurs and nearly parallel to them. The feet are located directly below the pelvis.

Associated Strontium isotope sample

Sr87/Sr86	sigma-2	weight	material
1500	0,706997	0,0022	120 dental enamel

Associated artifacts

Number	category	subdivision
1186	bottle gourd epicarp	bottle gourd vessel
1541	twined	open simple twining
1542	looped	nd
1543	cord	simple cord

**Feature 3984 pit**

Unit: 13 excavated in 2007 Group: St\_05\_dw

Period: archaic; Phase: 2

Description: Feature 3984 was a large pit in the southern center of Unit 13. It was encarved into the natural surface. It was of irregular oval shape, orientated from west to east. The walls were steep and the bottom plane. It was 265 cm long and 247 cm wide. The depth varied due to the inclination of the natural surface in the area. The pit was thus 88 cm deep in the west and about 24 cm deep in the east. It was filled with the filling layer Feature 4000-2 and the fireplace Fp3977. The uppermost part was filled with material of Feature 4000-1. On the bottom of the large pit some pits (Features 3986, 3987 and 4067) were located.

Stratigraphic position: above: NaSuU13; below: 3978; 3986; 3987; 4067

Location (closest features): east: 9975; south: 3991

On figure(s): 30e-g; 31d

**Feature 3985 burial**

Burial: 21 Unit: 13 excavated in 2007 Group: St\_05\_bu

Period: archaic; Phase: 3

Description: Burial 21 was a primary single burial. It was located in the northwest of the bottom of a large pit (Feature 3984) in the surface of Feature 4000-2 and thus located in the center of Unit 13. The individual was deposited on the bottom of a burial pit. The pit had an oval shape and was orientated from north to south. The northwestern edge formed one with the edge of the large pit (Feature 3984) in which it is situated. The burial pit was 64 cm long, 53 cm wide and 38 cm deep and encarved into the natural surface. The walls were relatively steep and the bottom relatively plane. On the western wall some big natural stones were located. The uppermost filling layer consisted of fine, loose sandy soil of beige-greyish color of about 5 cm depth. Below the uppermost filling layer in the center of the burial pit a big stone of 37 cm length and 31 cm width was located. Under the big stone another filling layer was located that consisted of granular sand of light grey color of about 1-2 cm of thickness that covered a concentration of plant fibers of Cyperaceae. Below that the remains of a mat of plant fibers were located, that wrapped the individual. The wrapped individual was deposited in the center of the bottom of the burial pit. The big stone was located above the position of the body of the individual but not covering the cranium that was located in the south. The mat remain covering the individual was sharply distinct from the sourrounding material. A clear oval shape of the distribution of the mat remain was visible that was 41 cm long from northt-west to south-east and 22 cm wide. Above the southern and the northern part of the mat remain - above the position of the cranium and the feet - the remains of a finer, meshed textile made of plant fibers were located. Below the upper part of the wrapping mat and thus directly above the individual different burial goods were located. Those consisted of the remain of a meshed textile made of plant fibers, that was located in the position of the right hand that could be the remain of a small bag. Furthermore 121 beads made of perforated seeds of Magnoliopsida were distributed in front of the right hand and could have been contained in the bag remain. In front of the chest 17 discoidal shell beads, 1 rectangular shell

bead and 2 malachite beads were located that originally probably formed part of a necklace. Some sparse charcoal remains were found within the wrapping material.

Comments: the stratigraphic position was evaluated by rechecking the photographic documentation, that showed clearly that the burial was encaved through Feature 4000-2

Stratigraphic position: above: 4000-2; below: 4000-1

Location (closest features): north: 3984; east: 3977; south: 3982; west: 3984

On figure(s): 30e-g; 31d; 45; 48d; 50a

Anthropological information

Individual: 21 age class: infans 1 est. age: 3-9 months sex: indeterminate

Description of skeleton: The skeleton was not good preserved. It is located in the center of the bottom of the burial pit and was wrapped in a mat of plant fibers. The human remains cover an area of 36 cm length and 18 cm width. The individual was deposited in a supine position with right flexed legs. The cranium is located in the south-east and slightly turned to the right side of the individual. Thus the view direction is to the northeast. The arms are deposited lateral of the body with the hands on both sides of the pelvis. The legs are slightly flexed and the knees are pointing towards the right side of the body. The under legs are flexed towards the femurs but in a sharp angle. Thus the feet are below the pelvis without contact to the same.

Associated Strontium isotope sample

Sr87/Sr86	sigma-2	weight	material
1458	0,706786	0,0024	28 dental enamel

Associated artifacts

Number	category	subdivision
392	bead	seed beads
513	necklace	medium necklace
532	pendant	malachite pendant
533	pendant	malachite pendant
793	twined	open simple twining
795	plant fibers	plant fibers
796	looped	figure-8 looping
1544	looped	nd

Associated macrobotanical remains

taxon	topology	comp. rem.	fragment	weight (g)	artifact
CYPERACEAE	stem		1	4	795
MAGNOLIOPSIDA	cf. seed	121		6	392

**Feature 3986 pit**

Unit: 5 excavated in 2007 Group: St\_05\_dw

Period: archaic; Phase: 2

Description: 3986 was a pit in the southern bottom of a large pit (Feature 3984) and thus located in the north of Unit 5. It was situated on the bottom of a looter pit (Feature 3981), that was located above the large pit. The feature was circular with a diameter of 30 cm and a depth of 20 cm. The walls were inclined and the bottom was concave. The filling material consisted of loose, granular sand of beige-greyish color, mixed with finer sand.

Comments: The feature was assigned to Phase 3 because it was situated on the bottom of Feature 3984 that belongs to that phase and is obviously related to it.

Stratigraphic position: above: 3984; below: 3981

Location (closest features): north: 3984; east: 4067; south: 3980; west: 3987

On figure(s): 30e-g; 31d

**Feature 3987 storage pit**

Unit: 13 and partly: 5 excavated in 2007 Group: St\_05\_dw

Period: archaic; Phase: 2

Description: Feature 3987 was a probable storage pit in the southwestern bottom of a large pit (Feature 3984) and thus located in the south of Unit 13 and the north of Unit 5. It was situated on the bottom of a looter pit (Feature 3981), that was located above the large pit. It was of oval shape, orientated from northwest to southeast. It was 38 cm long,

24 cm wide and 8 cm deep. The walls were inclined and the bottom was concave. The filling material consisted of loose soil of beige-greyish color, mixed with abundant gravel. On the bottom of the pit a textile made of plant fibers was located. The textile was badly preserved and decayed by touching. Below the textile a calabash vessel was deposited with the opening downwards. The vessel was fragmented in different pieces.

Comments: The feature was assigned to Phase 3 because it was situated on the bottom of Feature 3984 that belongs to that phase and is obviously related to it.

Interpretation: The interpretation as a storage pit derives from the found vessel. No further plant remains were preserved.

Stratigraphic position: above: 3984; below: 3981

Location (closest features): north: 3984; east: 3986; south: 3984; west: 3984

On figure(s): 30e-g; 31d

Associated artifacts

Number	category	subdivision
1485	bottle gourd epicarp	bottle gourd vessel

Associated macrobotanical remains

taxon	topology	fragment	total	weight (g)	artifact
Lagenaria siceraria	fruit	79	79	57	1485

**Feature 3988      burial**

Burial: 22      Unit: 5    excavated in 2007    Group: St\_04\_bu

Period: archaic; Phase: 3

Description: Burial 22 was a single, primary burial. It was located in the southwest of the bottom of a large pit (Feature 3990) in the surface of Feature 3976-2 and thus in the northeast of Unit 5. The burial was deposited in a pit that was encarved until the natural surface and covered with two big natural stones. The burial pit was of irregular oval shape and orientated from northwest to southeast. It was 49 cm long, 25 cm wide and about 5 cm deep. The walls were very inclined and the bottom relatively plane. The burial pit was covered by two big natural stones that covered an area of 52 cm length and 33 cm width. They were towering about 25 cm above the surrounding material. The filling material of the burial pit below the big stones consisted of fine soil of beige color and was about 1 cm thick. Below the filling material a good preserved mat of plant material was located that wrapped the individual. The mat was obvolvled with a strong cord four times in the center and towards the northeastern end and tied the mat. The mat wrapped the individual and was located in the center of the burial pit. It covered an area of 40 cm length and 22 cm width. Wrapped into the mat the individual was deposited on the bottom of the burial pit. Within the mat together with the individual a bone artifact in the form of a textile tool was found.

Comments: The wrapping mat with the containing individual were excavated in block. Thus no photographs of the in situ skeleton situation are reported.

Stratigraphic position: above: 3976-2; below: 3976-1

Location (closest features): north: 9959; east: 3989; south: 9964; west: 9961

On figure(s): 32; 45; 48e; 50b

Anthropological information

Individual: 22    age class: infans 1    est. age: 3-9 month    sex: indeterminate

Description of skeleton: The skeleton was badly preserved. It was block excavated with the wrapping mat. The human remains within the containing mat were disarticulated. The cranium bones were located in the southwest and the original view was maybe towards the northeast. The distribution of the bones furthermore suggest a lateral flexed position.

Comment: No photographs, drawings and detailed descriptions of the skeleton are available. The information about the body position were given in the excavation report of the campaign of 2007.

Associated Strontium isotope sample

Sr87/Sr86	sigma-2	weight	material
1459 0,7069190,0034	27		dental enamel

Associated artifacts

Number	category	subdivision
543	braiding tool	braiding tool
663	open simple twining,	continous weft

664	cord	simple cord				
Associated macrobotanical remains						
taxon		topology	fragment	total	weight (g)	artifact
CYPERACEAE		stem	1	1	37	663
Associated vertebratae remains						
mammalia: camelidae or cervidae; artifact 543, 1 bone fragment (probably metacarpus)						

**Feature 3989 use floor**

Unit: 5 excavated in 2007 Group: St\_04\_dw  
 Period: archaic; Phase: 2

Description: Feature 3989 was a use floor in the center of the bottom of a large pit (Feature 3990) and thus located in the northeast of Unit 5. It was of irregular shape. The maximum length was 102 cm from northeast to southwest. The maximum width was 44 cm from northwest to southeast in the southern part. It consisted of semi-compact soil of orange color, mixed with some intrusive gravel in the surface. It was 4 to 8 cm thick.

Stratigraphic position: above: 9965; below: 3976-2

Location (closest features): north: 9963; east: 9963; south: 9963; west: 9963

On figure(s): 32

**Feature 3990 pit**

Unit: 5 excavated in 2007 Group: St\_04\_dw  
 Period: archaic; Phase: 2

Description: Feature 3990 was a large pit in the northeast of Unit 5. It was encaverd into the natural surface. It was of irregular oval shape, orientated from north to south. The edge in the north was partly damaged by a looter pit (Feature 3975). The edge in the south was damaged by two looter pits (Features 3993 and 3994/4022). The walls were steep-sided to vertical and the bottom was relatively plane. It was 366 cm long and 323 cm wide. Due to the inclination of the natural surface in this area, the pit was 92 cm deep in the west and just 24 cm deep in the east. It was filled with different filling layers (Features 3976-2, 3989, 9961 and 9963) and in the uppermost part with material from an occupation layer (Feature 3976-1) that covered larger parts of the area. Within these filling layers some smaller features and burials were located. On the bottom of the pit Burial 23 (Feature 3991) and several pits were located (9964, 9965, Pit 9966, 9967, 9968, 9969).

Stratigraphic position: above: NaSuU5; below: 3991; 9961; 9964; 9965; 9966; 9967; 9968

Location (closest features): east: 4274; south: 4044; west: 4309

On figure(s): 31c; 32

**Feature 3991 disturbed burial**

Burial: 23 Unit: 5 and partly: 13 excavated in 2007 Group: St\_04\_bu  
 Period: archaic; Phase: 3

Description: Burial 23 was a disturbed burial. It was located on the bottom of a big looter pit (Feature 3975). The looter pit was located on the northern edge of a large pit (Feature 3990) and damaged the edges the same. Thus Burial 23 is located on the northeastern edge of Unit 5, reaching into Unit 13. On the bottom of the looter pit a concentration of disarticulated human bones were located in a small depression within the bottom. The human remains were sourrounded by and mixed with remains of a very bad preserved textile made of plant fibers. The plant fibers decayed by touching and were not recovered. They probably represent the remains of a wrapping mat.

Comments: Probably the human remains were originally wrapped into the textile of plant fibers.

Interpretation: Due to the location of the burial within a large pit, the missing ceramics or cotton remains and a comparison with the other archaic burials, Burial 23 was assigned to the archaic occupation of the site. As it was located within the same large pit as Burials 20 (Feature 3983), 19 (Feature 3980) and 22 (Feature 3988) and thus probably was deposited in the same occupation phase, it was assigned to phase 3. Probably the burial was found by looters that destroyed it and left the destroyed remains within the ground.

Stratigraphic position: above: 3990; below: 3975

Location (closest features): north: 9957; east: 3976-1; south: 9969; west: 3983

On figure(s): 32; 45

Anthropological information

Individual: 23 age class: infans 1 est. age: 3-9 months sex: indeterminate

Description of skeleton: The skeleton was completely disarticulated.

Associated artifacts

Number	category	subdivision
1545	plant fibers	plant fibers

**Feature 3992 special finding**

Unit: 5 excavated in 2007

Period: archaic; Phase: 5

Description: Feature 3992 was a concentration of 14 parallel arranged wooden sticks located directly above the material of Feature 3976-1 and thus located in the northeast of Unit 5. They were located in contact to each other and covered an area of 60 cm from north to south and 34 cm from west to east. Above them a meshed textile made of plant fibers was located. That was badly preserved and decayed by touching.

Stratigraphic position: above: 3976-1; below: 3974

Location (closest features): north: 9957; east: 4264; south: 9923; west: 3231

On figure(s): Plan 1; Plan 2; Plan 3

Associated artifacts

Number	category	subdivision	Number	category	subdivision
1302	pointed wood	pointed cane	1309	pointed wood	pointed cane
1303	pointed wood	pointed cane	1310	pointed wood	trimmed; worn end
1304	pointed wood	pointed cane	1311	pointed wood	trimmed; worn end
1305	pointed wood	pointed cane	1312	pointed wood	trimmed; worn end
1306	pointed wood	pointed cane	1313	pointed wood	trimmed; worn end
1307	pointed wood	pointed cane	1314	split wood	pointed split wood
1308	pointed wood	pointed cane	1315	trimmed wood	worn end

**Feature 3993 looter pit**

Unit: 5 excavated in 2007

Period: ceramic; Phase: ceramic

Description: a large looter pit in the southeast of Unit 5 (campaign of 2007); cuts different layers and features; the looter pit is located on the southern edge of a large pit (Feature 3990) and partly damaged the edge of the large pit

Comments: the filling material was - besides some artifacts - not reported

Stratigraphic position: above: 3972; 4039; below: 3971

On figure(s): 31c; 32

**Feature 3994 looter pit**

Unit: 5 excavated in 2007

Period: ceramic; Phase: ceramic

Description: a small looter pit in the southeast of Unit 5 (campaign of 2007); the looter pit is located on the southeastern edge of a large pit (Feature 3990) and partly damaged the edge of the large pit

Comments: material details were not reported

Stratigraphic position: above: 3972; 3976-1; below: 3971

On figure(s): 31c; 32

**Feature 3995 modern surface**

Unit: 13 excavated in 2007

Period: modern; Phase: modern

Description: modern surface in Unit 13; excavated in 2007; located in the eastern central part of Unit 13; consists of loose, fine sand of beige color; mixed with few gravel, abundant huarango leaves and remains of twigs

Comments: ceramic fragments of different periods were found already in this uppermost layer

Stratigraphic position: above: 3996

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**Feature 3996 layer**

Unit: 13 excavated in 2007

Period: ceramic; Phase: ceramic

Description: layer of the ceramic occupation; consists of clayey soil of beige color; loose consistency and fine texture; mixed with abundant gravel and remains of huarango leaves; located in the entire Unit 13 (campaign of 2007)

Stratigraphic position: above: 3981; below: 3995

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**Feature 3997 layer**

Unit: 13 excavated in 2007

Period: ceramic; Phase: ceramic

Description: layer of the ceramic occupation; consists of semi-compact, middle-granular to coarse soil of beige-greyish color; mixed with charcoal remains, abundant gravel; the layer is distributed in the south, east and west of Unit 13 (of the 2007 campaign)

Stratigraphic position: above: 3998; below: 3981

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**Feature 3998 layer**

Unit: 13 excavated in 2007

Period: ceramic; Phase: ceramic

Description: layer of the ceramic occupation; consists of granular, loose soil of dark beige-brown color in the east and north of Unit 13 (of the campaign 2007) and of semi-compact soil of beige color in the east and south of Unit 13 (of the campaign 2007); mixed with some gravel and charcoal remains

Comments: ceramic fragments were mentioned in the final excavation reports

Interpretation: maybe originally a layer of the preceramic occupation, but very sparse ceramic remains have been recovered that could have been infiltrated from a layer of the ceramic period from above; nevertheless an assignment to the ceramic occupation cannot be excluded as is due to the fact that ceramics were found done

Stratigraphic position: above: 3999; below: 3997

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**Feature 3999 layer**

Unit: 13 excavated in 2007

Period: ceramic; Phase: ceramic

Description: layer of the ceramic occupation; consists in the east and the south of Unit 13 of granular, semi-compact soil of brown color with inclusions of gravel and some irregular distributed spots of soil of dark beige color; in the center of the unit the color of the material is of darker brown color, mixed with some fire marks and smaller stones and of finer granularity; located in the east and south of Unit 13 (campaign of 2007)

Comments: ceramic fragments were mentioned in the final excavation reports

Interpretation: maybe originally a layer of the preceramic occupation, but very sparse ceramic remains have been recovered that could have been infiltrated from a layer of the ceramic period from above; nevertheless an assignment to the ceramic occupation cannot be excluded as is due to the fact that ceramics were found done

Stratigraphic position: above: 3977; 4000-1; below: 3998

.....

**Feature 4000-1 occupation layer**

Unit: 13 excavated in 2007

Period: archaic; Phase: 4

Description: Feature 4000-1 was an occupation layer located in the southeast of Unit 13. It formed one occupation layer with Feature 3976-1 of Unit 5. It was inclined towards the east. It was located below Feature 3999. It was limited in the west and north by the natural surface. The shape was very irregular, but following in the west the edge of a large pit (Feature 3984). In the center a fireplace was located (Feature Fp3977), that was partly covered with the material. In the southwest a stone concentration (Feature 3982) was partly erecting towards the surface but covered mostly with the filling material. The occupational layer was 258 cm long from north to south, 443 cm wide from east to west and due to the inclination 11 to 17 cm thick. It was partly filling the uppermost part of a large pit (Feature

3984). The filling material consisted of semi-compact, granular soil of dark beige- brown color, mixed with some charcoal remains, ashes, gravel and few big stones.

Comments: Feature 4000-1 was originally excavated as Feature 4000 with two different levels. Feature 4000-1 refers to the first original level, that covered different features, that were exposed on the surface of the second level. The second level was named Feature 4000-2. All artifacts, faunal and plant remains found in the original Feature 4000 were assigned to Feature 4000- 1 as it represents the mayor part of the original Feature 4000. A part of Feature 4000-1 was excavated in the campaign of 2008.

Interpretation: Feature 4000-1 was distributed beyond the northern, southern and eastern edge of the large pit (Feature 3984) and thus represents a occupation layer that was deposited after the use of the large pit, but concentrated within it. This indicates, that the remain of the large pit still formed a depression in the time after the use.

Stratigraphic position: above: 3982; 3985; below: 3999

Location (closest features): north: 4068; east: 4061; south: 3976-1; west: 3222

On figure(s): Plan 1; Plan 2; Plan 3

Associated artifacts

Number	category	subdivision
24	handstone	abrading tool
1056	pendant	bivalve shell pendant
1057	bead	oval shell bead
1058	bead	discoidal shell bead
1059	bead	oval shell bead
1060	bead	oval shell bead
1508	bottle gourd epicarp	bottle gourd vessel

Associated macrobotanical remains

taxon	topology	fragment	total	weight (g)	artifact
Lagenaria siceraria	fruit	2	2	1	1508

Associated invertebratae remains

Species	weight	MNI	artifact	comment
Semele sp.	19,7 g	1	1056	shell pendant
<i>Fissurella</i> sp.	0,5 g	3	1057, 1059, 1060	oval shell beads
undetermined shell	0,1 g	1	1058	fragment of a discoidal shell bead

**Feature 4000-2 filling layer**

Unit: 13 excavated in 2007 Group: St\_05\_dw

Period: archaic; Phase: 2

Description: Feature 4000-2 was a filling layer within a large pit (Feature 3984) and thus located in the southern center of Unit 13. It was located within the entire pit but was damaged intrusive features. It was of irregular shape with a maximum length of 265 cm from west to east and a maximum width of 232 cm from north to south. It was about 20 cm thick. The material was the same as the material of Feature 4000-1. It consisted of semi-compact, granular soil of dark beige-brown color, mixed with some charcoal remains, ashes, gravel and few big stones.

Comments: Feature 4000-2 was originally excavated as Feature 4000 with two different levels. Feature 4000-1 refers to the first original level, that covered different features, that were exposed on the surface of the second level. The second level was named Feature 4000-2. All artifacts, faunal and plant remains found in the original Feature 4000 were assigned to Feature 4000- 1 as it represents the mayor part of the original Feature 4000.

Stratigraphic position: above: 4067; below: 3979; 3982; 3985; 4000-1

Location (closest features): east: 9975; south: 3991

On figure(s): 30e-g

**Feature 4010 modern surface**

Unit: 5 excavated in 2008

Period: modern; Phase: modern

Description: modern surface in Unit 5; excavated in 2008; located in the southeastern part and the northeastern edge of Unit 5; consists of loose, fine sand of beige color; mixed with few gravel, abundant huarango leafes and remains of twigs

Comments: ceramic fragments of different periods were found already in this uppermost layer  
Stratigraphic position: above: 4011; 4012; 4013; 4014; forms one with: 2968; 2974; 3101; 3140; 3216

.....  
**Feature 4011 layer**

Unit: 5 excavated in 2008

Period: ceramic; Phase: ceramic

Description: layer of the ceramic occupation; distributed in the entire Unit 5 (of campaign 2008); consists of semi-compact to loose soil of light beige color with fine texture; mixed with abundant gravel and remains of huarango leafes; in the southwest some fire marks; in the southeast a concentration of stones; in the southeast as well the remains of a wall were found; in the northeast a spot of brown-orange soil with some humidity

Stratigraphic position: above: 4017; below: 4010

.....  
**Feature 4012 wood concentration**

Unit: 5 excavated in 2008

Period: ceramic; Phase: ceramic

Description: a concentration of wooden sticks of the ceramic occupation; located in the south of Unit 5 (campaign of 2008); located on the surface of Feature 4011; some wooden sticks in parallel arrangement with a concentration of stones within it

Stratigraphic position: above: 4016; 4017; below: 4010

.....  
**Feature 4013 wall remain**

Unit: 5 excavated in 2008

Period: ceramic; Phase: ceramic

Description: the remain of a small wall in the southeast of Unit 5 (campaign of 2008); located in the surface of Feature 4011; a zone of compact clay with some imprints of adobe of beige- greyish color

Stratigraphic position: above: 4030; below: 4010; forms one with: 4254

.....  
**Feature 4014 discoloration**

Unit: 5 excavated in 2008

Period: ceramic; Phase: ceramic

Description: a zone of discoloration of the ceramic occupation; located in the center of Unit 5 (campaign of 2008) in the surface of Feature 4011; consists of semi-compact to loose soil of brown color

Stratigraphic position: above: 4015; below: 4010

.....  
**Feature 4015 layer**

Unit: 5 excavated in 2008

Period: ceramic; Phase: ceramic

Description: a layer of the ceramic occupation; located in the entire Unit 5 (campaign of 2008) with the exception of some features detected in the surface; the material consists of of semi-compact to loose soil of middle granulation and beige-greyish color; mixed with abundant gravel and small natural stones; in the southwest the material is of dark brown-black color and mixed with vegetal remains; in the southeast a zone of soil of grey to light-yellow color mixed with abundant gravel was found; in the southeast as well a fireplace (Feature Fp 4016); in the east a burial (Burial 26, Feature 4017) was located

Stratigraphic position: above: 4019; 4020; 4021; 4022; 4025; below: 4014; 4017; forms one with: 3971

.....  
**Feature 4016 fireplace**

Unit: 5 excavated in 2008

Period: ceramic; Phase: ceramic

Description: a fireplace of the ceramic occupation; located in the southeast of Unit 5 (campaign of 2008); consists of burned soil of dark brown to black color; mixed with abundant charcoal remains, ashes and some smaller stones

Stratigraphic position: above: 4023; below: 4012; 4017

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**Feature 4017      burial**

Burial: 25            Unit: 5    excavated in 2008

Period: ceramic; Phase: ceramic

Description: Burial 25; a single burial of the ceramic occupation; located in the southeast of Unit 5 (campaign of 2008)

Stratigraphic position: above: 4015; 4016; below: 4011; 4012

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**Feature 4018      layer**

Unit: 5    excavated in 2008

Period: ceramic; Phase: ceramic

Description: a layer of the ceramic occupation; distributed in the western central part of Unit 5 (campaign of 2008) with the exception of some features encarved into the surface of the layer; the material consists of fine, semi-compact to compact soil of grey color with some inclusions of small stones and a small concentration of river sand in the center; Burial 26 (Feature 4019) was encarved in the surface

Stratigraphic position: above: 4028; 4075; below: 4019

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**Feature 4019      burial**

Burial: 26            Unit: 5    excavated in 2008

Period: ceramic; Phase: ceramic

Description: Burial 26 of the ceramic occupation; a single burial located in the center of Unit 5 (campaign of 2008); encarved into the surface of Feature 4018

Stratigraphic position: above: 4018; 4029; below: 4015

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**Feature 4020      stone concentration**

Unit: 5    excavated in 2008

Period: ceramic; Phase: ceramic

Description: stone concentration of the ceramic occupation; located in the center of Unit 5 (campaign 2008); some bigger and middle-sized stones and gravel concentrated and mixed with sandy, semi-compact soil of grey-light-yellow color

Stratigraphic position: above: 4023; below: 4015

On figure(s): 34

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**Feature 4021      looter pit**

Unit: 5    excavated in 2008

Period: ceramic; Phase: ceramic

Description: a looter pit in the northern edge of Unit 5 (campaign of 2008); in the bottom of the looter pit Burial 33 (Feature 4087) was located; filling material consists of loose, fine soil of dark beige color; mixed with small stones, roots and huarango leafes

Stratigraphic position: above: 4023; 4024; below: 4015; forms one with: 3993

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**Feature 4022      looter pit**

Unit: 5    excavated in 2008

Period: ceramic; Phase: ceramic

Description: looter pit in the northeast of Unit 5 (campaign of 2008); the filling material consists of semi-compact, granular, humid soil of brown color; mixed with some small stones, roots and huarango leafes; in the southwest of the bottom of the looter pit Burial 32 (Feature 4076) was detected

Stratigraphic position: above: 4023; below: 4015; forms one with: 3994

On figure(s): 31c; 32

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**Feature 4023      burned zone**

Unit: 5 excavated in 2008

Period: ceramic; Phase: ceramic

Description: a burned zone of the ceramic occupation; located in the southwest, center and north of Unit 5 (campaign of 2008); consists of granular, semi-compact to loose soil of dark brown color; in the southwest with fire marks and mixed with some small stones and abundant vegetal remains; the darker brown material without fire marks and vegetal concentration was found as well in the center and north of Unit 5 (campaign of 2008)

Stratigraphic position: above: 4028; 4029; 4034; 4076; below: 4016; 4020; 4021; 4022

On figure(s): 32

.....  
**Feature 4024 occupation debris**

Unit: 5 excavated in 2008

Period: ceramic; Phase: ceramic

Description: occupation debris in the northwest of Unit 5 (campaign of 2008); consists of semi-compact to loose, fine soil of light beige-grey color; mixed with abundant gravel and small stones

Stratigraphic position: above: 4031; below: 4021

.....  
**Feature 4025 occupation debris**

Unit: 5 excavated in 2008

Period: ceramic; Phase: ceramic

Description: occupation debris of the ceramic occupation; located in the southeast of Unit 5 in the campaign of 2008; consisted of soil of brown-orange color; mixed with abundant plant material; 10-22 cm deep; ceramics and cotton remains found within the material

Stratigraphic position: above: 4029; below: 4015

.....  
**Feature 4028 occupation layer**

Unit: 5 excavated in 2008

Period: ceramic; Phase: ceramic

Description: remain of an occupation layer in the central western part of Unit 5 (campaign 2008); consists of semi-compact, fine soil of light beige-greyish color; mixed with middle sized stones, gravel and vegetal remains

Stratigraphic position: above: 4030; 4032; below: 4018; 4023; forms one with: 4301

.....  
**Feature 4029 occupation debris**

Unit: 5 excavated in 2008

Period: ceramic; Phase: ceramic

Description: occupation debris in the southwest of Unit 5 (campaign of 2008); south of Feature 4028; consists of middle granular, semi-compact to loose soil of brown color with fire marks; mixed with vegetal remains, small pieces of clay and some charcoal remains

Stratigraphic position: above: 4033; below: 4019; 4023; 4025

.....  
**Feature 4030 occupation layer**

Unit: 5 excavated in 2008

Period: ceramic; Phase: ceramic

Description: occupation layer of the ceramic occupation; located in the northwest and center of Unit 5 (campaign of 2008), but in general irregular distributed; consists of semi-compact, fine soil of light beige-greyish color mixed with abundant small and middle-sized stones and gravel; in the eastern and northern part the material is more mixed and consists of small areas of semi-compact, sandy soil of light grey-yellow color mixed with gravel

Stratigraphic position: above: 4036; 4048; 4075; 4088; below: 4013; 4028; forms one with: 4053; 4256; 4303

Associated radiocarbon samples

Sample	material	size (mg)	radiocarbon age (BP)	±	delta13 ‰
Hd-28598	charcoal	29,1	3125	21	-26,3

.....  
**Feature 4031      burned zone**

Unit: 5    excavated in 2008

Period: ceramic; Phase: ceramic

Description: a small burned zone of the ceramic occupation; located in the north of Unit 5 (campaign of 2008); consists of loose, burned soil of dark brown color, mixed with abundant small stones

Stratigraphic position: above: 4035; below: 4024

.....

**Feature 4032      clay concentration**

Unit: 5    excavated in 2008

Period: ceramic; Phase: ceramic

Description: clay concentration of the ceramic occupation; in the western central part of Unit 5 (campaign of 2008); consists of clay of light beige-greyish color

Comments: feature discription is based on drawings, short informations in drawings and photographic information

Stratigraphic position: above: 4035; below: 4028

.....

**Feature 4033      fireplace**

Unit: 5    excavated in 2008

Period: ceramic; Phase: ceramic

Description: a fireplace of the ceramic occupation; located in the southwest of Unit 5 (campaign of 2008); consists of burned soil of dark brown to black color; mixed with abundant charcoal remains, ashes and some big and small stones

Stratigraphic position: above: 4035; below: 4029

.....

**Feature 4034      disturbed burial**

Burial: 27      Unit: 5    excavated in 2008

Period: ceramic; Phase: ceramic

Description: Burial 27; a damaged burial of the ceramic occupation; Burial 27; located in the center of the surface of Feature 4035; just a irregular distributed concentration of human bones is remaining

Stratigraphic position: above: 4035; below: 4023

.....

**Feature 4035      occupation layer**

Unit: 5    excavated in 2008

Period: ceramic; Phase: ceramic

Description: occupation layer of the ceramic occupation; distributed in the center and the western part of Unit 5 (campaign of 2008); consists of semi-compact to loose soil of brown-reddish color; mixed with abundant small and middle-sized stones and fire marks with abundant charcoal concentrations

Stratigraphic position: above: 4039; 4041; 4046; 9949; below: 4031; 4032; 4033; 4034; 4036

.....

**Feature 4036      alluvial sediment**

Unit: 5    excavated in 2008

Period: ceramic; Phase: ceramic

Description: alluvial sediment patch dating to the ceramic occupation; located in in the northwest of Unit 5 (campaign of 2008); consists of compact, fine sedimented sand mixed with fine clay of light beige-greyish color; mixed with some middle sized stones; in the north of the same a post was found, marking the position of Burial 28 (4037), that was located below

Stratigraphic position: above: 4035; 4037; below: 4030

.....

**Feature 4037      burial**

Burial: 28      Unit: 5    excavated in 2008

Period: ceramic; Phase: ceramic

Description: intrusive single burial of the ceramic occupation; located in the northwest of Unit 5 (campaign 2008); the pit of the burial was encarved until the natural surface and damaged partly the outer edges of a large pit (Feature 4086-2) and the filling material

Stratigraphic position: above: 4039; below: 4036

On figure(s): 34; 31f

**Feature 4038      occupation layer**

Unit: 5    excavated in 2008

Period: archaic; Phase: 4

Description: Feature 4038 is an occupation layer in Unit 5. It is irregularly distributed in the center of Unit 5, limited in the west by the edge of the excavation unit of the campaign of 2008 and of irregular shape towards the east. Several features were intrusive into the surface. It was connected to Feature 4377 in Unit AQ46 and Feature 4429 in Unit 6. The occupation layer was inclined from west to east and slightly from south to north. It had an irregular shape and had a maximum length of 517 cm from north to south and a maximum width of 419 cm from east to west. Due to the inclination the thickness varied between 17 to 52 cm in the west, 45 cm in the south, 4 to 26 cm in the center and 11 cm in the north of the feature. The material consisted of semi-compact, middle-fine soil of brown color, mixed with abundant middle-sized stones and charcoal remains. Towards the southwest the color of the material changes to a brown-orange color. In the southwest abundant plant remains were mixed with the material. Within the material organic remains were mixed in the form of coproliths of guinea pigs and few human hair. The remains of human ribs were reported. Intrusive Features were: 4046, 4019, 9949.

Comments: The organic and plant material found within the layer were stolen or lost. The plants mentioned in the description were: cola da caballo, spines, fruits of sweet potato, pods of lima beans, pods of huarango, fragments of gourds, seeds of lima beans, seeds of squash, tree bark. No specialist determination and measuring was done.

Stratigraphic position: above: 9925; below: 4041; 4046; 9949

strat. equal to: 4039; forms one with: 4377; 4429

Location (closest features): north: 4044; east: 4046; south: 4429; west: 4377

On figure(s): Plan 1; Plan 2; Plan 3

Associated artifacts

Number	category	subdivision
111	ground stone	ground stone (small)-cooking stone
112	cutting tool	cutting tool pointed
113	cutting tool	cutting tool
114	cutting tool	cutting tool
115	cutting tool	cutting tool
116	handstone	handstone (big)-percussor
117	percussor	hammerstone
118	percussor	hammerstone
119	handstone	handstone (big)
120	cobble	cooking stone
121	core	core
122	cobble	cobble
123	core	notched piece
124	cobble	cobble
125	cutting tool	cutting tool
126	cutting tool	cutting tool pointed
127	percussor	retouch tool
128	cutting tool	cutting tool pointed
129	digging tool	digging tool
130	cobble	cobble
131	ground stone	ground stone (small)
132	cutting tool	cutting tool
133	handstone	(small)-cooking stone

134	percussor	hammerstone-gesplittert
135	cobble	cooking stone
136	cobble	cobble
137	handstone	handstone (unknown)
138	cobble	cobble
139	handstone	(unknown)-percussor
140	digging tool	digging tool
141	notched piece	notched piece
142	handstone	(medium)-percussor
143	cobble	cobble
144	handstone	handstone (big)
145	cobble	cooking stone
146	percussor	retouch tool
147	handstone	handstone (unknown)
148	scraper	scraper
149	flake	flake
150	flake	flake
151	cobble	cobble
152	core	core-notched
153	percussor	hammerstone
154	handstone	handstone (unknown)
155	ground stone	(small)-percussor
156	handstone	handstone (small)
157	cutting tool	cutting tool
158	notched piece	notched piece
159	cobble	cooking stone
160	cutting tool	cutting tool
161	core	core-notched
162	handstone	(unknown)-cooking stone
163	handstone	handstone (very small)
164	borer	borer
165	cutting tool	cutting tool
166	cutting tool	cutting tool
167	cobble	cooking stone
168	cobble	cooking stone
169	percussor	retouch tool
170	cobble	cobble
171	cutting tool	cutting tool
172	handstone	abrading tool
173	flake	flake
174	cutting tool	cutting tool
179	fragment	fragment
350	bead	discoidal stone bead
1481	tied up wood	tied up reed

Associated radiocarbon samples

Sample	material	size (mg)	radiocarbon age (BP)	±	delta13 ‰
Hd-28805	charcoal	35	4495	24	-27,1
Hd-28602	charcoal	27,2	4474	25	-26,7

Associated vertebratae remains

mammalia: indeterminate; 1 fragmented flat bone, 3 mandible or maxilla fragments, 1 molar fragment  
 mammalia: caviidae: Cavia sp.; 1 right side of mandible (includes molars)

Associated invertebratae remains

Species	weight	MNI	comment
Mytilidae Family	0 g	1	mentioned as „Chorito“ in inventory list; no further information
Mesodesma donacium	0 g	1	mentioned as „Almeja“ in inventory list; no further information

**Feature 4039      occupation layer**

Unit: 5    excavated in 2008

Period: archaic; Phase: 4

Description: Feature 4039 was an occupation layer. It was located in the eastern central part of Unit 5. It was slightly inclined from west to east. The northern part of it was already excavated in 2007. It was of irregular shape, with a maximum length of 355 cm from west to east and a maximum width of 303 cm from north to south. It was 11 cm thick. It consisted of semi-compact, fine soil of dark beige-brown color, mixed with abundant small stones.

Comments: In the original description 4 small ceramic sherds were mentioned, but in an later evaluation it was declared that those were from a different feature and thus not belonging to the occupation layer. It was mentioned to be stratigraphically equal to Feature 4038. It covered in a very restricted part feature 3976-1. This cover was probably produced by a slightly downward erosion due to the natural inclination. Features 4039 and 3976-1 thus were stratigraphically most probably contemporaneous.

Stratigraphic position: above: 3976-1; 4078; 4082; 4087; 9942; 9943; 9947; ; below: 3974; 3993; 4035; 4037  
strat. equal to: 4038

Location (closest features): north: 3976-1; east: 4279D; south: 4038; west: 4311

On figure(s): 34; Plan 1; Plan 2; Plan 3

Associated artifacts

Number	category	subdivision
182	cutting tool	cutting tool
183	handstone	(medium)-palette
184	handstone	handstone (medium)

**Feature 4040      fireplace**

Unit: 5    excavated in 2008

Period: archaic; Phase: 2

Description: Feature 4040 was a fireplace in the south of Unit 5. It was of irregular shape. The southern edge corresponded with the southern edge of the excavation unit and was thus straight. The maximum length was 166 cm from west to east and the maximum width was 100 cm from north to south. It was 30 cm thick in the center, but thin in the outer parts. The walls of the pit were very inclined and the bottom irregular. The material consisted of burned soil of dark brown-black color, mixed with abundant charcoal remains, ashes, small stones, middle-sized stones and plant remains.

Comments: Even though the fireplace has an relatively high thickness, no connection was found in the south (Unit 6). There a test trench was located of just 1 m width and within it no remain of a fireplace was documented. Probably the fireplace was not expanding very much towards the south. In the south profile of Unit 5 it was just partly detectable, resulting from the lower thickness (around 1-2 cm) on the outer parts.

Stratigraphic position: above: 4042; below: 4038

Location (closest features): north: 4045; east: 4042; south: 9860; west: 4384

On figure(s): Plan 6

Associated artifacts

Number	category	subdivision
41	core	core
42	handstone	(unknown)-cooking stone
43	handstone	(unknown)-cooking stone
44	handstone	(unknown)-cooking stone
45	handstone	(unknown)-cooking stone
46	cutting tool	cutting tool
47	ground stone	(small)-cooking stone
48	percussor	retouch tool

49	percussor	retouch tool
364	bead	oval shell bead
365	bead	oval shell bead

Associated radiocarbon samples

Sample	material	size (mg)	radiocarbon age (BP)	±	delta13 ‰
Hd-28678	charcoal	21,5	4524	25	-26,2
Hd-28478	seeds	9	4547	32	-22
ETH-38147	seeds	4543	26		

Associated invertebratae remains

Species	weight	MNI	artifact	comment
<i>Fissurella</i> sp.	0,2 g	2	364; 365	

**Feature 4041 fireplace**

Unit: 5 excavated in 2008

Period: archaic; Phase: 4

Description: Feature 4041 was a fireplace in the south of Unit 5. It was of irregular shape. The southern edge corresponded with the southern edge of the excavation unit and was thus straight. The maximum length was 177 cm from north to south and the maximum width was 174 cm from east to west. The walls of the pit and the bottom were irregular. The thickness varied between 14 cm and 45 cm in the center, but the feature was thin in the outer parts. The material consisted semi-compact to loose, burned soil of dark brown-black color, mixed with abundant charcoal remains, ashes, some small stones and abundant plant remains.

Comments: Even though the fireplace has an relatively high thickness, no connection was found in the south (Unit 6). There a test trench was located of just 1 m width and within it no remain of a fireplace was documented. Probably the fireplace was not expanding very much towards the south. In the south profile of Unit 5 it was just partly detectable, resulting from the lower thickness (around 1-2 cm) on the outer parts.

Stratigraphic position: above: 4038; below: 4035

On figure(s): Plan 1; Plan 2; Plan 3

Associated artifacts

Number	category	subdivision
2	cutting tool	cutting tool
3	handstone	(medium)-percussor
4	flake	flake
5	flake	flake
6	cutting tool	cutting tool
7	cutting tool	cutting tool borer
8	borer	borer
9	cutting tool	cutting tool
10	salt-concretion	salt-concretion
11	percussor	retouch tool
12	handstone	(medium)-cooking stone
13	ground stone	ground stone (small)
14	cobble	cobble
15	percussor	retouch tool
366	bead	discoidal stone bead

Associated vertebratae remains

mammalia: indeterminate; 1 vertebra

mammalia: caviidae; 1 humerus (distal epiphysis missing, immature), 1 left side of mandible, 1 fragmented molar

Associated invertebratae remains

*Cryphiops caementarius*; weight: 0 g; MNI: 1; mentioned as „Camarón“ in inventory list; no further information

**Feature 4042 burial**

Burial: 29 Unit: 5 excavated in 2008

Period: archaic; Phase: 2

Description: Burial 29 was located in the central southern part of Unit 5. It was located in the surface of Feature 4043 and below Feature 4040. The burial was deposited in a burial pit that was covered with big stones. The big stones were mainly of natural origin, but four of them were grinding stones or fragments of them. The stones were towering about 20 cm above the surrounding material and covered an area of 77,5 cm from east to west and 75 cm from north to south. The plaster was not flush mounted in the surface. In the gaps between the stones the beginning filling material of the burial pit was visible. The burial pit had an oval shape on the surface and was orientated from northeast to southwest. It was 85 cm long, 52 cm wide and 60 cm deep. The walls were very steep. The burial pit was not entirely covered with the big stones. The first filling level consisted of granular semi-compact soil of brown-orange color. It was mixed very much with gravel, vegetal remains and charcoal and had a depth of 15-20 cm. Within the filling material lithic artifacts (1 core, 1 cutting tool, 1 handstone), abundant cord remains, the remains of badly preserved textiles, 2 oval shell beads, fragments of fresh water shrimp, a fragment of a sea urchin, 2 wooden sticks 1 bird bone, different plant remains and human excrements were found. Below that filling level a fine level consisting of fine soil of beige color was located. It was mixed very much with charcoal remains. Below that fine layer abundant well preserved textiles made of plant fibers were located. A meshed textile was located in the southeast of the burial pit above parts of the feet of the individual. In the center of the burial pit a fine elaborated braid was located that was folded together. In between the braid a fine, small textile of plant fibers was located in the center of the burial. It was not covered by the braid but covered itself an artifact, which was an awl made of antler and was not entirely covered as the sharp point reached out below the textile. Below these artifacts a mat of coarse plant fibers that were connected with some wefts of finer cord was located. This mat covered the individual. The mat covered an oval zone in the center of the burial pit. Besides the meshed textile all other artifacts below the charcoal mixed last filling layer were located upon it. The mat was involved in the center by a stronger cord. Below the mat a concentration of plant remains, mainly plant fibers were located. In the northeast, above the position of the cranium, a dense, fine textile made of plant fibers was located, which was rectangular in shape and formed a bag or headdress. Within the same a fine mat textile was located and it covered the cranium of the individual. Some of the cords were colored red giving the textile a striped pattern. On the feet of the individual in the southeast of the burial a stronger cord was located. Below the textiles and the plant fiber concentration the remains of the individual were located. The individual was very well preserved and partly mummified. Left of the individual a bracelet of oval shell beads was located. On both wrists and ankles bracelets of stings of plant fibers were reported. Below the right arm some calabash remains were located. Below the individual another bracelet made of oval shell and shell pendants beads was located. An artifact made of bone (a spatula) was located under the cranium. Below the individual a mat remain of the same material as the covering mat was located. Thus the individual was wrapped into a mat. Below the mat a stone plaster of natural big stones was located. The individual was located on the bottom of the west of the burial pit.

Comments: The individual was removed in block excavation. It was radiographed in the hospital of Palpa. Some of the excavation information thus results from later analysis in the excavation house and of the radiographs.

Interpretation: The reason for the mummification of the individual is not clear. No intentional mummification procedures were traceable. It has to be kept in mind that the individual was located below a thick and intense fireplace (Feature 4040) and that the materials in the first filling level were well preserved as well. Furthermore the last filling level was mixed very much with charcoal. Thus the individual was covered by two charcoal layers, that maybe downleveled the decaying processes and led to an unintentional mummification.

Stratigraphic position: above: 4043-2; below: 4040

Location (closest features): north: 4046; east: 4017; south: 9870; west: 9928

On figure(s): 45; 49; Plan 6; Plan 7; Plan 8; Plan 9-11

Anthropological information

Individual: 29 age class: infans 1 est. age: <1 year sex: indeterminate

Description of skeleton: The individual was very well preserved and mummified. The skin is partly remaining and has a dark black color. The skin remained on the main parts of the torso, the arms, legs and feet. On the cranium and the right side of the torso the skin was not remaining. The human remains covered an area of about 40 cm length and 20 cm width. The individual was deposited in left sided prone position. The cranium was located in the northeast with a downwards view direction. The left arm was located lateral and the hand was located close to the pelvis. The right arm was slightly flexed with the hand below the individual. The legs were slightly flexed with the knees pointing towards the west.

Comment: The position of the individual was described including the radiographs. The block recovered burial was not disassembled. This will be done in another study using not intrusive methods. Thus parts of the artifacts were

not removed and not measured but described by sight. Not removed were the bracelet and the calabash remains as other smaller artifacts - probably beads - that are just visible on the radiograph.

Associated Strontium isotope sample

Sr87/Sr86	sigma-2	weight	material
1508	0,706241	0,0031	30 dental enamel

Associated artifacts

Number	category	subdivision
63	core	core
64	flake	flake
65	handstone	handstone (medium)
198	ground stone	ground stone (big)
199	ground stone	ground stone (big)
200	ground stone	ground stone (big)
204	ground stone	ground stone (medium)
351	awl	awl
352	spatula	spatula
359	bead	oval shell bead
360	bead	oval shell bead
362	bottle gourd epicarp	bottle gourd vessel
695	looped	figure-8 looping
697	twined; open and close	diagonal twining
700	knotted	close grided
703	twined	open simple twining
708	cord	simple cord
709	cord	simple cord
714	plant fiber	plant fibers remains
715	knotted	close grided
717	cord	simple cord
719	cord	simple cord
721	cord	simple cord
722	cord	simple cord
723	cord	simple cord
724	looped	twisted looping wide
725	plant fibers	plant fibers
727	twined	open simple twining
728	cord	simple cord
729	cord	simple cord
730	cord	simple cord
731	plant fibers	plant fibers
732	cord	simple cord
733	cord	simple cord
734	cord	simple cord
735	cord	simple cord
736	cord	simple cord
737	cord	simple cord
738	cord	simple cord
739	cord	simple cord
740	cord	simple cord
741	cord	simple cord
742	plant fibers	plant fibers
1023	twined	open simple twining
1026	knotted	wide grided (stretched)
1027	twined	open simple twining
1029	cord	complex cord with connected tressed rope

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1032	twined	open simple twining
1266	split wood	trimmed; worn ends
1267	split wood	trimmed split wood
1482	bracelet	small bracelet
1483	bracelet	medium bracelet

Associated radiocarbon samples

Sample	material	size (mg)	radiocarbon age (BP)	±	delta13 ‰
MAMS-12417	bean	2	4521	24	
Hd-28795	wood	70,5	4429	31	-26,9
Hd-28468	seeds	8,6	4656	33	-25,4
ETH-38144	seeds	4669	27		

Associated macrobotanical remains

taxon	topology	comp. rem.	fragment	weight (g)	artifact
Pachyrhizus sp.	root		1	0,5	
Lagenaria siceraria	fruit		14	9	362
POACEAE	stem and leaves		1	0,5	
MAGNOLIOPSIDA	leaf		1	0,5	
cf. Paspalum sp.	fruit		1	0,5	
Paspalum sp.	fruit		1	0,5	731
Prosopis pallida	fruit	21	26	18	
Phaseolus lunatus	fruit	20	47	37	
MAGNOLIOPSIDA	leaves-stems		1	18	
MAGNOLIOPSIDA	cf. stem		1	0,5	
Ipomoea batatas	root	2	2	9	
Salix sp.	stem		3	1	
MAGNOLIOPSIDA	stem		1	0,5	715
Salix sp.	stem and leaves		1	3	725
Salix sp.	stem and leaves		1	110	715
Cucurbita sp.	seed		1	0,5	
cf. Acacia/Prosopis	stem		1	2	
Equisetum giganteum	stem		4	15	
Gynerium sagittatum	stem		2	5	
cf. Paspalum sp.	leaf		1	22	
MAGNOLIOPSIDA	stem		1	1	
CYPERACEAE	stem		7	13	1032
MAGNOLIOPSIDA	stem		1	2	731
POACEAE/CYPERACEAE	leaves-stems		2	0,5	731
POACEAE	leaf		1	0,5	731
MAGNOLIOPSIDA	stem		1	1	1032
LILIOPSIDA	stem		1	1	1032
ND	n.d.		1	1	1032
Salix sp.	stem and leaves		1	17	
LILIOPSIDA	stem		1	0,5	
POACEAE	stem and leaves		1	75	742
Typha sp.	leaf		1	0,5	742
Tessaria integrifolia	leaf		1	0,5	742
MAGNOLIOPSIDA	leaf		1	0,5	742
MAGNOLIOPSIDA	stem		2	0,5	742
cf. Acacia/Prosopis	stem		1	0,5	742
CYPERACEAE	stem		1	0,5	715
LILIOPSIDA	stem		1	0,5	715
ND	n.d.		1	0,5	715
CYPERACEAE	stem		1	0,5	715
cf. Tessaria	leaf		1	0,5	715

Associated vertebratae remains

- aves: indeterminate; 1 complete humerus
- mammalia: camelidae or cervidae; artifact 352, 1 fragmented long bone
- mammalia: cervidae: Hippocamelus; artifact 351, 1 sheded antler (entire with base)

Associated invertebratae remains

- Cryphiops caementarius*; weight: 0,5 g; MNI: 1; found in the filling material; young individual
- Echinoidea Class; weight: 0,3 g; MNI: 1; found in the filling material
- Fissurella* sp.; weight: 42 g; artifacts 359, 360, 1482, and 1483

**Feature 4043-1 use floor**

Unit: 5 excavated in 2008

Period: archaic; Phase: 1

Description: Feature 4043-1 was a use floor remain in the southeastern part of Unit 5. It was attached to the surface of Feature 4043-2 and formed thus the uppermost centimetres of Feature 4043-2. It is very irregularly distributed in the center and south of Unit 5 and several features were located within the surface. It is slightly inclined from west to east. It is connectable to Feature 4385 in Unit AQ46 and Feature 4437-1/Feature 4437-2 in Unit 6. The maximum length was 420 cm from north to south and the maximum width was 291 cm east to west. In the southern part it was about 7 cm thick, whereas in the northern part the thickness was at about 2-3 cm. The material consisted of semi-compact, clumpy soil of dark beige color, mixed with abundant charcaol, some small stones and abundant plant remains.

Comments: Feature 4043-1 was excavated in 2008, the connection features 4437-1, 4437-2 and 4385 in 2009. The discription of the materials is slightly differing, but after a reevaluation of all photographs and drawings it was clear that the connection is valid. The feature was described in the original description of Feature 4043. It corresponds with the floor remain of Feature 4437-1 and is clearly visible in the profiles. Feature 4043-1 was originally documented as part of Feature 4043. Feature 4043 was seperated into the floor remain Feature 4043-1 with a different color and the occupation layer Feature 4043-2 to which the floor remain was attached. All found material was found within the occupation layer. Thus as an exception Feature 4043-1 is assigned as beeing above Feature 4043-2 and as being part of Feature 4043-2. In the Harris-Matrix the relation of both features will be displayed as beeing one feature.

Stratigraphic position: below: 4044; 4047; 9944; 9945; 9946; forms one with: 4043-2; 4385; 4437-1; 4437-2

Location (closest features): north: 4086-2; east: 4101; south: 4437-2

On figure(s): : Plan 1-4; Plan 5; Plan 6; Plan 7; Plan 8

Associated artifacts

Number	category	subdivision
29	percussor	retouch tool
30	percussor	retouch tool
31	flake	nd
32	handstone	handstone (medium)
33	core	core
34	handstone	handstone (small) circular
35	handstone	(extreme)-percussor

**Feature 4043-2 occupation layer**

Unit: 5 excavated in 2008

Period: archaic; Phase: 1

Description: Feature 4043-2 was an occupation layer in the southeastern part of Unit 5. It was very irregularly distributed and slightly inclined from west to east. On the uppermost centimetres Feature 4043-1 was attached. The maximum length was 446 cm from west to east and 420 cm from north to south. The thickness of the occupation layer varied between 10 to 19 cm in the southwest and 9 to 15 cm in the south. The material consisted of semi-compact, middle-granular soil of grey-light yellowish color, mixed with abundant charcoal, small stones and plant remains. In the southeastern part the color was slightly more brown.

Comments: Feature 4043-2 was excavated in 2008, the connection features 4437-1, 4437-2 and 4385 in 2009. The discription of the materials is slightly differing, but after a reevaluation of all photographs and drawings it was clear

that the connection is valid. The feature was described in the original description of Feature 4043. It corresponds with the occupation layer of Feature 4437-2 and is clearly visible in the profiles. Feature 4043-2 was originally documented as part of Feature 4043. Feature 4043 was separated into the floor remain Feature 4043-1 with a different color and the occupation layer Feature 4043-2 to which the floor remain was attached. All found material was found within the occupation layer. Thus as an exception Feature 4043-2 is assigned as being below Feature 4043-2 and as being part of Feature 4043-2. In the Harris-Matrix the relation of both features will be displayed as being one feature.

Stratigraphic position: above: 9928; 9929; 9930; 9931; 9932; 9934; 9935; ; below: 4042; 4044; 4047; 9944; 9945; 9946; forms one with: 4043-1; 4385; 4437-1; 4437-2

Location (closest features): north: 4086-2; east: 4101; south: 4437-2

On figure(s): : Plan 1-4; Plan 5; Plan 6; Plan 7; Plan 8

Associated artifacts

Number	category	subdivision
36	core	core-palette
37	percussor	hammerstone
196	mortar	mortar
367	bead	discoidal shell bead
368	bead	oval shell bead
369	pendant	snail shell pendant
1484	pointed wood	pointed wood

Associated radiocarbon samples

Sample	material	size (mg)	radiocarbon age (BP)	±	delta13 ‰
Hd-28786	charcoal	25,1	4666	25	-26
Hd-28477	seeds	8,6	4784	33	-23,9
ETH-38145	seeds	4821	27		

Associated vertebratae remains

mammalia: indeterminate; 8 fragments of flat bones, 3 fragments of long bone, 21 fragmented teeth

Associated invertebratae remains

*Mitrella* sp.; weight: 0,3g; MNI: 1, artifact 369; snail shell pendant

*Fissurella* sp.; weight: 0,2g; MNI: 1, artifact 368; oval shell bead

undetermined sea snail; weight: 0g; MNI: 1; mentioned as „Lapa“ in inventory list; no further information

*Cryphiops caementarius*; weight: 0g; MNI: 1; mentioned as „camarón“ in inventory list; no further information

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**Feature 4044 fireplace**

Unit: 5 excavated in 2008 Group: Group\_12

Period: archaic; Phase: 2

Description: Feature 4044 was a fireplace in the center of Unit 5. It was of irregular shape. The maximum length was 147 cm from west to east and the maximum width was 133 cm from north to south. The depth varied between 11 and 17 cm. The walls and the bottom were irregular. The filling material consisted of loose, middle-granular soil of dark beige-black color, mixed with some small stones, abundant charcoal and ashes remains.

Stratigraphic position: above: 4043-1; 4043-2; below: 9925

Location (closest features): north: 3990; east: 4047; south: 4045

On figure(s): Plan 6-11

Associated artifacts

Number	category	subdivision
370	bead	angular bead

Associated radiocarbon samples

Sample	material	size (mg)	radiocarbon age (BP)	±	delta13 ‰
Hd-28588	charcoal	18,1	4675	25	-27,1

Associated invertebratae remains

Species	weight (g)	MNI	artifact	comment
undetermined shell	0,2	1	370	angular shaped shell bead

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**Feature 4045 fireplace**

Unit: 5 excavated in 2008 Group: Group\_12

Period: archaic; Phase: 2

Description: Feature 4045 was a fireplace in the southeastern center of Unit 5. It was of irregular circular shape with a diameter of 58 cm and a depth varying between 11 and 17 cm. The walls were inclined and the bottom was concave.

The filling material consisted of a concentration of stones and charcoal, mixed with loose, middle-granular soil of dark beige color and some plant material. Within the plant material lima beans and huarango were mentioned.

Comments: The pit of the fireplace partly damaged the pit of Feature 9944.

Stratigraphic position: above: 9944; below: 9925

Location (closest features): north: 4044; east: 4100; south: 9944; west: 9937

On figure(s): Plan 6-11

Associated artifacts

Number	category	subdivision
68	handstone	handstone (unknown)
69	percussor	hammerstone
70	handstone	(small)-percussor

Associated radiocarbon samples

Sample	material	size (mg)	radiocarbon age (BP)	±	delta13 ‰
Hd-28589	charcoal	13,5	4604	21	-26,7
Hd-28508b	seeds	9,1	4596	25	-27,3
Hd-28508a	seeds	9,1	4614	30	-27,4

**Feature 4046      burial**

Burial: 30      Unit: 5 excavated in 2008

Period: ceramic; Phase: ceramic

Description: Burial 30 of the ceramic occupation; single burial located in the center of Unit 5 (campaign 2008); the pit of the burial is encarved until the natural surface

Stratigraphic position: above: 4038; below: 4035

Associated radiocarbon samples

Sample	material	size (mg)	radiocarbon age (BP)	±	delta13 ‰
Hd-28785	charcoal	13,2	4532	23	-25,2

**Feature 4047      pit**

Unit: 5 excavated in 2008

Period: archaic; Phase: 2

Description: Feature 4047 was a pit in the center of Unit 5. It was of regular oval shape, orientated from north to south.

It was 25 cm long, 20 cm wide and 7 cm deep. The walls were inclined and the bottom concave. The filling material consisted of semi-compact to loose, middle- fine soil of dark beige color, mixed with charcoal remains and sparse plant remains.

Stratigraphic position: above: 4043-1; 4043-2; below: 9925

Location (closest features): north: 9942; east: 9946; south: 4042; west: 4044

On figure(s): Plan 6-11

**Feature 4048      burial**

Burial: 31      Unit: 5 excavated in 2008

Period: ceramic; Phase: ceramic

Description: Burial 31; a single burial of the ceramic occupation; located in the southeast of Unit 5; the pit of the burial is encarved until the natural surface

Stratigraphic position: above: 4098; below: 4030

On figure(s): 33d-g

**Feature 4050      modern surface**

Unit: 13 excavated in 2008

Period: modern; Phase: modern

Description: modern surface in Unit 13; excavated in 2008; located in the east of Unit 13; consists of fine, loose sand of beige color; mixed with few gravel, few middle-sized stones, abundant huarango leaves, remains of twigs and goat excrements

Comments: ceramic fragments of different periods were found already in this uppermost layer

Stratigraphic position: above: 4051; forms one with: 2968; 2974; 3101; 3140; 3216

**Feature 4051 layer**

Unit: 13 excavated in 2008

Period: ceramic; Phase: ceramic

Description: layer of the ceramic occupation; located in the entire Unit 13 (campaign of 2008); consists of semi-compact, middle granular sandy soil of light brown color; mixed with abundant stones of small and middle sizes and huarango leaves; some patches of more compact material were found

Stratigraphic position: above: 4052; 4053; below: 4050; forms one with: 3997; 4253

**Feature 4052 layer**

Unit: 13 excavated in 2008

Period: ceramic; Phase: ceramic

Description: layer of the ceramic occupation; located in the north and west of Unit 13 (campaign of 2008); consists of loose, fine sandy soil of very light grey color; mixed with some agglutinations of the same material and small stones and in the northwestern part as well bigger stones

Stratigraphic position: above: 4055; below: 4051

**Feature 4053 occupation debris**

Unit: 13 excavated in 2008

Period: ceramic; Phase: ceramic

Description: occupation debris of the ceramic occupation; located in the south and east of Unit 13 (campaign of 2008); consists of semi-compact, middle granulated soil of dark brown color, towards the bottom of the feature the color gets darker; mixed with gravel and in the southern part with charcoal remains

Comments: no ceramic was found in the layer, but the feature forms one feature with the Features 4030, 4256 and 4303, which all date to the ceramic occupation

Stratigraphic position: above: 4062; 4063; 9974; 9977; 9978; below: 4051; forms one with: 4030; 4256; 4303

Associated radiocarbon samples

Sample	material	size (mg)	radiocarbon age (BP)	±	delta13 ‰
MAMS-13535	charcoal	7,1	4558	23	-25,5

**Feature 4055 layer**

Unit: 13 excavated in 2008

Period: ceramic; Phase: ceramic

Description: layer of the ceramic occupation; located in the north and west of Unit 13 (campaign of 2008); consists of very compact, middle granular soil of very light grey color; mixed with abundant gravel and middle sized stones

Stratigraphic position: above: 4056-1; 4056-2; 4058; 4061; 9975; below: 4052; forms one with: 3974; 3999

**Feature 4056-1 occupation layer**

Unit: 13 excavated in 2008

Period: archaic; Phase: 3

Description: Feature 4056-1 is an occupation layer in the southeast of Unit 13. It was located in the area above the quebrada but still is inclined from south to north and from east to west. A part of it was originally excavated in the campaign of 2007. The surface form is very irregular. It is partly covered by Feature 4000-1. It was very irregular shaped. It was 243 cm long from north to south, 168 cm wide from east to west and about 24 cm thick. The material consisted of granular, semi-compact soil of dark beige color. It was mixed with some compactations, small stones

and charcoal. Within the material some big stones were mixed.

Comments: Feature 4056-1 was originally documented as Feature 4056, covering the entire part of Unit 13 that was excavated in 2008. In the north of this excavated part the remain of the quebrada is located. Only within the quebrada ceramics were recovered. After the reevaluation of the results from the campaign of 2007 it became clear, that the southern part of 4056 formed a part with some material that was excavated in 2007. Stratigraphically it was located below archaic layers. Thus Feature 4056 was seperated and the southern part, above the quebrada was labelled as Feature 4056-1.

Interpretation: Feature 4056-1 is partly covered by Feature 4000-1 and is thus stratigraphically older than it. But Feature 4056-1 partly covered the uppermost filling layer of a large pit (Feature 4068). The uppermost burial located within the large pit (Burial 35, Feature 4058) was radiocarbon dated. The result clearly dates to the end of the archaic occupation. Thus Feature 4056-1 probably eroded partly downwards the steep inclination after the abandonment of the site covering younger features below. This erosion could be produced by flooding, that led as well to the fact that the material of Feature 4056-1 and Feature 4056-2 (the lower part within the inclination) was difficult to separate during the excavation.

Stratigraphic position: above: 9976; NaSuU13; below: 4000-1; 4055

Location (closest features): north: 4068; east: 9977; south: 4000-2; west: 3976-2

On figure(s): : Plan 1-4; Plan 5

**Feature 4056-2      occupation debris**

Unit: 13 excavated in 2008

Period: ceramic; Phase: ceramic

Description: occupation debris of the ceramic occupation; located in the northeast of Unit 13; just located below a step into the quebrada zone that limits the northeast of the entire site; the material consists of semi-compact, granular and sandy soil of dark-middle grey color; some inclusions of compacter material were found; mixed with gravel

Comments: the feature was originally documented as Feature 4056, but due to the documentation, ceramic was just found in the part covering the quebrada (in the northwest of Unit 13) whereas no ceramics were found in the southern part; thus the original feature was seperated into Features 4056-2 (northern part, down in the quebrada with ceramics) and 4056-1 (southern part, above the quebrada without ceramics); this fits well with the stratigraphy of the excavations in 2007 in Unit 13

Interpretation: probably a mixed layer produced by some eroding events during rainfall, flooding and/or water in the quebrada in which remains of different occupations of the site were mixed

Stratigraphic position: above: 4059; below: 4055

**Feature 4057      filling layer**

Unit: 13 excavated in 2008 Group: St\_06\_dw

Period: archaic; Phase: 4

Description: Feature 4057 was a filling layer in a large pit (Feature 4068) and thus locater in the northeast of Unit 13. It was filling the entire large pit, but was damaged and reduced by the intrusive Burials 35 (Feature 4058), 36 (Feature 4060) and 39 (Feature 4064) and a pit (Feature 4061). Burial 38 (Feature 4063) was located on the edge of the large pit (Feature 4068) and was partly damaging as well Feature 4057. The shape of the filling layer was semicircular, orientated from northwest to southeast due to the shape of the large pit. It was 188 cm long, 136 cm wide and 84 cm thick. The material consisted of loose, middle-fine soil of dark beige color, mixed with some small stones, gravel and some charcoal remains.

Stratigraphic position: above: 4065; 4066; below: 4061; 4063; 4064

Location (closest features): south: 3976-1; west: 4000-1

On figure(s): 33a-c

Associated artifacts

Number	category	subdivision
25	flake	flake
26	fragment	fragment
27	cutting tool	cutting tool
28	handstone	(big)-percussor-palette
197	mortar	mortar

.....  
**Feature 4057-3 natural surface**

Unit: 13 excavated in 2008

Period: ceramic; Phase: ceramic

Description: the natural surface in the northeast of Unit 13; this natural surface is the bottom zone of the quebrada that cuts a large pit (Feature 4068)

Comments: the feature was reconstructed during the evaluation of the excavation documentation; it represents a natural surface that was formed after the construction of Feature 4068 and must therefore be younger and can thus roughly be dated

Interpretation: the formation of this natural surface took place after the construction and use of Feature 4068 and is thus roughly dated to the ceramic period; at least it post-dates the preceramic occupation of the site

Stratigraphic position: above: NaSuU13; below: 4059

.....

**Feature 4058 burial**

Burial: 35 Unit: 13 excavated in 2008 Group: St\_06\_bu

Period: archaic; Phase: 5

Description: Burial 35 was a single, primary burial. It was located in the southwest of a large pit (Feature 4057) and above Burial 36 (Feature 4060) in the surface of Feature 4060 and thus in the east of Unit 13. It was situated close to the edge of the inclination of Unit 13 in the northeast downwards into the quebrada. The burial was deposited in a pit that was covered with some big stones. The burial pit had an irregular oval shape with slightly inclined walls and a relatively plane bottom. It was orientated from southwest to northeast. It was 135 cm long, 62 cm wide and about 15 cm deep. It was covered in the center with eight big stones and one very big stone in the southeast, above the position of the cranium. The big stone was towering about 20 cm above the surrounding material. The filling material consisted of fine soil of brown color, mixed with smaller stones and few charcoal remains. In a depth of about 5 cm the human remains of the buried individual were located on the bottom of the burial pit. Above and below the skeleton some sparse, badly preserved remains of a mat of plant fibers were located that decayed by touching. Behind the nape of the individual a pendant made of bone was located. Below the individual some sparse remains of a probably looped textile were located, that decayed by touching, as well as some remains of wood. One probable cutting tool made of andesite was found within the filling material.

Comments: The remains of the mat indicate that the individual was wrapped.

Interpretation: Burial 35 (Feature 4058), Burial 36 (Feature 4060) and Burial 39 (Feature 4064) were deposited on top of each other within a large pit (Feature 4068) but are distinctly separated and form single burials. As the individual in Burial 35 was an adult female and the individuals of Burials 36 and 39 were young children and all burials were located together, they could represent individuals that died within a short temporal span and maybe were related. Thus the young individuals could have been the children of the individual from Burial 35. The ages and the location of the burials suggests this interpretation.

Stratigraphic position: above: 4060; below: 4055

Location (closest features): north: 4059; east: 4066; south: 9976; west: 9975

On figure(s): 33a-c; 45; 50e; 51a

Anthropological information

Individual: 35 age class: adult est. age: 20-25 years sex: female

Description of skeleton: The skeleton was relatively bad preserved. It was located in the center of the bottom of the burial pit. The human remains were located in an area of about 100 cm from southeast to northwest and 50 cm from southwest to northeast. The individual was deposited in a left flexed sideways position. The cranium was located in the southeast and slightly back-band. Thus the direction of view is towards the south. The position of the right arm is not clear as it was nearly completely decayed. The left arm was located below the torax, with the elbow behind the back, angled towards the body front, the lower arm below the spine and the hand deposited in front of the pelvis. The femurs were slightly flexed, but the lower legs were extremely flexed against the same. The tibias and femurs were thus located parallel and the feet were located close to the pelvis.

Associated artifacts

Number	category	subdivision
108	cutting tool	cutting tool
225	pendant	flat bone pendant

1546 twined nd  
 1547 looped nd

## Associated radiocarbon samples

Sample	material	size (mg)	radiocarbon age (BP)	±	delta13 ‰
Hd-30102	charcoal	12,1	4425	35	-24,7

## Associated macrobotanical remains

taxon	topology	comp. rem.	fragment	total	weight (g)
MAGNOLIOPSIDA	stem		10	10	10

## Associated vertebratae remains

mammalia: camelidae or cervidae; artifact 225, 1 fragmented long bone

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**Feature 4059 occupation debris**

Unit: 13 excavated in 2008

Period: ceramic; Phase: ceramic

Description: occupation debris of the ceramic occupation; located in the bottom of the quebrada in the northeast of Unit 13; consists of semi-compact soil of middle grey color; mixed with

Stratigraphic position: above: 4057-3; below: 4056-2

On figure(s): 33a-c; 31e  
 gravel

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**Feature 4060 burial**

Burial: 36 Unit: 13 excavated in 2008 Group: St\_06\_bu

Period: archaic; Phase: 5

Description: Burial 36 was a single, primary burial. It was located in the southwest of a large pit (Feature 4057), below Burial 35 (Feature 4058) and above Burial 39 (Feature 4064) and thus in the east of Unit 13. It was situated below the southeastern part of Burial 35 (Feature 4058), but separated from it by a big stones and parts of the burial pit above. Furthermore it was situated above the southeast of Burial 39 (Feature 4064) but separated from it by brighter material that was mixed with small stones and a stone plaster. It was situated close to the edge of the inclination of Unit 13 in the northeast downwards into the quebrada. The burial was deposited in a burial pit that was covered with big stones. The burial pit had an oval shape, orientated from northwest to southeast. The walls were inclined and the bottom relatively plane. It was 66 cm long, 43 cm wide and 18 cm deep. On top the the burial pit five big natural stones were located. The central one was 40 cm long and 20 cm wide. Below the covering stones the burial pit was filled with 5 cm of fine soil of brown color, mixed with abundant but badly preserved plant remains. Under the soil some parallel badly preserved sticks, that were arranged parallel and orientated with the main orientation of the burial pit were located. Below the sticks on the bottom of the burial pit the individual was deposited. A badly preserved remain of a mat made of plant fibers was located on the left side and below the individual. Below the cranium of the individual, within the mat, the remains of a knotted textile made of plant fibers were located, which are probably the remains of a headdress. Within the mat remains and in the eye sockets of both eyes remains of a looped textile were found as well.

Comments: Probably the individual was mat wrapped, but parts of the mat were already decayed.

Interpretation: Burial 35 (Feature 4058), Burial 36 (Feature 4060) and Burial 39 (Feature 4064) were deposited on top of each other within a large pit (Feature 4068) but are distinctly separated and form single burials. As the individual in Burial 35 was an adult female and the individuals of Burials 36 and 39 were young children and all burials were located together, they could represent individuals that died within a short temporal span and maybe were related. Thus the young individuals could have been the children of the individual from Burial 35. The ages and the location of the burials suggests this interpretation.

Stratigraphic position: above: 4064; below: 4058

Location (closest features): north: 4064; east: 4066; south: 9976; west: 9975

On figure(s): 33a-c; 45; 50f; 51b

## Anthropological information

Individual: 36 age class: infans 1 est. age: 3-9 months sex: indeterminate

Description of skeleton: The remains of the individual are badly preserved. They were located in the center of the bottom of the burial pit. The individual was deposited in a supine, right flexed position. The cranium was located in

the northwest and deposited on the occiput. The view direction is upwards. The right arm is extended with the hand close to the pelvis. The left arm is flexed towards the chest and the hand was probably located on the chest. The legs are flexed towards the body and the knees were located right of the pelvis. The lower legs are extremely flexed and the feet close to the pelvis.

Associated artifacts

Number	category	subdivision
669	twined	open simple twining
670	looped	figure-8 looping
671	knotted	close grided

**Feature 4061 pit**

Unit: 13 excavated in 2008 Group: St\_06\_bu

Period: archaic; Phase: 5

Description: Feature 4061 was a pit in the south of a large pit (Feature 4068) and thus located in the east of Unit 13.

The feature was of irregular oval shape, orientated from northeast to southwest. The walls were steep and the bottom relatively plane. It was 57 cm long, 43 cm wide and 90 cm deep, reaching into the natural surface. It was covered with a big stone in the southwestern part. The filling material consisted in the uppermost 8 cm of fine soil of brown color, mixed with gravel and charcoal remains. Below that a fine layer of badly preserved plant remains, mixed with brown soil was located. Under that the pit was filled with granular soil of brown color, mixed with stones, gravel, plant remains and charcoal remains.

Stratigraphic position: above: 4057; below: 4055

Location (closest features): east: 4062; south: 9923; west: 4058

On figure(s): 33a-c

Associated radiocarbon samples

Sample	material	size (mg)	radiocarbon age (BP)	±	delta13 ‰
Hd-30101	charcoal	26	4493	37	-25,5

**Feature 4062 burial**

Burial: 37 Unit: 13 and partly: 17 excavated in 2008 Group: Group\_24

Period: archaic; Phase: 5

Description: Burial 37 is a single, primary burial. It is encaved into the natural surface and located in the east of Unit 13, reaching into Unit 17. The burial was deposited on the bottom of a pit. The pit was of irregular circular shape with a length of 55 cm, a width of 49 cm and a depth of 20 cm. The walls of the burial pit were steep. The filling material consisted of compact, fine soil of dark brown color that was mixed with abundant small stones and some charcoal remains. A bigger stone was found within the filling material. The material was slightly humid, which probably influenced the filling material making it more compact as well as the human remains. The filling material was about 20 cm thick. Below the filling material in the center of the pit the individual was deposited. Below the skeleton in the western part of the burial pit a very bad preserved remain of a mat made of plant fibers was located that decayed by touching.

Comments: The mat probably wrapped the individual, but was mostly decayed.

Stratigraphic position: above: NaSuU13; below: 4053

Location (closest features): north: 4063; east: 4278; south: 9974; west: 9977

On figure(s): 45; 51c; 52a; : Plan 1-4; Plan 5; Plan 6; Plan 7; Plan 8; Plan 9-11

Anthropological information

Individual: 37 age class: infans 1 est. age: 1 year sex: indeterminate

Description of skeleton: The skeleton was very badly preserved. It was located in the center of the bottom of the burial pit. The individual was deposited in a supine, right-flexed position. The cranium was located in the south and bent to the right. The direction of view was thus towards the east. The arms were deposited in a lateral of the body and slightly flexed. The hands were located in contact with the pelvis. The legs were flexed and the knees were pointing towards the right body site.

Associated Strontium isotope sample

Sr87/Sr86	sigma-2	weight	material
1512 0,7071870,0061	38		dental enamel

Associated artifacts

Number	category	subdivision
1548	twined	open simple twining

Associated macrobotanical remains

taxon	topology	comp. rem.	fragment	total	weight (g)
Gynerium sagittatum	stem		5	5	3

**Feature 4063      burial**

Burial: 38      Unit: 13 excavated in 2008

Period: archaic; Phase: 5

Description: Burial 38 is a single, primary burial. It is located on the edge of a large pit (Feature 4068) and is damaging the same a little bit. Thus it is located in the east of Unit 13 and close to the steep inclination towards the quebrada. The burial was deposited in a pit that was covered with a big stone. The burial pit had an irregular oval shape, orientated from east to west. It was 85 cm long, 48 cm wide and 22 cm deep. The walls of the pit were steep and the bottom relatively plane. On the top of the filling material in the east of the pit a big natural stone was located. The filling material of the burial pit consisted of loose, fine soil of brown color, mixed with small stones. From about 5 cm below the surface onwards, the filling material was mixed with some very bad preserved remains of plant remains and some charcoal. On the bottom of the pit the individual was deposited. The big stone was covering the center of the individual, but was separated from the same by a fine layer of the filling material. The individual was covered by a badly preserved mat of plant fibers, that was decaying by touch. Parts of the same mat were located below the individual. A single oval shell bead was found within the burial pit, but not directly associated with the individual.

Comments: The individual was probably originally wrapped by a mat that was just partly and badly preserved.

Interpretation: Burial 38 was not assigned to the group St\_06\_bu as the burial pit damaged parts of the edge of Feature 4068 but was mainly located outside the same.

Stratigraphic position: above: 4057; below: 4053

Location (closest features): north: 4059; east: 4068; south: 4062

On figure(s): 33a-c; 31e; 45; : Plan 1-4; Plan 5; Plan 6; Plan 7; Plan 8; Plan 9-11

Anthropological information

Individual: 38      age class: infans 1      est. age: 6 months      sex: indeterminate

Description of skeleton: The skeleton was located in the east of the bottom of the burial pit. It was very badly preserved. The deposition of the individual is due to the bad preservation not very clear. Probably it was deposited in a right flexed position. The cranium was located in the southeast with a probable direction of view towards the east. The arms were flexed and the hands were located on the pelvis. The legs were probably flexed towards the right body side.

Comment: Very badly preserved.

Associated artifacts

Number	category	subdivision
222	bead	oval shell bead
1549	plant fibers	plant fibers

Associated radiocarbon samples

Sample	material	size (mg)	radiocarbon age (BP)	±	delta13 ‰
MAMS-13538	charcoal	8,2	4552	23	-26

Associated invertebratae remains

Species	weight	MNI	artifact	comment
<i>Fissurella</i> sp.	0,1 g	1	222	oval shell bead

**Feature 4064      burial**

Burial: 39      Unit: 13 excavated in 2008 Group: St\_06\_bu

Period: archaic; Phase: 5

Description: Burial 39 was a single, primary burial. It was located in the west of a large pit (Feature 4068), about 10 cm below the northwestern part of Burial 36 (Feature 4060) and separated from it by brighter material that was mixed with small stones and a stone plaster. Thus it was located in the east of Unit 13. The burial was deposited on the

bottom of a pit that was covered with a stone plaster. The burial pit was of oval shape and orientated from northeast to southwest. It was 57 cm long, 34 cm wide and 20 cm deep. The walls were inclined and the bottom concave. The pit was covered with three big, flat natural stones. The biggest of them was triangular and located above the center of the burial pit. It was 20 cm long and 40 cm wide and compressed the the central part apart from the carnum of the individual below. The filling material consisted on top of a thin lense of sandy soil and below that of soil of beige-yellowish color. On the bottom of the burial pit the individual was deposited. It was wrapped in a mat of plant fibers, that was very badly preserved and decayed by touching. Below the wrapping mat a meshed textile made of plant fibers was located in the area of the legs and in front of the chest. On the upper part of the chest, in front of the neck a pendant made of a snail shell (*Tegula ater*) was located. Below the individual but within the wrapping mat a polishing stone was deposited.

Interpretation: Burial 35 (Feature 4058), Burial 36 (Feature 4060) and Burial 39 (Feature 4064) were deposited on top of each other within a large pit (Feature 4068) but are distinctly seperated and form single burials. As the individual in Burial 35 was an adult female and the individuals of Burials 36 and 39 were young children and all burials were located together, they could represent individuals that died within a short temporal span and maybe were related. Thus the young individuals could have been the children of the individual from Burial 35. The ages and the location of the burials suggests this interpretation.

Stratigraphic position: above: 4057; below: 4060

Location (closest features): north: 4059; east: 4066; south: 4060; west: 4068

On figure(s): 33a-c; 45; 51d; 52c

Anthropological information

Individual: 39 age class: infans 1 est. age: 1-2 years sex: indeterminate

Description of skeleton: The skeleton was located on the bottom of the burial pit. It is fairly preserved but compressed in the center part. The cranium was not compressed. The individual was deposited in a left-sided semiflexed position. The cranium was located in the northwest. The carnum was slightly bend towards the south and the direction of view was towards the southeast. The cranium was as well a little bit towering above the rest of the skeleton as the other parts were compressed by the big central stone above the burial. The arms were extended and lateral on both sides of the body with the hands in front of both sides of the pelvis. The legs were flexed to the left side with the knees above the line of the pelvis. The lower legs were extremley flexed towards the femurs with the feet close below the pelvis.

Comment: Due to the anthropological determination the individual was maybe badly ill, but the illness was not further determined.

Associated Strontium isotope sample

Sr87/Sr86	sigma-2	weight	material
1514	0,706187283	140	dental enamel

Associated artifacts

Number	category	subdivision
185	handstone	abrading tool
223	pendant	snail shell pendant
677	looped	nd
678	twined	open simple twining

Associated invertebratae remains

Species	weight	MNI	artifact	comment
<i>Tegula atra</i>	15,8 g	1	223	snail shell pendant, located in front of the neck, large

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**Feature 4065 pit**

Unit: 13 excavated in 2008 Group: St\_06\_dw

Period: archaic; Phase: 4

Description: Feature 4065 was a pit in the southwest of the bottom of a large pit (Feature 4068). It was of irregular oval shape, orientated from northwest to southeast. It was 65 cm long, 45 cm wide and 11 cm deep. It was covered with two big stones in the surface. The walls were steep and the bottom was concave. The filling material consisted of semi-compact to loose soil of dark beige color, mixed with charcoal remains. On the top of the filling material some remains of a textile made of plant fibers was located. It was badly preserved and decayed by touching.

Stratigraphic position: above: 4068; below: 4057

Location (closest features): north: 4068; east: 4066; south: 4068; west: 4068

On figure(s): 33a-c; 31e

Associated artifacts

Number	category	subdivision
1	cutting tool	cutting tool pointed

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**Feature 4066**      **pit**

Unit: 13 excavated in 2008 Group: St\_06\_dw

Period: archaic; Phase: 4

Description: Feature 4066 was a pit in the eastern part of the bottom of a large pit (Feature 4068) and thus located in the east of Unit 13. It was of circular shape with a diameter of 35 cm and a depth of 22 cm. The walls were inclined in the bottom concave. The pit was covered with three big stones on the surface. The filling material consisted of semi-compact to loose, middle-fine soil of dark beige color, mixed with charcoal remains.

Stratigraphic position: above: 4068; below: 4057

Location (closest features): north: 4068; east: 4068; south: 4068; west: 4065

On figure(s): 33a-c; 31e

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**Feature 4067**      **pit**

Unit: 13 excavated in 2007 Group: St\_05\_dw

Period: archaic; Phase: 2

Description: Feature 4067 was a pit in the south of the bottom of a large pit (Feature 3984) and thus located in the south of Unit 13. It was of circular shape with a diameter of 31 cm and a depth of 25 cm. The walls were steep and the bottom concave. The filling material consisted of semi-compact to loose, middle-fine soil of dark beige color, mixed with charcoal remains and few plant remains. The remains of a textile made of plant fibers were located on the bottom of the pit. The preservation was very poor and it decayed by touching.

Comments: The location of Feature 4067 was reconstructed based on the description and photos.

Stratigraphic position: above: 3984; below: 4000-2

Location (closest features): north: 3984; east: 3984; south: 3984; west: 3986

On figure(s): 30e-g

Associated vertebratae remains

aves: indeterminate; 1 carina fragment

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**Feature 4068**      **pit**

Unit: 13 excavated in 2008 Group: St\_06\_dw

Period: archaic; Phase: 4

Description: Feature 4068 was the remain of a large pit in the northeast of Unit 13 and thus situated directly on the edge of the spur towards the quebrada. It was encaved into the natural surface. It was of semicircular shape, orientated from northwest to southeast. The northeastern part was missing and thus the pit was open towards the quebrada in the northeast. The reduction was caused by erosion produced by the quebrada. The remaining edge of the pit was furthermore damaged by the pit of Burial 38 (Feature 4063) in the southeast. The walls were steep and the remaining bottom plane. The remaining pit was still 205 cm long, 140 cm wide and 88 cm deep. It was filled with the material of Feature 4057 and contained several burials (Burial 45/Features 4058, Burial 36/4060 and Burial 39/4064). On the bottom of the pit two pits (Features 4065 and 4066) were located.

Comments: The pit was damaged by erosion of the quebrada. The original shape is not clear. It could have been circular but as well oval. In the last case it would have been orientated from northeast to southwest.

Interpretation: As the large pit contained burials dating of the last phase of the Archaic occupation (Burials 35 (Feature 4058), 36 (Feature 4060) and 39 (Feature 4064) it was still in use towards the end of the Archaic occupation. This indicates, that the damage and reduction caused probably by erratic water transport in the quebrada took place after the Archaic occupation.

Stratigraphic position: above: NaSuU13; below: 4065; 4066

Location (closest features): east: 4063; south: 3976-1; west: 4000-1

On figure(s): 33a-c; 31e

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**Feature 4069 pit**

Unit: 5 excavated in 2005

Period: ceramic; Phase: ceramic

Description: a small pit in the west of Unit 5 (campaign of 2005); the filling material consists of semi-compact to loose, fine soil of dark beige color; was excavated in the campaign of 2008 in the area of the campaign of 2005

Comments: not in the drawings; location and stratigraphic position reconstructed using the descriptions and photographs

Stratigraphic position: above: 3974; below: 3973

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**Feature 4075 pit**

Unit: 5 excavated in 2008

Period: ceramic; Phase: ceramic

Description: a pit of the ceramic occupation; located in the northeast of Unit 5; the filling material consists of loose, granular sand of beige-greyish color; the material is mixed with finer sand; encarved until the natural surface

Stratigraphic position: above: NaSuU5; below: 4018; 4030

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**Feature 4076 burial**

Burial: 32 Unit: 5 excavated in 2008

Period: ceramic; Phase: ceramic

Description: Burial 32; a single burial of the ceramic occupation; located in the northeast of Unit 5 (campaign of 2008); the pit of the burial is located on the edge of a large pit (4316) of Unit 17 and thus damaging the edge of the same partly; the pit of the burial is encarved until the natural surface

Stratigraphic position: above: NaSuU5; below: 4023

On figure(s): 37a-c

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**Feature 4078 filling layer**

Unit: 5 excavated in 2008 Group: St\_07\_dw

Period: archaic; Phase: 3

Description: Feature 4078 was a filling layer within a large pit (Feature 4086-2) and thus located in the center of Unit 5. It was located in the entire pit and thus of irregular oval shape, orientated from northwest to southeast. The northwestern part was damaged by the intrusive Feature 4037. It was inclined from west to east, due to the inclination of the natural surface in this area. It was 256 cm long and 188 cm wide. The depth of the filling layer varied from 23 to 36 cm in the western part and from 8 to 11 cm in the eastern part. The material consisted of semi-compact to loose soil of dark beige-orange color, mixed with some small stones and gravel and some charcoal remains.

Stratigraphic position: above: 9954; below: 4039; 4082

Location (closest features): north: 3988; east: 4316; south: 9925; west: 9917

On figure(s): 34

Associated artifacts

Number	category	subdivision
82	core	core
83	handstone	handstone (unknown)
84	cobble	cobble
85	ground stone	(small)-percussor
371	bead	oval shell bead
391	small piece of dried clay	

Associated radiocarbon samples

Sample	material	size (mg)	radiocarbon age (BP)	±	delta13 ‰
Hd-28679	charcoal	16,5	4556	28	-27,1

Associated vertebratae remains

aves: indeterminate; 2 bone fragments

aves: indeterminate; 74 bone fragments

aves: psittacidae; 1 carpometacarpus, 1 carpometacarpus epiphysis, 1 distal epiphysis and diaphysis of right coracoid, 1 distal epiphysis and diaphysis of left coracoid, 1 left femur (proximal epiphysis missing), 1 right femur (proximal epiphysis missing), 1 proximal epiphysis of femur, 1 first phalanx of second digit, 1 left humerus, 1 right humerus, 1 incisive bone (rostrum, beak), 1 incisive bone (rostrum, fragment), 1 right incus, 1 left incus, 16 phalange, 2 radii (distal epiphysis missing), 1 proximal epiphysis of radius, 1 proximal epiphysis of scapula, 1 second phalanx of second digit, 1 second phalanx of second digit, 1 sternum with costa, 1 right tarsometatarsus, 1 left tarsometatarsus, 1 left tibiotarsus, 1 right tibiotarsus, 2 ulnae, 5 vertebrae

mammalia: caviidae; 1 molar fragment

Associated invertebratae remains

Species	weight	MNI	artifact	comment
<i>Fissurella</i> sp.	0,1 g	1	371	

**Feature 4079 filling layer**

Unit: 5 excavated in 2008 Group: St\_07\_dw

Period: archaic; Phase: 3

Description: Feature 4079 was a filling layer in a large pit (Feature 4086-2) and thus located in the center of Unit 5. It covered the entire pit despite a part in the center of the feature that was covered with a fireplace (Feature 9956). The feature was of irregular oval shape. The northwestern part was damaged by the intrusive Feature 4037. It was inclined from west to east, due to the inclination of the natural surface in this area. It was 256 cm long and 188 cm wide (including the Feature 9954 in the center). The filling layer was 5 to 7 cm thick in the western part and 5 cm thick in the eastern part. The filling material consisted of semi-compact to loose, middle-fine soil of dark beige-greyish color, mixed with middle-sized and small stones.

Stratigraphic position: above: 9955; 9956; below: 9954

Location (closest features): north: 3988; east: 4316; south: 9925; west: 9917

On figure(s): 34

**Feature 4080 modern surface**

Unit: 13 excavated in 2005

Period: modern; Phase: modern

Description: modern surface in Unit 13; excavated in 2008; located as a small amplification towards the north in the northwest of Unit 13; consists of loose, fine sand of beige color; mixed with few gravel

Comments: no drawings available; as done as an amplification in the northwest of Unit 13 it is assigned to the campaign of 2005

Stratigraphic position: above: 4081; forms one with: 2968; 2974; 3101; 3140; 3216

**Feature 4081 occupation debris**

Unit: 13 excavated in 2005

Period: ceramic; Phase: ceramic

Description: occupation debris of the ceramic period; located in the northern part of Unit 13 (campaign of 2005); the excavation in this part amplified the zone of a large pit (Feature 3220) towards the north; the material consists of stones of different sizes; in the east of the rim two wooden sticks were reported

Comments: unfortunately the drawings and photographic documentation was lost

Interpretation: forms most probably a part of the layers Feature 3209 and/or 3221, as ceramics were found

Stratigraphic position: above: 4083; below: 4080; forms one with: 3209; 3221

**Feature 4082 animal deposition**

Unit: 5 excavated in 2008 Group: St\_07\_dw

Period: archaic; Phase: 3

Description: Feature 4082 was an animal deposition in the surface of Feature 4078 in the southeast of a large pit (Feature 4086-2) and thus located in the center of Unit 5. The remains of an animal - probably a dog - were found deposited on the bottom of a small pit. The pit was oval, orientated from northwest to southeast. It was 22 cm long, 15 cm wide and 22 cm deep. The walls were steep and the bottom concave. The pit was covered with a handstone.

The filling material consisted of loose, fine soil of dark beige-greyish color, mixed with charcoal and small stones. In the center of the bottom of the pit the remains of a young dog were located. The animal was deposited in a supine position with flexed extremities. The bones were badly preserved.

Stratigraphic position: above: 4078; below: 4039

Location (closest features): north: 4078; east: 4078; south: 4078; west: 4078

On figure(s): 34

Associated artifacts

Number	category	subdivision
66	ground stone	(small)-percussor-handstone-palette
67	handstone	(medium)-percussor
195	handstone	(extreme)-squashing stone

Associated vertebratae remains

mammalia: canis?; 30 fragments of flat bone, 1 body of lumbar vertebra, 2 fragmented teeth, 1 thoracic vertebra (spinous process), 45 fragments of vertebrae

**Feature 4083 stone concentration**

Unit: 13 excavated in 2005 Group: St\_01\_dw

Period: archaic; Phase: 5

Description: Feature 4083 was a stone concentration in the north of a large pit (Feature 3220) and thus located in the western north of Unit 13. It was partly excavated in 2005 (Feature 3223). The concentration consisted mainly of big and middle sized stones. The shape of the concentration was very irregular and the stones were in disordered position. Between the stones some semi-compact, middle-fine soil of dark beige color was located, mixed with some plant remains. The bottom was irregular. The maximum length from north to south was 190cm. The maximum width was 150 cm. The depth was about 60 cm.

Stratigraphic position: above: 3220; below: 4081; forms one with: 3223

Location (closest features): east: 3220; south: 3220; west: 3220

On figure(s): 30

Associated artifacts

Number	category	subdivision
201	ground stone	ground stone (big)

**Feature 4084 use floor**

Unit: 5 excavated in 2008 Group: St\_07\_dw

Period: archaic; Phase: 3

Description: Feature 4084 was a filling layer in a large pit (Feature 4086-2) and thus located in the center of Unit 5. It was located in the entire pit with the exception of the areas of two fireplaces (Features 9955 and 9956). It was irregular oval, orientated from northwest to southeast but damaged in the northwest by Feature 4037. It was 260 cm long and 188 cm wide. The depth varied between 2-4 cm in the west, 3-7 cm in the center and 5 cm in the east. The filling material consisted of semi-compact, fine soil of beige color, mixed with abundant small stones and plant remains.

Comments: The plant remains were too small to be recovered and determined, probably the remains of a roof or filling material.

Stratigraphic position: above: 4085; below: 9955; 9956

Location (closest features): north: 3988; east: 4316; south: 9925; west: 9917

On figure(s): 34

Associated vertebratae remains

mammalia: caviidae; 2 cranium fragments, 1 maxilla fragment (side not determinable), 1 fragm. of left maxilla

Associated invertebratae remains

*Cryphiops caementarius*; weight: 0 g; MNI: 1; mentioned as „Camarón“ in inventory list; no further information

**Feature 4085 filling layer**

Unit: 5 excavated in 2008 Group: St\_07\_dw

Period: archaic; Phase: 3

Description: Feature 4085 was a filling layer in the southeast of a large pit (Feature 4086-2). It was of irregular shape. The maximum length was 211 cm from northwest to southeast. The maximum width was 162 cm from northeast to southwest. The depth of the filling layer varied between 6 cm in the west, 5-11 cm in the center and 3-7 cm in the east. The filling material consisted of middle-fine soil of yellowish color, mixed with abundant small stones, some charcoal and plant remains.

Stratigraphic position: above: 4086-1; below: 4084

Location (closest features): north: 3988; east: 4316; south: 9925; west: 9917

On figure(s): 34

Associated artifacts

Number	category	subdivision
50	cutting tool	cutting tool pointed
51	cutting tool	cutting tool
52	cutting tool	cutting tool
53	cutting tool	cutting tool pointed
54	cutting tool	cutting tool notched
55	cobble	cobble
56	cobble	cobble
372	bead	oval shell bead

Associated radiocarbon samples

Sample	material	size (mg)	radiocarbon age (BP)	±	delta13 ‰
Hd-28572	charcoal	21,4	4480	17	-26,6

Associated vertebratae remains

mammalia: indeterminate; 6 fragments of flat bone, 6 fragments of long bone

mammalia: caviidae; 2 molars

mammalia: rodentia; 1 ramus of mandible

Associated invertebratae remains

*Fissurella* sp.; weight: 0,1g, MNI: 1; artifact 372; oval shell bead

*Cryphiops caementarius*; 0g; MNI: 1; mentioned as „Camarón“ in inventory list; no further information

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**Feature 4086-1 filling layer**

Unit: 5 excavated in 2008 Group: St\_07\_dw

Period: archaic; Phase: 3

Description: Feature 4086-1 was the lowest filling layer in a large pit (Feature 4086-2) and thus located in the center of Unit 5. It was located in the entire large pit. It was of irregular oval shape, orientated from northwest to southeast. In the northwest it was damaged by Feature 4037. The filling layer was 260 cm long and 188 cm wide. The depth varied between 6-10 cm in the west and 10 cm in the east. The filling material consisted of sandy, middle-fine soil of brown-orange color, mixed with some small and middle-sized stones and some plant remains. On the top of the filling material a concentration of groundstones and handstones was located in disorderd position.

Comments: Feature 4086-1 was described in the original description of Feature 4086. It was separated into Feature 4086-1, which was the lowest filling layer of a large pit, and Feature 4086-2 which was a large pit.

Stratigraphic position: above: 4086-2; below: 4085

Location (closest features): north: 3988; east: 4316; south: 9925; west: 9917

On figure(s): 34

Associated artifacts

Number	category	subdivision
86	ground stone	(medium)-palette
87	handstone	(very big)-percussor-palette
88	ground stone	(small)-percussor
89	cobble	cobble
90	ground stone	(small)-percussor
91	ground stone	(small)-percussor-palette
92	cutting tool	cutting tool
93	digging tool	digging tool
188	ground stone	(small)-percussor

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189	handstone	(unknown)-palette
190	cobble	cobble
191	cutting tool	cutting tool
192	ground stone	ground stone (big)
193	handstone	(unknown)-percussor
194	handstone	(very big)-percussor
203	ground stone	ground stone (big)
207	ground stone	ground stone (medium)
208	ground stone	ground stone (medium)
209	ground stone	(medium)-palette
210	ground stone	ground stone (medium)
211	ground stone	ground stone (big)

.....  
**Feature 4086-2 pit**

Unit: 5 excavated in 2008 Group: St\_07\_dw

Period: archaic; Phase: 3

Description: Feature 4086-2 was a large pit in the center of Unit 5. It was encarved into the natural surface. It was filled with different filling layers (Features 4078, 4079, 4084, 4085 and 4086-1). It was of irregular oval shape, orientated from northwest to southeast. In the northwest the edge of the large pit was damaged by Feature 4037. In the northeast it was partly damaged by the pit of Burial 33 (Feature 4087). The walls were steep and the bottom plane. The large pit was 290 cm long and 204 cm wide. The natural surface in this area is inclined towards the east. Thus the depth in the west was 53 cm and in the east 30cm.

Comments: Feature 4086-1 was described in the original description of Feature 4086. It was separated into Feature 4086-1, which was the lowest filling layer of a large pit, and Feature 4086-2 which was a large pit.

Stratigraphic position: above: NaSuU5; below: 4086-1

Location (closest features): north: 3988; east: 4316; south: 9925; west: 9917

On figure(s): 34;; 31f

.....  
**Feature 4087 burial**

Burial: 33 Unit: 5 excavated in 2008

Period: archaic; Phase: 3

Description: Burial 33 is a single, primary burial. It is located between two large pits (Feature 3990 in the northeast and Feature 4086-2 in the southwest) and thus in the northeast of the center of Unit 5. The burial was deposited in pit that was encarved into the natural surface. The burial pit had an irregular oval shape, orientated from west to east. It was 29 cm long, 17 cm wide and 20 cm deep. The walls were inclined and the bottom concave. It was covered with a plaster of small and middle-sized stones that was covering a bigger area than the pit. This stone plaster was 50 cm long and 37 cm wide and of oval shape. The burial pit was located under the center of the plaster. The filling material of the burial pit consisted of sandy, granular soil of beige-greyish color. Below the filling material on the bottom of the burial pit the individual was deposited. The individual was wrapped into a mat made of plant fibers. The mat was badly preserved and just remained in parts of the burial. It was decaying by touching. Some cord remains were located outside the wrapping mat in front of the cranium. Two fragments of shells were associated with the burial (*Choromytilus chorus* and *Mesodesma donacium*).

Stratigraphic position: above: NaSuU5; below: 4039

Location (closest features): north: 3990; east: 4314; south: 4086-2; west: 4086-2

On figure(s): 34; 45; 48f; Plan 4; Plan 5; Plan 6; Plan 7; Plan 8; Plan 9-11

Anthropological information

Individual: 33 age class: infans 1 est. age: 1 year sex: indeterminate

Description of skeleton: The skeleton of the individual was badly preserved. It was deposited in a right flexed position. The cranium was located in the west and slightly bent backwards. The direction of view is thus towards the southwest. The arms were slightly flexed with the left arm on the body and the right arm below the body. The hands were located on the pelvis. The legs are flexed and the knees are located in front of the pelvis. The lower legs were extremely flexed towards the femurs with the feet located close to the pelvis.

Associated Strontium isotope sample

Sr87/Sr86	sigma-2	weight	material
1507	0,706811	0,0029	100 dental enamel

Associated artifacts

Number	category	subdivision
668	cord	simple cord
806	twined	open simple twining

Associated invertebratae remains

Species	weight	MNI	artifact	comment
<i>Choromytilus chorus</i>	1,2 g	1	230	fragment
<i>Mesodesma donacium</i>	1,7 g	1		fragment

**Feature 4088**      **filling layer**

Unit: 5    excavated in 2008    Group: St\_08\_dw

Period: archaic; Phase: 4

Description: Feature 4088 was a filling layer in a large pit (formed by Feature 4090 in Unit 5 and Feature 4272G in Unit 17) and thus located in the east of Unit 5. It was of semicircular shape, orientated from north to south and covering nearly the entire large pit. It was filling the entire pit and was inclined from west to east. It was 199 cm long and 151 cm wide. The depth in the west was 100 cm and in the east 40 cm. The filling material consisted of semi-compact to loose soil of light grey-yellowish color, mixed with abundant gravel and some charcoal.

Comments: Features 4272D, 4272E and 4272F were located in the eastern part of a large pit (Features 4090 and 4272G). They correspond with Feature 4088 in the western part located in Unit 5 of the same pit. As the surface was clearly formed by the same material, the uppermost filling layers (Feature 4088 in the west and Feature 4272D in the east) were assigned as forming one feature in the stratigraphy.

Stratigraphic position: above: 4089; 9950; 9951; 9952; below: 4030; forms one with: 4272D

Location (closest features): north: 4279D; east: 4283; south: 4038; west: 4039

On figure(s): 33d-g

Associated artifacts

Number	category	subdivision
94	handstone	handstone (big)
95	handstone	handstone (extreme)
96	cutting tool	cutting tool
97	handstone	(extreme)-squashing stone
98	percussor	retouch tool
99	percussor	retouch tool
100	handstone; big, squashing stone, palette	

Associated radiocarbon samples

Sample	material	size (mg)	radiocarbon age (BP)	±	delta13 ‰
Hd-28774	charcoal	21,8	4469	26	-27,5

**Feature 4089**      **pit**

Unit: 5    excavated in 2008    Group: St\_08\_dw

Period: archaic; Phase: 4

Description: Feature 4089 was a pit in the west of the bottom of a large pit (Feature 4090) and thus located in the northeast of Unit 5. It was of irregular oval shape, orientated from northwest to southeast. the walls were inclined and the bottom was concave. It was 52 cm long, 34 cm wide and 22 cm deep. The filling material consisted of semi-compact to loose, granular soil of dark beige-brown color, mixed with sparse remains of charcoal and some gravel.

Stratigraphic position: above: 4090; below: 4088

Location (closest features): north: 4090; east: 4090; south: 9952; west: 4090

On figure(s): 33d-g; 35a-b

**Feature 4090**      **pit**

Unit: 5    excavated in 2008    Group: St\_08\_dw

Period: archaic; Phase: 4

Description: Feature 4090 was the western part of a large pit in the west of Unit 5. The eastern part of the large pit (Feature 4272G) was located in the west of Unit 17 and excavated in 2009. Thus the Features 4090 and 4272G formed a large pit. Feature 4090 was of semicircular shape, orientated from north to south. The walls were steep and the bottom was plane. The edge of the pit was damaged in the southwest by the pit of Burial 30 (Feature 4048). It was 207 cm long and 154 cm wide. The due to the inclination of the natural surface in this area the depth of the pit varied between 100 cm in the west and 40 cm in the east.

Comments: Feature 4090 was excavated in 2008 in the east of Unit 5, whereas Feature 4272G was excavated in 2009 in the west of Unit 17. Both features together form a large pit. This large pit was of irregular oval shape, orientated from west to east. It was 226 cm long and 207 cm wide. The depth varied due to the inclination of the natural surface from west to east. It was 100 cm in the west and 23 cm in the east. The walls of the large pit were steep and the bottom was plane.

Stratigraphic position: above: NaSuU5; below: 4089; 9950; 9951; 9952; forms one with: 4272G

Location (closest features): north: 4279D; east: 4283; south: 4038; west: 4039

On figure(s): 33d-g; 35a-b

**Feature 4098      occupation debris**

Unit: 5    excavated in 2008

Period: ceramic; Phase: ceramic

Description: occupation debris of the ceramic occupation; located in the southeast of Unit 5 (campaign of 2008); irregular distributed; consists of semi-compact to loose, granular soil of dark beige-brown color; mixed with some small and middle-sized stones

Comments: no ceramics were found in the feature, but it forms one feature with Feature 4271D in Unit 17, excavated in 2009, that connects east with the feature; thus it was assigned to the ceramic occupation

Stratigraphic position: above: 4099-1; 9922; 9923; below: 4048; forms one with: 4271D

**Feature 4099-1    filling layer**

Unit: 5    excavated in 2008 Group: St\_09\_bu

Period: archaic; Phase: 2

Description: Feature 4099-1 was a filling layer in the western part of a large pit (formed Feature 4101 in Unit 5 and Feature 4271H in Unit 17) and thus located in the southeast of Unit 5. It covered nearly the entire western part of the large pit, but in the center it was covered with a large fireplace (Feature 4271Ea). It was of irregular shape. It was 221 cm long from north to south and 178 cm wide from west to east (including the central fireplace). It was 25 cm deep in the west and 19 cm deep in the east. The material consisted semi-compact to loose, middle-fine soil of dark beige-brown and in parts beige greyish-yellowish color, mixed with some areas of sandy soil of beige-greyish-yellowish color.

Comments: Feature 4099-1 was described within the original documentation of Feature 4099, that consisted of two levels. Feature 4099-1 corresponds to the first level, whereas Feature 4099-2 corresponds to the second level. All artifacts, faunal and botanical remains were assigned to Feature 4099-1 that was more massive. Feature 4271E and Feature 4099-1 formed stratigraphically one feature. Feature 4271E was excavated in Unit 17 in 2009 and formed one feature with Feature 4099-1 that was excavated in Unit 5 in 2008.

Stratigraphic position: above: 4100; below: 4098; forms one with: 4271E

Location (closest features): south: 9858; west: 4042

On figure(s): 36a-d

Associated artifacts

Number	category	subdivision
71	handstone	handstone (big)
72	ground stone	(small)-percussor
73	cobble	cobble
74	cobble	cooking stone
75	flake	flake
76	percussor	retouch tool
77	handstone	handstone (very small)

78	cutting tool	cutting tool notched
79	handstone	(medium)-pestle
80	ground stone	ground stone (small)
81	handstone	handstone (very big)

Associated vertebratae remains  
 aves: indeterminate; 1 scapula  
 mammalia: caviidae: cf. *Cavia* sp.; 1 maxilla fragment  
 ND: indeterminate; 1 flat bone, 2 long bones

**Feature 4099-2 filling layer**

Unit: 5 excavated in 2008 Group: St\_09\_dw

Period: archaic; Phase: 1

Description: Feature 4099-2 was a filling layer in a large pit (Feature 4101 in Unit 5 and Feature 4271H in Unit 17) and thus located in the southeast of Unit 5. It was located in the entire western part of the large pit, but was damaged in the northwest by an intrusive feature from the ceramic occupation and the burial pit of Burial 34 (Feature 4100). It was thus of irregular semicircular shape orientated from north to south. It was 203 cm long and 178 cm wide. The depth varied between 3 cm in the west and 8 cm in the east. The material consisted of clumpy soil of dark beige to brown-orange color, mixed with abundant charcoal remains, ashes, small stones and some big stones. Stratigraphically equal in the eastern part of the pit and thus forming one feature with Feature 4099-2 was Feature 4271F.

Comments: Feature 4099-2 was described within the original documentation of Feature 4099, that consisted of two levels. Feature 4099-1 corresponds to the first level, whereas Feature 4099-2 corresponds to the second level. All artifacts, faunal and botanical remains were assigned to Feature 4099-1 that was more massive. Feature 4271F and Feature 4099-2 formed stratigraphically one feature. Feature 4271F was excavated in Unit 17 in 2009 and formed one feature with Feature 4099-2 that was excavated in Unit 5 in 2008.

Stratigraphic position: above: 4101; below: 4100; forms one with: 4271G

Location (closest features): east: 4269; south: 4437-2; west: 4043

On figure(s): 36a-d

Associated radiocarbon samples

Sample	material	size (mg)	radiocarbon age (BP)	±	delta13 ‰
Hd-28590	charcoal	13,7	4661	19	-28

**Feature 4100 burial**

Burial: 34 Unit: 5 excavated in 2008 Group: St\_09\_bu

Period: archaic; Phase: 2

Description: Burial 34 is a single, primary burial. It is located in the center of a large pit (Feature 4101 in Unit 5/Feature 4271H in Unit 17). Thus it is located in the southeast of Unit 5. The burial was deposited in a pit that was partly covered with big stones. The burial pit had an irregular oval, slightly bent shape and is orientated from north to south. It is 128 cm long, 64 cm wide and about 15 cm deep. The walls of the pit were relatively steep and the bottom relatively plane. The burial pit was covered with one big stone in the southern part and one big stone in the northern part. The northern stone was located directly south of the position of the cranium of the individual, whereas the southern stone was located above the pelvis. The burial pit was filled with loose soil of dark brown-orange color, mixed with some small stones, some lenses of sandy yellowish soil and few charcoal remains. Some sections of the filling material had a slightly higher humidity. One andesite flake, one handstone and one fragment of a small ground stone were found in front of the position of the pelvis within the filling material. Below the filling material the individual was located in the center of the bottom of the pit. The remains of a necklace in the form of 88 oval shell beads (made of *Fissurella* sp.), 13 discoidal beads and big 2 shell pendants were located below the position of the neck on the bottom of the pit. The very poorly preserved remains of a plant fiber textile were located below the upper part of the body, which probably represent the remains of a wrapping mat. One big stone formed a part of the burial pit in the south.

Comments: Due to the humidity probably the typical organic remains in the form of a wrapping mat were not preserved.

Stratigraphic position: above: 4099-2; below: 4099-1

Location (closest features): north: 4088; east: 4271H; south: 4101; west: 4101

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On figure(s): 36a-d; 45; 48g; 50d

Anthropological information

Individual: 34 age class: adult est. age: 20 years sex: male

Description of skeleton: The skeleton was well preserved. It was located on the bottom of the center of the burial pit.

The individual was deposited in a prone, left flexed position. The head was located in the northwest. Thus the individual had a slightly different orientation than the burial pit. The direction of view was downwards, but the head was slightly bent towards the right body side. The left arm was lateral extended with the hand located close and next to the pelvis. The right arm was located lateral, but slightly flexed with the hand under the pelvis. Both legs were parallel and flexed. The knees were located below the line of the pelvis and pointing towards the southwest. The lower legs were extremely flexed build a parallel line towards the line of the pelvis.

Associated Strontium isotope sample

Sr87/Sr86	sigma-2	weight	material
1505	0,70639	0,0029	30 dental enamel

Associated artifacts

Number	category	subdivision
38	flake	flake
39	handstone	(very small) circular
40	ground stone	(small)-percussor
232	pendant	snail shell pendant
233	pendant	snail shell pendant
234	necklace	large necklace
1550	twined	nd

Associated radiocarbon samples

Sample	material	size (mg)	radiocarbon age (BP)	±	delta13 ‰
Hd-28784	charcoal	11,8	4522	30	-25,3

Associated invertebratae remains

Species	weight	MNI	artifact	comment
<i>Fissurella</i> sp.	11,8 g	88	234	
<i>Scurria</i> sp.	2,3 g	2	232-233	

**Feature 4101 pit**

Unit: 5 excavated in 2008 Group: St\_09\_dw

Period: archaic; Phase: 1

Description: Feature 4101 was the western part of a large pit, located in the southeast of Unit 5. It formed one large pit with Feature 4271H in Unit 17. It was encarved into the natural surface. It was of semicircular shape, orientated from north to south. The walls were steep and the bottom was plane. The edge of the large pit was damaged in the northwest by an intrusive pit from the ceramic occupation. It was 248 cm long and 196 cm wide. The depth varied due to the inclination of the natural surface in this area between 70 cm in the west and 50 cm in the east. It was filled with material from different filling layers (Features 4099-1 and 4099-2,) and contained Burial 34 (Feature 4100). On the top it was filled with material of the ceramic occupation (Feature 4089).

Comments: Feature 4101 was excavated in 2008 in the southeast of Unit 5, whereas Feature 4271H was excavated in 2009 in the southwest of Unit 17. Both features together form a large pit. This large pit was of irregular oval shape, orientated from west to east. It was 253 cm long and 196 cm wide. The depth varied due to the inclination of the natural surface from west to east. It was 70 cm in the west and 23 cm in the east. The walls of the large pit were steep and the bottom was plane. The wall in the east of the large pit (Feature 4271H) was stone-faced with flat stones that were irregular wall-like arranged and build a dry wall.

Stratigraphic position: above: NaSuU5; below: 4099-2; forms one with: 4271H

Location (closest features): east: 4269; south: 4437-2; west: 4043

On figure(s): 36a-d; 35c-d

**Feature 4252 modern surface**

Unit: 17 excavated in 2009

Period: modern; Phase: modern

Description: modern surface in Unit 17; excavated in 2009; located in the entire Unit 17; consists of loose, dusty sand of brown-light grey color; mixed with abundant small stones, huarango leaves, remains of twigs and animal excrements; in the northeastern part a concentration of middle-sized stones; in the eastern part the material is more compact and humid, due to the close modern irrigation channel

Comments: ceramic fragments of different periods were found already in this uppermost layer

Stratigraphic position: above: 4253; forms one with: 2968; 2974; 3101; 3140; 3216

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**Feature 4253      layer**

Unit: 17 excavated in 2009

Period: ceramic; Phase: ceramic

Description: layer of the ceramic occupation; located in the entire Unit 17; consists of semi-compact soil of middle brown color; mixed with abundant small stones; some patches of greyish and yellow soil within the material

Stratigraphic position: above: 4254; 4255; 4257; 4258; 4259; 4261; below: 4252; forms one with: 3997; 4051

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**Feature 4254      wall remain**

Unit: 17 excavated in 2009

Period: ceramic; Phase: ceramic

Description: wall remain in the south of Unit 17; consists of compact clay of greyish color; material mixed with small stones; was not removed; located in the southeast of Unit 17

Comments: the remain of the same wall as in Feature 4013

Stratigraphic position: below: 4253; forms one with: 4013

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**Feature 4255      layer**

Unit: 17 excavated in 2009

Period: ceramic; Phase: ceramic

Description: layer of the ceramic occupation; distributed in three patches in the west of Unit 17; the material consists of relatively fine, sandy, loose soil of middle brown color; mixed with abundant small stones; some areas were more humid than the rest

Stratigraphic position: above: 4256; below: 4253

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**Feature 4256      layer**

Unit: 17 excavated in 2009

Period: ceramic; Phase: ceramic

Description: layer of the ceramic occupation; located in the west of Unit 17; consists of compact, fine soil of grey-light beige color; mixed with abundant small stones; some zones with lighter material in the east and south

Stratigraphic position: above: 4262; 4263D; 4264; 4268; 4269; 4270; ; below: 4255; 4257; 4258; 4259; forms one with: 4030; 4053; 4303

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**Feature 4257      fireplace**

Unit: 17 excavated in 2009 Group: Group\_26

Period: ceramic; Phase: ceramic

Description: fireplace of the ceramic occupation; located in the center of Unit 17; the filling material consists of soil of very dark brown color; mixed with abundant charcoal and abundant small stones

Stratigraphic position: above: 4256; 4263D; below: 4253

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**Feature 4258      pit**

Unit: 17 excavated in 2009 Group: Group\_26

Period: ceramic; Phase: ceramic

Description: pit of the ceramic occupation; located in the center of Unit 17; the filling material consists of loose soil of grey-beige color

Stratigraphic position: above: 4256; 4263D; below: 4253

.....  
**Feature 4259 fireplace**

Unit: 17 excavated in 2009 Group: Group\_26

Period: ceramic; Phase: ceramic

Description: fireplace of the ceramic occupation; located in the center of Unit 17; the filling material consists of compact soil of dark brown color and is mixed very much with abundant charcoal remains

Stratigraphic position: above: 4256; below: 4253

.....  
**Feature 4261 fireplace**

Unit: 17 excavated in 2009

Period: ceramic; Phase: ceramic

Description: a fireplace of the ceramic occupation; located in the northeast of Unit 17; consists of loose, fine, sandy soil of brown-grey color; mixed with few stones and abundant charcoal remains

Comments: radiocarbon dated to the ceramic occupation

Stratigraphic position: above: NaSuU17; below: 4253

Associated radiocarbon samples

Sample	material	size (mg)	radiocarbon age (BP)	±	delta13 ‰
MAMS-13549	charcoal	10	2075	20	-25,3

.....  
**Feature 4262 pit**

Unit: 17 excavated in 2009

Period: archaic; Phase: 4

Description: Feature 4262 was a pit in the north of Unit 17. It was of oval shape, orientated from north to south. It was 23 cm long, 16 cm wide and 8 cm deep. The walls are inclined and the bottom was concave. The filling material consisted of fine, sandy soil of grey color.

Comments: The feature was assigned to the phase because of the close proximity of Feature 4263F to which it was probably related.

Stratigraphic position: above: NaSuU17; below: 4256

Location (closest features): west: 4263F

On figure(s): 36e-h; : Plan 1-4; Plan 5; Plan 6; Plan 7; Plan 8; Plan 9-11

.....  
**Feature 4263D filling layer**

Unit: 17 excavated in 2009 Group: St\_10\_bu

Period: archaic; Phase: 5

Description: Feature 4263D was the uppermost filling layer in a large pit (Feature 4283F) and thus located in the north of Unit 17. It was strongly inclined from west to east due to the inclination of the natural surface in this area. The material was covered in the part with some material of the natural surface. The filling layer was of irregular oval shape, orientated from north to south with a distinct embayment in the eastern part. It was 281 cm long and 228 cm wide. The depth varied very much due to the inclination. The material was 29 cm deep in the western part and leveled off towards the east. It was not covering the subsequent filling layers in the large pit (Feature 4263F) in the east. Due to the inclination it was probably removed by erosion in the eastern part. The material consisted of compact soil of brown-yellowish color, mixed with middle-sized stones and salty lenses and some lenses of ashes.

Interpretation: The covering with some material from the natural surface and the off-leveling of the filling layer towards the east indicates the strong erosion in this area.

Stratigraphic position: above: 4266; below: 4256; 4257; 4258

Location (closest features): north: 4278; south: 9985; west: 4264

On figure(s): 36e-h

.....  
**Feature 4263E filling layer**

Unit: 17 excavated in 2009 Group: St\_10\_dw

Period: archaic; Phase: 4

Description: Feature 4263E was a filling layer in the center of a large pit (Feature 4263F) and thus located in the north of Unit 17. It was of irregular oval shape, orientated from northeast to southwest. It was surrounded in the east, south and west by Feature 4263E2 that consisted of the same soil material without the plant remains. In the center of the surface Burial 41 (Feature 4266) was located. Thus the material of Feature 4263E was damaged there and guaged. The feature was 200 m long and 98 cm wide. The depth varied between 10 cm in the north and 8 cm in the south. The material consisted of soil of brown-grey color, mixed with abundant small plant remains, charcoal remains and few small stones.

Interpretation: Probably Feature 4263E represents the remains of the roof of a pit dwelling.

Stratigraphic position: above: 4285; 9986; 9989; 9992; 9993; 9994; 9995; below: 4266  
strat. equal to: 4263E2

Location (closest features): north: 9989; east: 4263E2; south: 4263E; west: 4263E2

On figure(s): 36e-h

Associated artifacts

Number	category	subdivision
1085	bead	oval shell bead
1086	bead	oval shell bead
1400	borer	borer
1469	ground stone	ground stone (medium)
1470	stone bowl	stone bowl

Associated radiocarbon samples

Sample	material	size (mg)	radiocarbon age (BP)	±	delta13 ‰
MAMS-13557	charcoal	5	4464	25	-25,2

Associated macrobotanical remains

taxon	topology	comp. rem.	fragment	total	weight (g)
Gynerium sagittatum	stem		4	4	5
MAGNOLIOPSIDA	stem		4	4	1

Associated invertebratae remains

Species	weight	MNI	artifact	comment
<i>Choromytilus chorus</i>	0,3 g	1		
<i>Fissurella</i> sp.	0,2 g	2	1085; 1086	

**Feature 4263E2 filling layer**

Unit: 17 excavated in 2009 Group: St\_10\_dw

Period: archaic; Phase: 4

Description: Feature 4263E2 was a filling layer in the south of a large pit (Feature 4263F) and thus located in the north of Unit 17. It was of irregular shape. The maximum length was 198 cm from west to east, the maximum width was 196 cm from north to south. The depth varied between 8 cm in the west and 4 cm in the east. The material consisted of soil of brown-grey color, mixed with charcoal remains and few small stones.

Comments: Feature 4263E2 was described within the original documentation of Feature 4263E. It refers to the area of Feature 4263E where no plant remains were located.

Stratigraphic position: above: 4285; 9987; 9995; below: 4266  
strat. equal to: 4263E

Location (closest features): north: 4263E; east: 4262; south: 4279D; west: 4277

On figure(s): 36e-h

**Feature 4263F pit**

Unit: 17 excavated in 2009 Group: St\_10\_dw

Period: archaic; Phase: 4

Description: Feature 4263F was a large pit in the north of Unit 17. It was of irregular oval shape, orientated from north to south. It was 281 cm long and 226 cm wide. It was located in an area with a strong inclination from west to east. Thus the depth of the pit varied from 55 cm in the southwest and 46 cm in the northwest to 4 cm in the east. Thus the pit had no walls in the east and the walls in the north and south were inclined. The remaining walls were steep and the bottom plane. The large pit was filled with several filling layers (Features 4263D, 4263E and 4263E2) and

contained Burial 41 (Feature 4266). On the bottom of the large pit some smaller pits were located.  
 Stratigraphic position: above: NaSuU17; below: 9987; 9988; 9989; 9990; 9991; 9992; 9993  
 Location (closest features): east: 4262; south: 4279D; west: 4277  
 On figure(s): 35e; 36e-h

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**Feature 4264 pit**

Unit: 17 and partly: 5 excavated in 2009 Group: Group\_27  
 Period: archaic; Phase: 5

Description: Feature 4264 was a pit in the northwest of Unit 17 and reaching partly into Unit 5. It was of irregular oval shape, orientated from northwest to southeast. It was 93 cm long, 56 cm wide and 40 cm deep. The walls are straight. The bottom is stepped. In the northwestern part a small platform was located in a depth of 25 cm and with a diameter of about 23 cm. Southeast of the platform the pit was deeper, reaching 40 cm. The bottom was on both levels plane. The filling material consisted of fine, sandy soil of brown-olive color, mixed with abundant small stones and few remains of charcoal.

Stratigraphic position: above: NaSuU17; below: 4256  
 Location (closest features): north: 9978; east: 4263D; south: 9980; west: 3992  
 On figure(s): : Plan 1-4; Plan 5; Plan 6; Plan 7; Plan 8; Plan 9-11

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**Feature 4265 levelling filling**

Unit: 17 and partly: 5 excavated in 2009  
 Period: ceramic; Phase: ceramic

Description: levelling filling of the ceramic occupation; located in the central part of Unit 17 until the west, reaching into Unit 5; the material consists of relatively compact, fine soil of dark grey color; it is mixed very much with abundant stones in different sizes reaching about 35cm in diameter; the material is as well mixed very much with ashes and charcoal

Comments: directly located above the uppermost filling (Feature 4279D) of a large pit (Feature 4316)  
 Interpretation: probably a levelling filling of the ceramic occupation to fill a depression on the spur edge and create a more or less plane surface in the east of the settlement  
 Stratigraphic position: above: 4279D; 4282; below: 4268; forms one with: 4273

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**Feature 4266 burial**

Burial: 41 Unit: 17 excavated in 2009 Group: St\_10\_bu  
 Period: archaic; Phase: 5

Description: Burial 41 was a single, primary burial. It was located in the center of a large pit (Feature 4263F). Thus it was located in the northern central part of Unit 17. The surface of Unit 17 in this area was inclined very much towards the east. Burial 41 was partly damaged by downward orientated erosion. A small patch in the southeast of Burial 41 that was located in the inclination was exposed in a zone of about 10 cm of diameter and detected below Feature 4253, while the rest of the burial was covered by material of Feature 4263D and encased into material of the Features 4263E and 4263E2. The burial was partly damaged by this erosion in the part of the cranium, that was partly exposed. The rest of the burial was intact. The burial was deposited in a pit that was covered with stones. The burial pit was orientated from southeast to northwest. It was 107 cm, 48 cm wide and 16 cm deep. The walls of the burial were slightly inclined and the bottom concave. On the surface of the filling material some big stones were located, forming an irregular plaster. In the southeastern part a medium-sized grinding stone was located as part of the covering plaster. It was situated above the position of the chest of the individual below. In the northwest, in the position above the feet, a spherical hand stone was located as part of the covering plaster. The other eight stones were natural and of different sizes, with the biggest one located in the central part. The filling material in the burial pit consisted of fine soil of brown color, mixed with charcoal remains and small stones. Below the stones the remains of a badly preserved mat of plant fibers were located and decayed by touching. Within the remains some charcoal remains were found. The mat was just preserved under the stones. Below the mat remains the skeleton was located. Some few bones of a guinea pig were located below the cranium. Below the individual some remains of the mat that was partly covering the individual on the top side were located. Some bird remains and not further determinable faunal remains as well as the remains of a bottle gourd, probably the remains of a vessel, were found within

the filling material.

Comments: The mat was probably wrapping the individual as remains of it were located above and below.

Stratigraphic position: above: 4263E; 4263E2; below: 4263D

Location (closest features): north: 9991; east: 9994; south: 4285; west: 9987

On figure(s): 36e-h; 45; 51e; 52d

Anthropological information

Individual: 41 age class: adult est. age: 30-40 years sex: male

Description of skeleton: The skeleton is badly preserved. The general preservation below the big stones is slightly better, but the bones are compressed there. The cranium was very badly preserved due to the exposure. The individual was deposited on the bottom of the burial pit. It was deposited in a right flexed position. The cranium was located in the southeast of the burial. The view direction was towards the northeast. The arms were flexed in front of the body with the left hand located on the mandible. The position of the right hand was not very clear. The legs were flexed towards the right side. The spine and the femurs in front of the body were nearly parallel with the knees slightly above the line of the pelvis. The lower legs were flexed and orientated towards the northwest.

Comment: Due to the anthropological determination the individual was masculine but very gracile.

Associated artifacts

Number	category	subdivision
965	twined	open simple twining
1456	ground stone	ground stone (medium)
1479	handstone	(unknown) spherical
1497	bottle gourd epicarp	bottle gourd vessel

Associated radiocarbon samples

Sample	material	size (mg)	radiocarbon age (BP)	±	delta13 ‰
MAMS-13552	charcoal	2	4681	24	-27,4
MAMS-13551	charcoal	2	4473	24	-27,9

Associated macrobotanical remains

taxon	topology	fragment	total	weight (g)	artifact
Lagenaria siceraria	fruit	4	4	1	1497

Associated vertebratae remains

aves: indeterminate; 6 fragments of long bone  
 mammalia: caviidae: Cavia sp.; 1 humerus fragment, 1 petrous portion part of inner ear

**Feature 4268 occupation layer**

Unit: 17 excavated in 2009

Period: ceramic; Phase: ceramic

Description: occupation layer of the ceramic occupation; located in the west of Unit 17; a large patch on top of Feature 4265; consists of compact, fine clayey material of light grey color; mixed with charcoal remains; in the south two larger stones

Stratigraphic position: above: 4265; below: 4256

**Feature 4269 pit**

Unit: 17 excavated in 2009 Group: Group\_29

Period: archaic; Phase: 1

Description: Feature 4269 was a pit in the south of Unit 17. It was of irregular circular shape, with a diameter of 76 cm. The surface of the pit was very inclined due to the inclination of the natural surface in the area. Thus the depth in the western part was 35 cm and in the eastern part still 5 cm. The remaining walls were inclined and the bottom concave. Thus the pit is open towards the east. The filling material consisted of soil of brown-grey color, mixed with abundant small stones and abundant charcoal.

Stratigraphic position: above: NaSuU17; below: 4256

Location (closest features): north: 4281; west: 4271H

On figure(s): : Plan 1-4; Plan 5; Plan 6; Plan 7; Plan 8; Plan 9-11

Associated radiocarbon samples

Sample	material	size (mg)	radiocarbon age (BP)	±	delta13 ‰
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MAMS-13550	charcoal	4	4617	24	-26,1
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**Feature 4270 pit**

Unit: 17 excavated in 2009 Group: Group\_27

Period: archaic; Phase: 5

Description: Feature 4270 was a pit in the south of Unit 17. It was of oval shape, orientated from northwest to southeast. It was 65 cm long and 44 cm wide. The surface was very inclined due to the inclination of the natural surface in this area. Thus the depth in the northwest was still 14 cm, whereas in the southeast 3 cm. Thus the pit is open to the southeast. The walls were inclined and the bottom concave. The filling material consisted of soil of brown-olive color, mixed with abundant small, fine plant remains and charcoal remains.

Stratigraphic position: above: NaSuU17; below: 4256

Location (closest features): north: 9984

On figure(s): : Plan 1-4; Plan 5; Plan 6; Plan 7; Plan 8; Plan 9-11

**Feature 4271D occupation debris**

Unit: 17 excavated in 2009

Period: ceramic; Phase: ceramic

Description: the uppermost layer found in a large pit (Feature 4271H), still of the ceramic occupation; located in the southwest of Unit 17; consists of loose, fine soil of grey-olive color; mixed with abundant small and middle sized stones; mixed with charcoal remains and ashes

Comments: connectable with Feature 4098 in Unit 5; thus Feature 4098 can be assigned as well to the ceramic occupation

Interpretation: probably the large pit Feature 4271D was not completely filled and formed a small depression during the ceramic occupation; refuse during the ceramic occupation or smaller erosion events lead to the deposition of sparse ceramic remains in this depression

Stratigraphic position: above: 4271Ea; below: 4256; forms one with: 4098

**Feature 4271E filling layer**

Unit: 17 excavated in 2009 Group: St\_09\_bu

Period: archaic; Phase: 2

Description: Feature 4271E was a filling layer in the northeastern part of a large pit (Feature 4101 in Unit 5 and Feature 4271H in Unit 17) and thus located in the west of Unit 17. It was of irregular shape, orientated from north to south. It was 146 cm long from north to south and 55 cm wide from east to west. It was 5 cm deep in the northern part and 13 cm deep in the southern part. The material consisted of compact, clayish soil of middle grey color, mixed with fine lenses of white, sandy soil and some charcoal.

Comments: Feature 4271E and Feature 4099-1 formed stratigraphically one feature. Feature 4271E was excavated in Unit 17 in 2009 and formed one feature with Feature 4099-1 that was excavated in Unit 5 in 2008.

Stratigraphic position: above: 4271F; below: 4271Ea; forms one with: 4099-1

Location (closest features): south: 4271E; west: 4100

On figure(s): 36a-d

**Feature 4271Ea fireplace**

Unit: 17 and partly: 5 excavated in 2009 Group: St\_09\_bu

Period: archaic; Phase: 2

Description: Feature 4271Ea was a fireplace within the southwest of a large pit (Feature 4101 in Unit 5 and Feature 4272H in Unit 17) and thus located in the southwest of Unit 17 and in the southeast of Unit 5. It was of irregular shape. The maximum length was 214 cm from northwest to southeast and the maximum width was 83 cm from northeast to southwest. The bottom was irregular. The feature was about 13 cm thick. The filling material consisted of loose, fine soil of dark brown color, mixed with small stones and abundant charcoal and fine plant remains.

Comments: The feature was partly excavated in 2008 in Unit 5 and partly excavated in 2009 in Unit 17. The plant remains were too fine to be determined.

Interpretation: Maybe the remains of a burned down roof of a dwelling.

Stratigraphic position: above: 4271E; below: 4271D  
 Location (closest features): north: 4271E; west: 4099-1  
 On figure(s): 36a-d

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**Feature 4271F     filling layer**

Unit: 17 excavated in 2009 Group: St\_09\_dw  
 Period: archaic; Phase: 1

Description: Feature 4271F was a filling layer in the east of a large pit (Feature 4171H in Unit 17 and Feature 4101 in Unit 5) and thus located in the southwest of Unit 17. It was of semicircular shape, orientated from north to south. It was 205 cm long and 59 cm wide. The depth varied between 15 cm in the northern part and 9 cm in the southern part. The filling material consisted of soil of brown-greyish color, mixed with few small stones and some charcoal remains.

Comments: Feature 4271F and Feature 4099-2 formed stratigraphically one feature. Feature 4271F was excavated in Unit 17 in 2009 and formed one feature with Feature 4099-2 that was excavated in Unit 5 in 2008.

Stratigraphic position: above: 4271G; below: 4271E  
 Location (closest features): east: 4269; south: 4437-2; west: 4043  
 On figure(s): 36a-d

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**Feature 4271G     filling layer**

Unit: 17 excavated in 2009 Group: St\_09\_dw  
 Period: archaic; Phase: 1

Description: Feature 4271G was a filling layer in the east of a large pit (Feature 4171H in Unit 17 and Feature 4101 in Unit 5) and thus located in the southwest of Unit 17. It was of semicircular shape, orientated from north to south. It was 205 cm long, 59 cm wide and 5 cm deep. The filling material consisted of sandy soil of brown-yellowish color, mixed with abundant small stones, plant remains and charcoal remains.

Stratigraphic position: above: 4271H; below: 4271F; forms one with: 4099-2  
 Location (closest features): east: 4269; south: 4437-2; west: 4043  
 On figure(s): 36a-d

Associated vertebratae remains  
 mammalia: caviidae: *Cavia* sp.; 1 fragment of left maxilla

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**Feature 4271H     pit**

Unit: 17 excavated in 2009 Group: St\_09\_dw  
 Period: archaic; Phase: 1

Description: Feature 4271H was the eastern part of a large pit, located in the southwest of Unit 17. It formed one large pit with Feature 4101 in Unit 5. It was encraved into the natural surface. It was of semicircular shape, orientated from north to south. The walls were steep and the bottom was plane. It was 205 cm long and 59 cm wide. The depth varied due to the inclination of the natural surface in this area between 45 cm in the west and 40 cm in the east. It was filled with material from different filling layers (Features 4271E, 4271F and 4271G). The uppermost part was filled with material from the ceramic occupation (Feature 4271D). The east of the wall was stone-faced. Nine large and flat natural rubble stones were still located in erected positions on the wall. One stone was collapsed and located on the bottom of the pit in front of the wall. The stones were closely arranged but not connected with any kind of mortar and formed thus a dry wall on the east of the pit wall. Three stones were covering the stone wall in the center and were deposited on top of the stones. Thus the wall forming stones were just forming one single line.

Comments: Feature 4101 was excavated in 2008 in the southeast of Unit 5, whereas Feature 4271H was excavated in 2009 in the southwest of Unit 17. Both features together form a large pit. This large pit was of irregular oval shape, orientated from west to east. It was 253 cm long and 196 cm wide. The depth varied due to the inclination of the natural surface from west to east. It was 70 cm in the west and 40 cm in the east. The walls of the large pit were steep and the bottom was plane. The wall in the east of the large pit (Feature 4271H) was stone-faced with flat stones that were irregular wall-like arranged and build a dry wall.

Interpretation: The remains of the ceramic occupation in the uppermost filling part of the large pit indicates, that the pit was partly open in the form of a depression during the ceramic occupation. The stone-faced wall was located in the east. The natural slope is orientated to this direction. Therefore the stone-faced wall can be interpreted as having

served originally to strengthen the pit wall against the inclination and thus erosive processes like use of the pit as a dwelling.

Stratigraphic position: above: NaSuU17; below: 4271G; forms one with: 4101

Location (closest features): east: 4269; south: 4437-2; west: 4043

On figure(s): 36a-d

**Feature 4272D filling layer**

Unit: 17 excavated in 2009 Group: St\_08\_dw

Period: archaic; Phase: 4

Description: Feature 4272D was a filling layer in the eastern part of large pit (formed by Feature 4272G in Unit 17 and 4090 in Unit 5) and was thus located in the west of Unit 17. It covered the entire east of the large pit. It was of semi-circular shape, orientated from north to south. It was 196 cm long and 72 cm wide. The depth varied from 10 cm in the west to 2 cm in the east. The material consisted of loose, sandy, soil of grey color, mixed with abundant very small stones and charcoal remains.

Comments: Features 4272D, 4272E and 4272F were located in the eastern part of a large pit (Features 4090 and 4272G). They correspond with Feature 4088 in the western part located in Unit 5 of the same pit. As the surface was clearly formed by the same material, the uppermost filling layers (Feature 4088 in the west and Feature 4272D in the east) were assigned as forming one feature in the stratigraphy).

Stratigraphic position: above: 4272E; below: 4256; forms one with: 4088

Location (closest features): north: 4279D; east: 4283; south: 4038; west: 4039

On figure(s): 33d-g

**Feature 4272E filling layer**

Unit: 17 excavated in 2009 Group: St\_08\_dw

Period: archaic; Phase: 4

Description: Feature 4272E was a filling layer in the eastern part of large pit (formed by Feature 4272G in Unit 17 and 4090 in Unit 5) and was thus located in the west of Unit 17. It covered the entire east of the large pit. It was of semi-circular shape, orientated from north to south. It was 196 cm long and 72 cm wide. The depth varied between 6 cm in the south and 4 cm in the north. The material consisted of semi-compact, sandy soil of grey-beige color, mixed with abundant small stones and charcoal remains.

Comments: Features 4272D, 4272E and 4272F were located in the eastern part of a large pit (Features 4090 and 4272G). They correspond with Feature 4088 in the western part located in Unit 5 of the same pit. As the surface was clearly formed by the same material, the uppermost filling layers (Feature 4088 in the west and Feature 4272D in the east) were assigned as forming one feature in the stratigraphy).

Stratigraphic position: above: 4272F; below: 4272D

Location (closest features): north: 4279D; east: 4283; south: 4038; west: 4039

On figure(s): 33d-g

Associated radiocarbon samples

Sample	material	size (mg)	radiocarbon age (BP)	±	delta13 ‰
MAMS-13556	charcoal	3	4518	25	-26,8

**Feature 4272F filling layer**

Unit: 17 excavated in 2009 Group: St\_08\_dw

Period: archaic; Phase: 4

Description: Feature 4272F was a filling layer in the eastern part of large pit (formed by Features 4272G in Unit 17 and 4090 in Unit 5) and was thus located in the west of Unit 17. It covered the entire east of the large pit. It was of semi-circular shape, orientated from north to south. It was 196 cm long, 72 cm wide and 5 cm deep. The filling material consisted of semi-compact soil of grey-yellowish color, mixed with small stones. In the northern part the material was loose and sandy.

Comments: Features 4272D, 4272E and 4272F were located in the eastern part of a large pit (Features 4090 and 4272G). They correspond with Feature 4088 in the western part located in Unit 5 of the same pit. As the surface was clearly formed by the same material, the uppermost filling layers (Feature 4088 in the west and Feature 4272D in the east)

were assigned as forming one feature in the stratigraphy).

Stratigraphic position: above: 4272G; below: 4272E

Location (closest features): north: 4279D; east: 4283; south: 4038; west: 4039

On figure(s): 33d-g

**Feature 4272G pit**

Unit: 17 excavated in 2009 Group: St\_08\_dw

Period: archaic; Phase: 4

Description: Feature 4272G was the eastern part of a large pit, located in the west of Unit 17. It formed one large pit with Feature 4090. It was encarved into the natural surface. It was of semicircular shape, orientated from north to south. The walls were steep and the bottom was plane. It was 196 cm long and 72 cm wide. The depth varied between 40 and 23 cm. It was filled with material from different filling layers (Features 4272D, 4272E and 4272F).

Comments: Feature 4090 was excavated in 2008 in the east of Unit 5, whereas Feature 4272G was excavated in 2009 in the west of Unit 17. Both features together form a large pit. This large pit was of irregular oval shape, orientated from west to east. It was 226 cm long and 207 cm wide. The depth varied due to the inclination of the natural surface from west to east. It was 100 cm in the west and 23 cm in the east. The walls of the large pit were steep and the bottom was plane.

Stratigraphic position: above: NaSuU17; below: 4272F; forms one with: 4090

Location (closest features): north: 4272D; east: 4283; south: 4038; west: 4039

On figure(s): 33d-g; 35a-b

**Feature 4273 disturbed burial**

Burial: 44 Unit: 17 excavated in 2009

Period: ceramic; Phase: ceramic

Description: Burial 44; a damaged burial; located in the center of Unit 17; consists of few human bones mixed with the material of Feature 4265; has no pit or construction

Interpretation: probably human bones from a destroyed burial that were deposited with the filling material of Feature 4265

Stratigraphic position: forms one with: 4265

**Feature 4274 pit**

Unit: 17 excavated in 2009 Group: Group\_28

Period: archaic; Phase: 2

Description: Feature 4274 was a pit in the northwest of Unit 17. It was of regular oval shape, orientated from north to south. It was 55 cm long, 31 cm wide and about 16 cm deep. The surface was slightly inclined towards the east due to the inclination of the natural surface in this area. The walls were inclined and the bottom concave. The filling material consisted of fine, sandy soil of brown-grey color, mixed with few charcoal.

Stratigraphic position: above: NaSuU17; below: 4256

Location (closest features): east: 4275; south: 4100; west: 3990

On figure(s): : Plan 1-4; Plan 5; Plan 6; Plan 7; Plan 8; Plan 9-11

Associated radiocarbon samples

Sample	material	size (mg)	radiocarbon age (BP)	±	delta13 ‰
MAMS-13553	charcoal	3	4584	25	-27,3

**Feature 4275 post hole**

Unit: 17 excavated in 2009 Group: Group\_28

Period: archaic; Phase: 2

Description: Feature 4275 was a pit in the northwest of Unit 17. It was of irregular circular shape, with a diameter of 30 cm and a depth of 13 cm. The walls are vertical and the bottom concave. The filling material consisted of fine, sandy soil of grey-olive color, mixed with small stones.

Comments: The pit was assigned to the phase because of the close proximity of Feature 4274. The assignment is nevertheless not absolutely clear.

Stratigraphic position: above: NaSuU17; below: 4256  
 Location (closest features): south: 4271H; west: 4274  
 On figure(s): : Plan 1-4; Plan 5; Plan 6; Plan 7; Plan 8; Plan 9-11

**Feature 4276      cotton concentration**

Unit: 17 excavated in 2009  
 Period: ceramic; Phase: ceramic  
 Description: a concentration of cotton of the ceramic occupation; located in the central northern part of Unit 17; consists of four middle-sized stones under which unprocessed cotton bolls were deposited  
 Comments: found on the bottom of Feature 4256, directly above the natural surface  
 Interpretation: probably originally deposited in a small pit that was not distinguishable from the material of Feature 4256 and that was impacted by some erosion that removed the small pit  
 Stratigraphic position: above: NaSuU17; below: 4256

**Feature 4277      burial**

Burial: 45                  Unit: 17 excavated in 2009  
 Period: archaic; Phase: 4  
 Description: Burial 45 is a single, primary burial. It is located in the north-western part of Unit 17. It was deposited into the natural surface and is located close to a large pit (Feature 4263F). The burial was deposited in a burial. The burial pit was of irregular oval shape and orientated from northwest to southeast. It was 80 cm long, 55 cm wide and 40 cm deep. The walls were relatively steep and the bottom concave. The burial pit was not encaved straight into the surface but slightly oblique towards the west. The filling material consisted of fine soil of grey color, mixed with small stones and charcoal remains. In a depth of about 38 cm., located in the south of the burial and thus above the position of the feet four middle-sized natural stones were found. Below the stones and within the entire area of the burial pit a layer consisting of irregularly distributed small wooden sticks in sizes around 12 cm length and 2 cm thickness were located. Those were badly preserved. Below the wooden cover the remains of a mat made of plant fibers were located. It covered the entire individual despite the top of the cranium. The mat was clearly turned around the individual in the position of the feet and the position of the head towards the bottom side. A knot made in a coarse rope was located outside the wrapping mat in the position of the nape of the individual. The preservation of the mat was very poor and it decayed by touching. Below the mat remains the skeleton was located. Remains of a finer, meshed textile made of plant fibers was detected in the area of the legs and the pelvis of the individual. It was badly preserved and decayed by touching. Below the individual the remains of the same mat that was covering it were located. Under the mat about 2 cm of filling material were located above the natural surface. In the west of the bottom of the burial pit a big natural stone was located, that was part of the natural surface reaching into the burial pit. A spherical hammerstone was located in the east of the pit and a small ground stone in the northeast of the pit, both outside the wrapping mat. The fragment of an *Argopecten purpuratus* shell was located east of the individual, just outside the wrapping mat. The remains of a bottle gourd, probably of a vessel, and some other plant remains were found in the filling material.

Stratigraphic position: above: NaSuU17; below: 4256  
 Location (closest features): east: 4263F; south: 4275; west: 4272  
 On figure(s): 45; 51g; 52f; : Plan 1-4; Plan 5; Plan 6; Plan 7; Plan 8; Plan 9-11

Anthropological information

Individual: 45      age class: infans 1      est. age: 4-5 years      sex:      indeterminate

Description of skeleton: The skeleton was relatively good preserved. It was located on the bottom of the burial pit on a layer of about 2 cm of filling material. The individual was deposited in a right flexed position. The cranium was located in the northwest and slightly bent towards the chest. Thus the direction of view is to the southwest. The position of the arms was not very clear. They were flexed in front of the chest and the hand probably located below the mandibula. The legs were extremely flexed. The knees were located in front of the chest. The elbows and knees were located close together. The lower legs were extremely flexed and parallel towards the femurs. The feet were in contact to the pelvis. The big natural stone was located between the head and the legs in front of the body. Thus the view was blocked by the stone.

Associated artifacts

Number	category	subdivision
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963	looped	simple looping wide
1414	percussor	hammerstone spherical
1415	ground stone	(small)-percussor
1503	bottle gourd epicarp	bottle gourd vessel
1532	twined	open simple twining
1533	cord	simple cord

Associated radiocarbon samples

Sample	material	size (mg)	radiocarbon age (BP)	±	delta13 ‰
MAMS-13554	charcoal	5	4459	25	-26,7

Associated macrobotanical remains

taxon	topology	comp. rem.	fragment	weight (g)	artifact
Lagenaria siceraria	fruit	1		0,5	1503
cf. Acacia	stem	2		0,5	
LILIOPSIDA	leaf	1		1	
MAGNOLIOPSIDA	stem		7	1	

Associated invertebratae remains

Species	weight	MNI	artifact	comment
<i>Argopecten purpuratus</i>	0 g	1		

**Feature 4278 pit**

Unit: 17 excavated in 2009 Group: Group\_27

Period: archaic; Phase: 5

Description: Feature 4278 was a pit in the north of Unit 17. It was of irregular oval shape, orientated from west to east. It was 37 cm long and 32 cm wide and about 12 cm deep. The walls were vertical and the bottom plane. The filling material consisted of granular soil of brown color, mixed with few charcoal remains.

Stratigraphic position: above: NaSuU17; below: 4256

Location (closest features): south: 4263D; west: 9977

On figure(s): : Plan 1-4; Plan 5; Plan 6; Plan 7; Plan 8; Plan 9-11

**Feature 4279D filling layer**

Unit: 17 excavated in 2009

Period: ceramic; Phase: ceramic

Description: uppermost filling layer in a large pit (Feature 4316); consisted of compact soil of grey color, mixed with big and middle-sized stones, charcoal remains and ashes

Interpretation: The uppermost filling layer of structure 11 indicates that structure 11 still formed a depression during the ceramic occupation during which the uppermost part was filled.

Stratigraphic position: above: 4280; 4283; 9996; below: 4265; forms one with: 4284

**Feature 4279E filling layer**

Unit: 17 and partly: 5 excavated in 2009 Group: St\_11\_bu

Period: archaic; Phase: 4

Description: Feature 4279E was a filling layer within a large pit (Feature 4316) and thus located on the central western edge of Unit 17 reaching into the east of Unit 5. It was located within the entire large pit. It was of irregular circular shape, with a diameter of 235 cm. It was inclined from west to east. The depth varied between 40 cm in the west and 30 cm in the east. The filling material consisted of soil of dark brown color, mixed with charcoal, ashes and small stones. Two burials were intrusive into the surface of the filling layer (Burial 47 (Feature 4280) and Burial 48 (Feature 4283)).

Stratigraphic position: above: 4313; below: 4280; 4283

Location (closest features): south: 9853; west: 4087

On figure(s): 37a-c

Associated artifacts

Number	category	subdivision
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FEATURES OF PERNIL ALTO

1176	color remain	raddle remain
1409	flake	flake
1410	flake	flake
1461	pestle	pestle
1462	percussor	retouch tool
1463	cutting tool	cutting tool
1464	handstone	handstone (medium)
1465	ground stone	ground stone (big)

Associated radiocarbon samples

Sample	material	size (mg)	radiocarbon age (BP)	±	delta13 ‰
MAMS-13558	charcoal	5	4546	24	-29,9

Associated vertebratae remains

aves: indeterminate; 2 fragmented phalanges (proximal epiphysis and part of diaphysis (big bird), 2 phalanges, 1 burned distal epiphysis of phalanx, 2 distal epiphysis of phalanx, 2 phalanx diaphysis  
mammalia: rodentia; 1 proximal epiphysis of femur, 1 diaphysis of long bone  
mammalia: caviidae; proximal epiphysis and parts of diaphysis of 1 femur  
mammalia: caviidae; 1 left femur, 1 right femur, 7 incisive bone fragments, 2 fragmented incisors, 1 mandible ramus fragment, 1 mandible ramus, 1 tibia (distal epiphysis missing)

Associated invertebratae remains

Species	weight	MNI	artifact	comment
<i>Choromytilus chorus</i>	9,6 g	1		
<i>Mesodesma donacium</i>	0,5 g	1		

**Feature 4280 burial**

Burial: 47 Unit: 17 excavated in 2009 Group: St\_11\_bu

Period: archaic; Phase: 4

Description: Burial 47 was a single, primary burial. It was located in the east of a large pit (Feature 4316). and thus in the center of Unit 17. The burial was deposited in a pit that was covered in some parts with big stones. The burial pit was of irregular oval to kidney shape and orientated from north to south, but in general not very well pronounced. It was 113 cm long, 54 cm long and 25 cm deep. The walls were inclined and the bottom concave. In the surface of the burial pit filling two big and one middle-sized stone were located. A big stone was located in the center of the northern part, above the position of the cranium and parts of the upper body. The other big stone was located in the southern central part above the position of the femurs. On the edges of the stones some small bone parts were visible after the exposure of the surface of the burial pit. The other parts of the burial pit were filled with brown soil, mixed with stones and charcoal remains. The parts of the burial pit that were not covered with the big stones were damaged partly by some erosion or humidity. Below the stones some remains of plant fibers were detected. The individual was located in the center of the bottom of the burial pit and covered by the stones and the filling material.

Comments: Probably the individual was mat wrapped as indicated by the plant fiber remains below the stones. The preservation in the zones that were not covered with the big stones was very bad.

Stratigraphic position: above: 4279E; below: 4279D

Location (closest features): north: 4318; south: 4316; west: 4318

On figure(s): 37a-c; 45; 53b; 54b

Anthropological information

Individual: 47 age class: adult est. age: 20-25 years sex: female

Description of skeleton: The skeleton of the individual was partly good and partly very badly preserved. The well preserved parts were located under the big stones but compressed by the weight of the stones, whereas the parts below not covered by stones were very badly preserved. The individual was deposited on the bottom of the burial pit in a left flexed position. The cranium was located in the north and slightly turned downwards. The view direction was towards the east. The upper parts of the body (scapulas, clavicles, upper vertebrae and upper ribs, upper parts of the humerus) were preserved. The parts of the body between the upper body and the femurs and tibias were very badly preserved. Thus the exact location of the arms could just be reconstructed by the position of the hands. Those were located extended in front of the face. Thus the arms were flexed in front of the body. The femurs were flexed and the knees were located below the line of the pelvis. The lower legs were extremely flexed and parallel towards the femurs. The feet are not preserved, but were probably located close to the pelvis. The individual is - as outlined

before - very badly preserved in its central part. The pelvis is just preserved fragmentary.

Associated artifacts

Number	category	subdivision
1552	plant fibers	plant fibers

Associated radiocarbon samples

Sample	material	size (mg)	radiocarbon age (BP)	±	delta13 ‰
MAMS-13555	charcoal	4	4521	23	-27,2

**Feature 4281 pit**

Unit: 17 excavated in 2009 Group: Group\_29

Period: archaic; Phase: 1

Description: Feature 4281 was a pit in the south of Unit 17. It was of oval shape, orientated from north to south. It was 63 cm long and 52 cm wide. The surface of the pit was inclined to the west due to the inclination of the natural surface in this area. The remaining walls were inclined on the bottom convex. The depth in the west was still 25 cm. The filling material consisted of fine soil of beige color with few small stones.

Comments: The pit was assigned to the phase because of the close proximity of Feature 4269. The assignment is nevertheless not absolutely clear.

Stratigraphic position: above: NaSuU17; below: 4256

Location (closest features): south: 4269; west: 4043

On figure(s): : Plan 1-4; Plan 5; Plan 6; Plan 7; Plan 8; Plan 9-11

**Feature 4282 pit**

Unit: 17 excavated in 2009

Period: ceramic; Phase: ceramic

Description: a pit of the ceramic occupation; located in the east of Unit 17; is open towards the east (due to the inclination); the filling material consists of compact soil of dark brown color; mixed with abundant gravel and charcoal

Stratigraphic position: above: NaSuU17; below: 4265

**Feature 4283 burial**

Burial: 48 Unit: 17 excavated in 2009 Group: St\_11\_bu

Period: archaic; Phase: 4

Description: Burial 48 was a single, primary burial. It was located in the south of a large pit (Feature 4316) and thus in the central western part of Unit 17. It was detected in the surface of the uppermost filling layer of the large pit (Feature 4279E). Parts of the cranium and parts of the knees were exposed with the exposure of the surface Feature 4279E. No clear burial pit was detected, but the individual was surrounded by remains of plant fibers. Those were located in an irregular oval shaped area, orientated from southeast to northwest. This was 88 cm long and 37 cm wide. The remains of plant fibers were found within this area until a depth of about 20 cm. Within it the individual was located. The individual was covered by the same filling material as in the surrounding Feature 4279 E. This was fine, sandy soil of brown-grey color, mixed with small stones, ashes, some charcoal and salt concretions. Five discoidal shell beads were located in an arranged way on the right side of the mandible in front of the neck. Together with those a bone pendant was found. Those formed the remains of a necklace. One further circular shell bead was located on the pelvis. Some fragments of a shell (*Protothaca thaca*) were located below the mandible and the remains of a freshwater shrimp was located below the cranium. A remain of a sea urchin was located on top of the right femur and some small bone remains of a rodent were located central on top of the torax.

Comments: The plant fiber remains probably represent the remains of a wrapping mat as they were found all around the individual.

Interpretation: The burial pit was not distinguishable from the surrounding material of Feature 4279E. But as Burial 48 was located within the surface of Feature 4279E and surrounded by plant fiber remains, that were probably the remains of a mat, it can be assumed that the distribution of the plant fibers marks the shape of the original burial pit.

Stratigraphic position: above: 4279E; below: 4279D

Location (closest features): north: 4318; east: 4316; south: 4316; west: 4316

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On figure(s): 37a-c; 45; 53c; 54c

Anthropological information

Individual: 48 age class: juvenile/adult est. age: 15-20 years sex: female

Description of skeleton: The skeleton of the individual was well preserved. Some parts of the individual were exposed into the surface of Feature 4279E and partly damaged in these parts. This is the case for the right upper part of the cranium and the knees. On parts of the skeleton some white marks were located. These are probably salt remains, as salt concretions were found within the surrounding material. The individual was deposited in a left hyperflexed position. The cranium was located in the southeast. It was deposited on the left side and was slightly turned towards the chest and furthermore upwards and thus towering slightly above the surrounding parts of the individual. This cranium position was produced by the location of the hands and probably the original shape of the burial pit. The view direction is thus towards the east-south-east. Both humerus were located lateral but the arms are flexed towards the cranium with the hands below the cranium. The legs are extremely flexed towards the body. The knees are in front of the chest. The lower legs were parallel towards the femurs with the feet on the pelvis. The knees were towering as the head above the surrounding remains, which was probably produced by the original shape of the burial pit.

Associated artifacts

Number	category	subdivision
1033	pendant	flat bone pendant
1160	necklace	small necklace
1165	bead	discoidal shell bead
1553	plant fibers	plant fibers

Associated vertebratae remains

mammalia: camelidae or cervidae; artifact 1033, 1 long bone fragment  
 mammalia: rodentia; 1 left mandible (including one incisor and molars)

Associated invertebratae remains

Species	weight	MNI	artifact	comment
<i>Cryphiops caementarius</i>	0,5 g	1		
Echinoidea Class	1,5 g	1		
Protothaca thaca	0 g	1		no weight information

.....  
**Feature 4284**      **disturbed burial**

Unit: 17 excavated in 2009

Period: ceramic; Phase: ceramic

Description: remains of bones of feet of one individual within the filling material of Feature 4279D; no funerary structure

Interpretation: Probably the remains of a removed or disturbed burial.

Stratigraphic position: forms one with: 4279D

On figure(s): Plan 4  
 .....

**Feature 4285**      **pit**

Unit: 17 excavated in 2009 Group: St\_10\_dw

Period: archaic; Phase: 4

Description: Feature 4285 was a pit in the southeast of the bottom of a large pit (Feature 4263F) and thus located in the north of Unit 17. It was of irregular oval shape, orientated from north to south. It was 67 cm long, 44 cm wide and 19 cm deep. The walls are inclined in the bottom is concave. The filling material consisted of sandy soil of grey-white, mixed with small stones.

Stratigraphic position: above: 4263F; below: 4263E; 4263E2

Location (closest features): north: 9994; south: 4263F; west: 9995

On figure(s): 35e; 36e-h  
 .....

**Feature 4300**      **floor**

Unit: 5 excavated in 2009

Period: ceramic; Phase: ceramic

Description: floor of the ceramic occupation; located in the southwest of Unit 5 (campaign of 2009); consists of semi-compact, fine soil of beige-greyish color; mixed with gravel and some vegetal remains

Stratigraphic position: above: 4301; 4302; below: 3014; forms one with: 4371

Associated radiocarbon samples

Sample	material	size (mg)	radiocarbon age (BP)	±	delta13 ‰
Hd-30039	wood	211,7	3480	17	-26,5

**Feature 4301 floor**

Unit: 5 excavated in 2009

Period: ceramic; Phase: ceramic

Description: floor of the ceramic occupation; located in Unit 5 (campaign of 2009); consists of semi-compact, fine soil of grey color; mixed with small vegetal remains

Stratigraphic position: above: 4304; 4305; below: 4300; 4302; forms one with: 4028

Associated radiocarbon samples

Sample	material	size (mg)	radiocarbon age (BP)	±	delta13 ‰
Hd-30103	charcoal	14,4	4515	28	-26,4

**Feature 4302 burial**

Burial: 40 Unit: 5 excavated in 2009

Period: ceramic; Phase: ceramic

Description: Burial 40; a single burial from the ceramic occupation; encarved into the surfave of Feature 4301; located in the center of Unit 5 (campaign of 2009)

Stratigraphic position: above: 4301; below: 4300

On figure(s): 39a

Associated radiocarbon samples

Sample	material	size (mg)	radiocarbon age (BP)	±	delta13 ‰
Hd-30043	charcoal	13,3	4366	42	-26,5

**Feature 4303 occupation debris**

Unit: 5 excavated in 2009

Period: ceramic; Phase: ceramic

Description: occupation layer of the ceramic occupation; located directly above the uppermost layer (43 found in a large pit (Feature 9917), still of the ceramic occupation; distributed as well beyond the large pit (Feature 9917) in the southern part; located in the west of Unit 5 (campaign of 2009); consists of semi-compact to loose, granular soil of light beige-yellowish color; mixed with abundant gravel and small stones; some intrusions of fire marks

Comments: in the southern and eastern part connectable to Feature 4030

Interpretation: probably the large pit Feature 9917 was not completely filled and formed a small depression during the ceramic occupation; refuse during the ceramic occupation or smaller erosion events lead to the deposition of sparse ceramic remains in this depression

Stratigraphic position: above: 4306; 4308; 4309; 9921; below: 4304; forms one with: 4030; 4053; 4256

On figure(s): Plan 4

Associated radiocarbon samples

Sample	material	size (mg)	radiocarbon age (BP)	±	delta13 ‰
MAMS-13542	charcoal	8,1	4541	22	-27,5

**Feature 4304 burial**

Burial: 42 Unit: 5 excavated in 2009

Period: ceramic; Phase: ceramic

Description: Burial 42; a single burial of the ceramic occupation; located in the south of Unit 5 (campaign of 2009); located in the surface of Feature 4303

Stratigraphic position: above: 4303; below: 4301

Associated radiocarbon samples

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Sample	material	size (mg)	radiocarbon age (BP)	±	delta13 ‰
MAMS-13543	charcoal	13	4601	24	-23,9

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**Feature 4305 alluvial sediment**

Unit: 5 excavated in 2009

Period: ceramic; Phase: ceramic

Description: a river sand patch; located in the east of Unit 5 (campaign of 2009)

Comments: the original description is lost; informations taken from the drawing documentation

Stratigraphic position: above: 4307-1; below: 4301

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**Feature 4306 fireplace**

Unit: 5 excavated in 2009 Group: St\_12\_bu

Period: archaic; Phase: 4

Description: Feature 4306 was a fireplace in the southwestern central part of Unit 5. It was of irregular shape. The western and the southern edge corresponded with the edges of the excavation unit in 2009 and were thus straight. The maximum length was 108 cm from west to east and the maximum width was 77 cm from north to south. The bottom was irregular. The feature was 10 cm thick. The filling material consisted of burned soil of dark color, mixed with abundant charcoal remains, ashes, some small and middle-sized stones and some burned plant remains.

Comments: The plant remains were too small and too badly preserved to be determined.

Stratigraphic position: above: 4307-1; below: 4303

Location (closest features): north: 3231; east: 9922

On figure(s): 39a

Associated radiocarbon samples

Sample	material	size (mg)	radiocarbon age (BP)	±	delta13 ‰
MAMS-13544	charcoal	10,2	4542	22	-26,2

Associated invertebrate remains

*Choromytilus chorus*; weight: 0 g; MNI: 1; no further information; MNI was averaged; mentioned in the final inventory

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**Feature 4307-1 filling layer**

Unit: 5 excavated in 2009 Group: St\_12\_bu

Period: archaic; Phase: 4

Description: Feature 4307-1 was the uppermost filling layer in a large pit (Feature 9917) and thus located in the central western part of Unit 5. It was located in the entire upper part of the large pit. It was damaged in the northwest and the in the northwestern part by intrusive pits that were excavated in 2005 in this area. The shape was irregular. The surface was inclined from the edges towards the center. As the large pit was not completely excavated because of a massive wall covering it partly, the material was limited by two straight edges forming an inner angle in the center of the material. The maximum length was 422 cm from north to south and the maximum width was 326 cm from west to east. The depth varied between 10 cm in the southern part, 23 cm in the central part and 26 to 25 cm on the edges. The material consisted of burned soil of dark color, mixed with abundant small and middle-sized stones, charcoal, ashes and some lenses of light beige-yellow soil.

Comments: Feature 4307-1 and Feature 4307-2 were described within the original documentation of Feature 4307. Feature 4307 was excavated in two distinguished levels. Feature 4307-1 refers to the upper level, Feature 4307-2 refers to the lower level. All artifacts, botanical and faunal remains found within the material were assigned to Feature 4307-1 as it was the more massive feature. An exception was the radiocarbon sample 1538 that was associated to 4307-2 as it had a very high agreement in Phase 3 in the OxCal model and fits to the interpretation of a use as burial area after the use as dwelling.

Stratigraphic position: above: 4310; 4311; 4312; below: 4305; 4306; 9921

Location (closest features): east: 4038; south: 4375

On figure(s): 39a

Associated artifacts

Number	category	subdivision
961	cord	complex cord
962	cord	simple cord
1080	bead	discoidal shell bead
1081	bead	discoidal shell bead
1082	bead	discoidal bead
1083	bead	oval shell bead
1084	bead	oval shell bead
1372	cutting tool	cutting tool
1373	handstone	handstone (big)
1374	handstone	(medium)-percussor
1375	handstone	(medium)-percussor
1376	flake	flake
1377	percussor	hammerstone
1378	scraper	scraper
1379	cutting tool	cutting tool borer
1380	core	core
1381	handstone	handstone (big)-percussor
1382	cutting tool	cutting tool pointed
1383	percussor	retouch tool
1384	percussor	retouch tool
1385	cutting tool	cutting tool
1386	scraper	scraper
1387	handstone	(medium)-percussor
1388	handstone	(medium)-percussor
1389	percussor	hammerstone
1390	cutting tool	cutting tool notched
1391	handstone	handstone (big)-percussor
1392	flake	flake
1393	handstone	handstone (very small)
1394	handstone	abrading tool
1395	percussor	retouch tool
1397	borer	borer
1434	handstone	(very big)-percussor
1435	handstone	very big, percussor, palette circular
1436	handstone	medium, percussor, palette, anvil
1437	cutting tool	cutting tool
1438	cutting tool	cutting tool
1439	handstone	handstone (medium)
1440	cutting tool	cutting tool pointed
1441	percussor	retouch tool spherical
1442	percussor	retouch tool
1443	percussor	retouch tool
1444	handstone	handstone (small)

Associated vertebratae remains

aves: indeterminate; 1 coracoid (distal epiphysis and parts of diaphysis), 1 distal epiphysis of humerus, 1 distal epiphysis and parts of diaphysis of scapula, 2 distal epiphysis of tibiotarsus

mammalia: indeterminate; 4 bones

mammalia: indeterminate; 1 burned bone fragment, 3 bone fragments

mammalia: indeterminate; 1 partly burned femur, 1 burned femur, 1 distal epiphysis and parts of diaphysis of humerus, 1 burned diaphysis of long bone, mandible ramus with two molars, 2 burned tibia diaphysis

mammalia: caviidae; 1 distal epiphysis of femur, 1 femur diaphysis, 1 distal epiphysis and parts of diaphysis of burned femur, 1 proximal epiphysis of femur

mammalia: caviidae; 1 distal epiphysis and parts of diaphysis of burned femur, 1 proximal epiphysis and parts diaphysis of burned femur, 1 burned femur, 1 burned mandible ramus

mammalia: caviidae; 1 bula timpancia, 2 burned femurs, 1 distal epiphysis and parts of diaphysis of femur, 1 burned incisor, 1 mandible ramus with two incisors and two molars, 2 molars, 1 acetabulum (pelvis), 1 burned vertebra

Associated invertebratae remains

Species	weight (g)	NMI	artifact	comment
<i>Choromytilus chorus</i>	1,4	2		with red color remain
Mytilidae Family	0,5	1		
undetermined bivalve	3,1	1		
<i>Cryphiops caementarius</i>	4,7	3		
Echinoidea Class	0,8	1		
<i>Fissurella</i> sp.	0,2	2	1083; 1084	

**Feature 4307-2 filling layer**

Unit: 5 excavated in 2009 Group: St\_12\_dw

Period: archaic; Phase: 3

Description: Feature 4307-2 was the second filling layer in a large pit (Feature 9917) and thus located in the central western part of Unit 5. It was damaged in the northwest and the in the northwestern part by intrusive pits that were excavated in 2005 in this area. The shape was irregular. The surface was inclined from the edges towards the center. As the large pit was not completely excavated because of a massive wall covering it partly, the material was limited by two straight edges forming an inner angle in the center of the material. The maximum length was 406 cm from north to south and the maximum width was 281 cm from west to east. The depth was about 10 cm. The material consisted of burned soil of dark color, mixed with abundant small and middle-sized stones, charcoal, ashes and some lenses of light beige-yellow soil. Within the center a large lense of soil of dark brown-orange color, mixed with some stones and some caliche was located. Burial 46 (Feature 4312) was intrusive into the surface.

Comments: Feature 4307-1 and Feature 4307-2 were described within the original documentation of Feature 4307. Feature 4307 was excavated in two distinguished levels. Feature 4307-1 refers to the upper level, Feature 4307-2 refers to the lower level. All artifacts, botanical and faunal remains found within the material were assigned to Feature 4307-1 as it was the more massive feature, with the exception of the invertebratae which were separated during the excavation. An exception was the radiocarbon sample 1538 that was associated to 4307-2 as it had a very high agreement in Phase 3 in the OxCal model and fits to the interpretation of a use as burial area after the use as dwelling.

Stratigraphic position: above: 4315; 9916; 9919; 9920; below: 4310; 4311; 4312

Location (closest features): east: 9924; south: 9987

On figure(s): 39b

Associated radiocarbon samples

Sample	material	size (mg)	radiocarbon age (BP)	±	delta13 ‰
MAMS-13545	charcoal	12,3	4558	22	-26,3

Associated invertebratae remains

Species	weight	NMI	artifact	comment
<i>Choromytilus chorus</i>	34,1 g	2		
<i>Mesodesma donacium</i>	0,4 g	1		
<i>Mulinia edulis</i>	0,2 g	1		
Mytilidae Family	2 g	2		
<i>Cryphiops caementarius</i>	1,2 g	2		
Echinoidea Class	0,6 g	1		

**Feature 4308 burial**

Burial: 43 Unit: 5 excavated in 2009

Period: archaic; Phase: 1

Description: Burial 43 is a single, primary burial. It was located in the center of Unit 5, close west of a large pit (Feature 9917). It was encased into the natural surface. The burial was deposited in a pit and covered with big stones. The burial pit was of irregular circular shape with a length of 46 cm from north to south, a width of 41 cm from east to west and a depth of 30 cm. The walls were inclined and the bottom concave. The burial pit was covered with four big

stones. Three of them were natural stones, whereas the southern one was a groundstone. The stones were towering for about 5 cm around the surrounding material. The stones did not cover the entire surface of the filling material. The filling material within the burial pit consisted of loose soil of dark beige color, mixed with some ashes, charcoal remains and small stones. The individual was deposited on the bottom of the burial pit and covered directly with the stones. Just in the parts where the stones were absent it was covered with filling material. The individual was wrapped in a mat made of plant fibers, that was obvolvled by the remains of rope around the position of the upper body and around the position of the legs. The rope remains were fixed with an overhand knot in front of the position of the legs of the individual. Within the material of the wrapping mat some charcoal and filling material remains were located. Below the wrapping mat a fine, looped textile made of fine strings of plant fibers was located. This textile was preserved on the cranium and parts of the arms and wrapped around this parts. In other parts of the body it was compacted and badly preserved, which is probably a result of the decaying process of the individual. On the chest of the individual one pendant made of malachite and one pendant made of a shell (*Aulacomya ater*) were located. On the bottom some big stones were located. One of them in the east, longish and nearly in the entire length of the burial pit. The other one in the north below the cranium of the individual. These stones influenced the position of the cranium of the individual.

Comments: Feature 4308 was located in the area of an earlier taken profile but was not depicted on it. Most probably some information on the feature drawings giving the position were slightly incorrect.

Stratigraphic position: above: NaSuU5; below: 4303

Location (closest features): north: 4037; east: 4044; south: 9937; west: 9917

On figure(s): 45; 51f; 52e; : Plan 1-4; Plan 5; Plan 6; Plan 7; Plan 8; Plan 9-11

Anthropological information

Individual: 43 age class: infans 1 est. age: 5 years sex: indeterminate

Description of skeleton: The skeleton was medium preserved. It was deposited in the center of the bottom of the burial pit in a right flexed position. The cranium was located in the north and deposited on the right side. The direction of view was towards the west. The cranium is slightly turned upward, produced by the stones on the bottom of the burial pit. The arms were lateral on both body side and slightly flexed with the hands on the lower parts of the femurs. The legs were extremely flexed with the knees in front of the body. The lower legs were parallel towards the femurs. The feet were located below the line of the pelvis. Some remains of salt were found on the skeleton.

Associated artifacts

Number	category	subdivision
840	twined	open simple twining
841	cord	simple cord
843	looped	simple looping dense
1170	pendant	malachite pendant
1171	pendant	bivalve shell pendant
1458	ground stone	ground stone (medium)

Associated radiocarbon samples

Sample	material	size (mg)	radiocarbon age (BP)	±	delta13 ‰
MAMS-13546	charcoal	9,5	4671	24	-27

Associated invertebratae remains

Echinoidea Class; weight: 0g; MNI: 1; no further information; MNI was avarged; mentioned in the final inventory  
*Aulacomya ater*; weight: 2 g; MNI: 1; artifact 1171

**Feature 4309 storage pit**

Unit: 5 excavated in 2009

Period: archaic; Phase: 5

Description: Feature 4309 was a pit in the center of Unit 5. It was of oval shape, orientated from west to east. It was 45 cm long, 28 cm wide and 14 cm deep. The wall were vertical and the bottom plane. The filling material consisted of loose, granular soil of light beige-yellow color, mixed with gravel, some remains of poorly preserved plant fibers and plant remains.

Stratigraphic position: above: NaSuU5; below: 4303

Location (closest features): east: 3976-2; south: 4044

On figure(s): 39a-d; 40a-b; : Plan 1-4; Plan 5; Plan 6; Plan 7; Plan 8; Plan 9-11

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Associated artifacts

Number	category	subdivision
1510	bottle gourd epicarp	bottle gourd vessel

Associated macrobotanical remains

taxon	topology	comp. rem.	fragment	weight (g)	artifact
FABACEAE	seed		8	0,5	
ND	seed		2	0,5	
Lagenaria siceraria	fruit		3	0,5	1510
Prosopis pallida	fruit	1	6	1	
Phaseolus sp.	fruit		6	0,5	
FABACEAE	fruit	1	4	0,5	
Prosopis pallida	seed	57		1	
Schinus molle	fruit	1		0,5	

**Feature 4310 pit**

Unit: 5 excavated in 2009 Group: St\_12\_bu

Period: archaic; Phase: 4

Description: Feature 4310 was a pit in the north of a large pit (Feature 9917) and thus located in the western central part of Unit 5. It was of oval shape, orientated from west to east. It was 24 cm long, 18 cm wide and 7 cm deep. The walls were inclined in the bottom was concave. It was covered with two middle-sized stones. The filling material consisted of loose, sandy soil of beige color with some gravel and some charcoal remains.

Stratigraphic position: above: 4307-2; below: 4307-1

Location (closest features): north: 4307-2; east: 4307-2; south: 4307-2; west: 4307-2

On figure(s): 39b

Associated artifacts

Number	category	subdivision
1317	handstone	handstone (big)-percussor-palette-anvil

**Feature 4311 plant concentration**

Unit: 5 excavated in 2009 Group: St\_12\_bu

Period: archaic; Phase: 4

Description: Feature 4311 was a concentration of the remains of fragments of a textile made of plant fibers. It was located on the northeastern edge of a large pit (Feature 9917) and thus located in the center of Unit 5. It consisted of the badly preserved fragments of a textile made of plant fibers (probably reed), mixed with humid soil of dark beige color and some charcoal remains. The fragments were distributed irregularly, covering an kidney-shaped area that was orientated from northwest to southeast. The maximum length was 32 cm and the maximum width was 15 cm. The concentration was located on top of Feature 4307-2.

Comments: No plant material was recovered due to the bad preservation.

Interpretation: Feature 4311 probably represents the poorly preserved remains of the roof of the dwelling.

Stratigraphic position: above: 4307-2; below: 4307-1

Location (closest features): north: 9917; east: 9917; south: 4307-2; west: 4307-2

On figure(s): 39b

**Feature 4312 burial**

Burial: 46 Unit: 5 excavated in 2009 Group: St\_12\_bu

Period: archaic; Phase: 4

Description: Burial 46 is a primary, single burial. It is located in a large pit (Feature 9917), in the center of Unit 5. It was encaved into the surface of Feature 4307-2, which is a filling layer within the large pit. The burial was deposited in a pit that was covered in the southern part with a big stone. The burial pit was of regular oval shape and orientated from north. It was 55 cm long, 26 cm wide and about 15 cm deep. The walls of the burial pit were inclined and the bottom concave. Above the southern part of the filling material a big, oval stone was located. The filling material consisted of loose, fine soil of dark beige color, mixed with fine sand, gravel and small stones. In the filling

material a polishing stone, two cutting tools, an andesite flake and an obsidian flake were found. Furthermore small fragments of freshwater shrimps and sea urchin were found in the filling material. The individual was deposited on the bottom of the burial pit, covered by the filling material. On the cranium and lateral on the sides of the individual the remains of a mat made of plant fibers were located. It was very badly preserved and decayed by touching. The remains of a finer, meshed textile were located on the legs of the individual. These were located between the first noted mat and the skeletal remains and in contact with both. They were very badly preserved and decayed by touching. Located around at the neck and on the chest of the individual 68 discoidal beads and one oval shell bead were located, that formed the remain of a probable necklace. Around the left and the right wrist arranged discoidal beads were found that formed the remains of bracelets. On the bottom and the edges of the burial pit middle-sized stones were located, that formed part of the material in which the burial was incarved into.

Stratigraphic position: above: 4307-2; below: 4307-1

Location (closest features): north: 9919; east: 9917; south: 9921; west: 9918

On figure(s): 39b; 45; 53a; 54a

Anthropological information

Individual: 46 age class: infans 1 est. age: 6-12 months sex: indeterminate

Description of skeleton: The skeleton was relatively bad preserved. It was deposited on the bottom of the burial pit in a supine, right-flexed position. The cranium was located in the north and slightly turned towards the left side. The view direction was upwards. The arms were extended lateral and the hands close to the pelvis. The legs were extremely flexed towards the body and oriented towards the right side. The feet were located below the pelvis line.

Associated artifacts

Number	category	subdivision
1154	bracelet	large bracelet
1155	necklace	medium necklace
1156	bracelet	large bracelet
1320	cutting tool	cutting tool
1321	handstone	handstone (very small)
1322	cutting tool	cutting tool
1323	flake	flake
1396	flake	flake
1554	twined	nd
1555	looped	nd

Associated radiocarbon samples

Sample	material	size (mg)	radiocarbon age (BP)	±	delta13 ‰
MAMS-13547	charcoal	11,1	4507	22	-24,3

Associated invertebratae remains

Species	weight	MNI	artifact	comment
Echinoidea Class	0,1 g	1		
<i>Cryphiops caementarius</i>	1,6 g	1		
<i>Fissurella</i> sp.	0,1 g	1	1155	

**Feature 4313 burial**

Burial: 50 Unit: 17 excavated in 2009 Group: St\_11\_bu

Period: archaic; Phase: 4

Description: Burial 50 was probably a single, primary burial. It was located in a large pit (Feature 4316) and thus on the central western edge of Unit 17. The burial was detected within the surface of the surrounding material of Feature 4314, which is a layer within the large pit. No burial pit or other construction was distinguishable from this material. The surrounding material consisted of granular soil of dark beige color, mixed with some small stones and some charcoal. The remains of the individual were distributed in an area of 70 cm length from north to south and 31 cm width from east to west. They were penetrating into the surrounding material into a depth of about 10 cm down from the surface.

Comments: Due to the fact that the human remains were found in an undisturbed, anatomically articulated form, a primary, single burial can be assumed.

Stratigraphic position: above: 4314; below: 4279E

Location (closest features): north: 4316; east: 9996; south: 9999; west: 4076

On figure(s): 37a-c; 38a-b; 45; 53d; 54d

Anthropological information

Individual: 50 age class: infans 2 est. age: 6-10 years sex: indeterminate

Description of skeleton: The individual was regular preserved. It was deposited in a right flexed position. The cranium was located in the south and slightly turned towards the back. Thus the direction of view is towards the southeast. The arms were extremely flexed in front of the chest with the hands below the line of the mandible. The legs were extremely flexed with the knees in front of the chest and the lower arms, respectively. The lower legs were parallel towards the femurs and the feet located below the line of the pelvis.

**Feature 4314 filling layer**

Unit: 17 and partly: 5 excavated in 2009 Group: St\_11\_dw

Period: archaic; Phase: 3

Description: Feature 4314 was a filling layer in a large pit (Feature 4316) and thus located in the central western edge of Unit 17, reaching into the east of Unit 5. It was located in the entire large pit. It was of irregular circular shape with a diameter of 232 cm. The depth varied between 61 cm and 39 cm. The filling material consisted of semi-compact to loose, granular soil of dark beige-brown color, mixed with abundant charcoal remains, some small and middle-sized stones and some plant remains

Stratigraphic position: above: 4317; 4318; 4319; 9999; below: 4313; 9996

Location (closest features): south: 9853; west: 4087

On figure(s): 37a-c; 38a-b

**Feature 4315 filling layer**

Unit: 5 excavated in 2009 Group: St\_12\_dw

Period: archaic; Phase: 3

Description: Feature 4315 was a filling layer within a large pit (Feature 9917) and thus located in the central western part of Unit 5. It was located in the southern and central part of the large pit (Feature 9917). It was of irregular shape, with straight edges in the west and the south due to the limitations of the excavations there. The northern and eastern edge were bent. The maximum length was 275 cm from north to south and the maximum width was 129 cm from east to west. The depth varied between 6 and 22 cm. The filling material consisted of middle fine to fine, semi-compact to loose soil of brown-orange color, mixed with small and middle sized stones and some caliche in the surface part. The surface was of dark brown-black color in the southern part and of light grey-yellowish color in the northern part.

Stratigraphic position: above: 4320; 4321; 4324

Location (closest features): north: 9919; east: 9925; south: 9897

On figure(s): 39c

Associated artifacts

Number	category	subdivision
1078	bead	discoidal shell bead
1079	bead	oval shell bead
1331	handstone	(medium)-percussor
1332	handstone	(small)-percussor
1333	cutting tool	cutting tool
1334	cutting tool	cutting tool pointed
1335	cutting tool	cutting tool
1336	handstone	handstone (big)-pestle
1337	cutting tool	cutting tool
1338	cutting tool	cutting tool
1339	cutting tool	cutting tool
1340	cutting tool	cutting tool
1341	handstone	handstone (medium)
1342	handstone	handstone (very big)
1343	cutting tool	cutting tool pointed

## Associated invertebratae remains

Species	weight	MNI	artifact	comment
<i>Fissurella</i> sp.	0,1 g	1	1079	

**Feature 4316 pit**

Unit: 17 and partly: 5 excavated in 2009 Group: St\_11\_dw

Period: archaic; Phase: 3

Description: Feature 4316 was a large pit on the western central edge of Unit 17, reaching into Unit 5. It was of irregular circular shape with a diameter of 255 cm. The walls were steep and the bottom was plane. The large pit was located in an area with a strong inclination towards the east. Thus the walls in the north and the south were inclined towards the east. The large pit was 110-120 cm deep in the west and 35-40 cm deep in the east. It was filled with several filling layers (Features 4279D, 4279E and 4314) and contained three burials (Burial 47 (Feature 4280), Burial 48 (Feature 4283) and Burial 50 (Feature 4313). On the bottom some pits were located (Features 4317, 4318, 4319 and 9999).

Stratigraphic position: above: NaSuU17; below: 4317; 4318; 4319; 9999

Location (closest features): south: 9853; west: 4087

On figure(s): 37a-c; 38a-b

**Feature 4317 pit**

Unit: 17 excavated in 2009 Group: St\_11\_dw

Period: archaic; Phase: 3

Description: Feature 4317 was a pit in the south of the bottom of a large pit (Feature 4316) and thus located in the central west of Unit 17. It was of circular shape, with a diameter of 54 cm and a depth of 31 cm. The walls were steep sided and the bottom was plane. The filling material consisted of semi-compact to loose, clumpy soil of beige-greyish color, mixed with some fine sand.

Stratigraphic position: above: 4316; below: 4314

Location (closest features): north: 4218; east: 4316; south: 4316; west: 9999

On figure(s): 37a-c; 38a-b

**Feature 4318 pit**

Unit: 17 excavated in 2009 Group: St\_11\_dw

Period: archaic; Phase: 3

Description: Feature 4318 was a pit in the eastern center of the bottom of a large pit (Feature 4316) and thus located in the western central part of Unit 17. It was of irregular circular shape, with a diameter of 67 cm and a depth of 45 cm. The walls were vertical and the bottom concave. The pit was covered with three big stones. The filling material consisted of semi-compact to loose, clumpy soil of dark beige color, mixed with middle to fine sand. Some plant fiber remains in poor preservation were found within the filling material.

Stratigraphic position: above: 4316; below: 4314

Location (closest features): north: 4316; east: 4316; south: 4317; west: 9999

On figure(s): 37a-c; 38a-b

**Feature 4319 pit**

Unit: 17 and partly: 5 excavated in 2009 Group: St\_11\_dw

Period: archaic; Phase: 3

Description: Feature 4319 was a pit in the northwest of the bottom of a large pit (Feature 4316) and thus located in the central west of Unit 17, reaching partly into Unit 5. The pit was of irregular oval shape, orientated from north to south. It was 96 cm long, 81 cm wide and 44cm deep. The walls were vertical and the bottom plane. The pit was covered by three big natural stones. The filling material consisted of semi-compact to loose soil of beige-greyish color, mixed with some middle to fine sand. Within the filling material some plant fibers were found.

Stratigraphic position: above: 4316; below: 4314

Location (closest features): north: 4316; east: 4318; south: 9999; west: 4316

On figure(s): 37a-c; 38a-b

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**Feature 4320**      **filling layer**

Unit: 5    excavated in 2009    Group: St\_12\_dw

Period: archaic; Phase: 3

Description: Feature 4320 was a filling layer within the center of a large pit (Feature 9917) and thus located in the central western part of Unit 5. It was of irregular shape. The southern edge corresponds with the edge of the excavation unit of the campaign of 2009 in this area and isthus straight. The western edge corresponds with the unexcavated part within the large pitand is thus angled and straight. The material was distributed in the southern part of the large pit. The maximum length was 313 cm from north to south and the maximum widht was 212 cm from west to east. The thickness varied between 4 in the northern and 28 cm in the southern part. The surface was slightly inclined towards the north. The material consisted on the surface of semi-compact to loose, middle-fine soil of light beige-yellowish color, mixed with abundant small stones and some charcoal remains, whereas the color below this surface was slightly more orange. Feature 4321 was intrusive into the surface in the southeast.

Stratigraphic position: above: 4322; 9918; below: 4315; 4321

Location (closest features): north: 9920; east: 4321; south: 9897; west: 4324

On figure(s): 39c-d

Associated artifacts

Number	category	subdivision
1077	bead	discoidal shell bead
1329	handstone	handstone (small)-percussor
1330	cutting tool	cutting tool notched

Associated radiocarbon samples

Sample	material	size (mg)	radiocarbon age (BP)	±	delta13 ‰
MAMS-13548	charcoal	8,1	4489	23	-26,5

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**Feature 4321**      **storage pit**

Unit: 5    excavated in 2009    Group: St\_12\_dw

Period: archaic; Phase: 3

Description: Feature 4321 was a small storage pit in the southeast of a large pit (Feature 9917) and thus located in the center of Unit 5. It was located on the southern edge of the excavated part and thus the southern edge of the feature was straight. In the east the edge of the feature corresponds with the eastern edge of the large pit. The excavated part was of regular oval shape, with a straight edge in the south, orientated from north to south. It was 32 cm long,30 cm wide and 9 cm deep. It was covered with a small grinding stone. The walls were inclined and the bottom was concave. The filling material consisted of loose soil of beige-greyish color, mixed with small stones, plant remains and charcoal.

Stratigraphic position: above: 4320; below: 4307-2

Location (closest features): east: 9925; south: 4381; west: 4322-2

On figure(s): 39c-d; 40a-b

Associated artifacts

Number	category	subdivision
1457	ground stone	(medium)-percussor
1476	ground stone	(medium)-palette
1477	plant fibers	plant fibers
1478	plant fibers	plant fibers
1501	bottle gourd epicarp	bottle gourd vessel

Associated macrobotanical remains

taxon	topology	comp. rem.	fragment	weight (g)	artifact
Lagenaria siceraria	fruit		2	0,5	1501
Prosopis pallida	fruit		19	4	
Phaseolus cf. lunatus	fruit		2	0,5	
Ipomoea batatas	root		1	2	
CUCURBITACEAE	seed	1		0,5	
Salix sp.	stem and leaves		1	5	

Associated vertebratae remains  
mammalia: caviidae: probably *Cavia* sp.; 1 right scapula

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**Feature 4322**      **fireplace**

Unit: 5    excavated in 2009 Group: St\_12\_dw

Period: archaic; Phase: 3

Description: Feature 4322 was a fireplace on the southern and western surface of Feature 4323 within a large pit (Feature 9917) and thus located in the southwestern central part of Unit 5. It was of irregular shape and separated in a length of 6 cm along the southern profile. The southern and the western edges were corresponding to the edges of the excavation unit of 2009 and were thus straight. The maximum length was 152 cm from north to south and the maximum width was 125 cm from west to east (including the disconnection). The bottom was irregular. The feature was between 1 and 4 cm thick. The filling material consisted of semi-compact, fine, burned soil of dark brown-black color, mixed with abundant charcoal remains, ashes and some small stones. In some sections of semi-compact, fine soil of dark beige color was located.

Interpretation: The fireplace continues probably towards the unexcavated western part and maybe towards the unexcavated southern part and was probably originally located in the center of the complete large pit (Feature 9917). It was maybe the remain of a burned down roof of a dwelling.

Stratigraphic position: above: 4323; below: 4320

Location (closest features): north: 4323; east: 4323

On figure(s): 40a

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**Feature 4323**      **use floor**

Unit: 5    excavated in 2009 Group: St\_12\_dw

Period: archaic; Phase: 3

Description: Feature 4323 was an occupation layer on the bottom of a large pit (Feature 9917) and thus located in the central western part of Unit 5. It was of irregular shape and located in the southern part of the excavated part of Feature 9917. Thus the edges in the south and the west were straight as the edge of the excavation unit was located in these areas. The edges of the feature were bent from the north to the south, and orientated along the edge of the large pit, but within a distance to the same. The surface was relatively plane. The filling material consisted of semi-compact, fine soil of dark beige color, mixed with some gravel in the central and southern part. It was very thin and was attached directly to the natural surface on the bottom of the large pit (Feature 9917). The maximum length of the irregular shaped occupation layer was 281 cm from north to south and 171 cm from west to east. In the northern part of the same a small post hole (Feature 9918) was located.

Interpretation: Probably the use floor of the dwelling.

Stratigraphic position: above: 9917; below: 4322; 9918

Location (closest features): north: 9919; east: 9925; south: 9897; west: 4324

On figure(s): 38c; 39c-d; 40a-b

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**Feature 4324**      **pit**

Unit: 5    excavated in 2009 Group: St\_12\_dw

Period: archaic; Phase: 3

Description: Feature 4324 was a pit in the northern part of the bottom of a large pit (Feature 9917) and thus located in the west of Unit 5. It was situated on the edge of the excavation unit that was formed by a wall remain and was thus not completely excavated. The shape was thus irregular semioval, orientated from northwest to southeast, but with a straight edge in the southwest corresponding to the edge of the excavation unit. The walls were inclined and the bottom was concave. It was 60 cm long, 18 cm wide and 20 cm deep. The filling material consisted of semi-compact to loose, humid, middle-fine soil of dark beige color, mixed with some small stones and some gravel.

Comments: Originally interpreted as storage pit.

Stratigraphic position: above: 9917; below: 4307-2

Location (closest features): north: 9917; east: 9917

On figure(s): 38c; 39c-d; 40a-b

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**Feature 4371**      **floor**

Unit: AQ46Q46 excavated in 2009

Period: ceramic; Phase: ceramic

Description: a floor of the ceramic occupation; located in the entire surface of Unit AQ46; consists of semi-compact, fine soil of beige-greyish color; mixed with few gravel and some vegetal remains

Comments: the features located above Feature 4371 were excavated in 2004 and their stratigraphic sequence is not absolutely clear; but due to the original numeration of Feature 4371 as layer D it can be supposed that at least four other layers superimposed Feature 4371 (layers S, A, B, C)

Stratigraphic position: above: 4372; 4396; forms one with: 4300

**Feature 4372 fireplace**

Unit: AQ46Q46 excavated in 2009

Period: ceramic; Phase: ceramic

Description: a fireplace in the southwestern corner of Unit AQ46; located in the surface of Feature 4373; consists of burned soil of dark color; mixed with abundant remains of charcoal, ashes and few small and middle-sized stones; some remains of adobe and some vegetal remains were mixed into the material as well

Stratigraphic position: above: 4373; below: 4371

**Feature 4373 layer**

Unit: AQ46 excavated in 2009

Period: ceramic; Phase: ceramic

Description: layer of the ceramic occupation; located in the northwest of Unit AQ46; consists of semi-compact, fine soil of grey color; mixed with small plant fiber remains and some gravel; small post holes were found within the layer

Stratigraphic position: above: 9883; 9884; 9885; 9896; below: 4372

Associated radiocarbon samples

Sample	material	size (mg)	radiocarbon age (BP)	±	delta13 ‰
MAMS-13560	charcoal	6,4	2835	22	-24,3
MAMS-13559	charcoal	6,4	4544	24	-26,3

**Feature 4374 occupation layer**

Unit: AQ46 excavated in 2009

Period: ceramic; Phase: ceramic

Description: layer of the ceramic occupation; located in the entire Unit AQ 46; consisted of semi-compact to loose, fine soil of dark beige to brown-orange color, mixed with gravel and small stones, lenses of ashes and abundant plant remains; the layer was connectable to a layer in Unit 6 (Feature 4421)

Comments: no ceramic was found, but cotton remains and cotton artifacts, thus the layer was assigned to the ceramic occupation, as the material appears to present mixed material of the the ceramic and the preceramic occupation

Stratigraphic position: above: 4376; 9895; below: 9880; 9881; 9882; 9883; 9884; 9885; 9896; forms one with: 4421

Associated radiocarbon samples

Sample	material	size (mg)	radiocarbon age (BP)	±	delta13 ‰
Hd-30089	charcoal	14,2	4503	22	-27,4

**Feature 4375 occupation layer**

Unit: AQ46 excavated in 2009

Period: archaic; Phase: 4

Description: Feature 4375 was an occupation layer covering the entire Unit AQ 46. It was inclined from east to west. Some features were intrusive into the surface. It was due to the size of Unit AQ 46 510 cm long from northwest to southeast and 310 cm wide from southwest to northeast. The thickness varied between 30 and 75 cm, but was cut relatively sharp in the east. The material consisted of loose, middle-fine soil of grey color, mixed with some concentrations of brown soil, abundant gravel, some middle-sized and big stones, abundant charcoal remains and plant remains. In the northern part some incrustations of charcoal and plant remains were located. In the surface the material was in the western part slightly lighter in color. The layer was obviously cut in the eastern end, as visible

in the northern profile by an intrusion of the ceramic occupation. This intrusion probably nivelated the area above or prepared a plane area. The cutting of the layer corresponds with the eastern edge of Unit AQ 46.

Comments: As visible in the northern profile of Unit AQ 46 the occupation layer was cut on the eastern edge by an intrusion of the ceramic occupation. Thus it was not connectable to other layers. The layer was very thin in the east and due to the radiocarbon dating from Feature 4376 (Sample 1555) it was assigned to Phase 4. No close features are given, because the zone in the north, west and south were not excavated and in the east ceramic layers were

Stratigraphic position: above: 4377; 4378; 9897; below: 4376; 9895

On figure(s): Plan 1; Plan 2; Plan 3

#### Associated artifacts

Number	category	subdivision
857	plant fibers	plant fibers
858	plant fibers	plant fibers
859	plant fibers	located plant fibers
860	plant fibers	plant fibers
861	twined	open simple twining
862	twined	open simple twining
863	twined	open / close simple twining
865	looped	figure-8 looping
866	trimmed wood	wrapped forked branch
867	cord	simple cord
868	cord	simple cord
869	cord	simple cord
870	cord	simple cord
871	cord	simple cord
872	cord	simple cord
873	cord	simple cord
874	cord	simple cord
875	cord	simple cord
876	cord	simple cord
877	cord	simple cord
878	cord	simple cord
879	cord	simple cord
880	cord	simple cord
881	cord	simple cord
882	cord	simple cord
883	cord	simple cord
884	cord	simple cord
885	cord	simple cord
886	cord	simple cord
887	cord	simple cord
888	cord	complex cord
889	cord	simple cord
890	cord	simple cord
891	cord	simple cord
892	cord	simple cord
893	cord	simple cord
894	cord	simple cord
895	cord	simple cord
896	cord	simple cord
897	cord	simple cord
898	cord	simple cord
899	cord	simple cord
900	looped	simple looping dense
901	cord	complex cord

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902	cord	complex cord
903	cord	complex cord
904	cord	tressed cord
905	cord	tressed cord
906	cord	complex cord
907	cord	simple cord
908	cord	tressed cord
909	cord	complex cord
910	knotted	wide grided (stretched)
911	knotted	wide grided (stretched)
912	plant fibers	plant fibers
913	plant fibers	plant fibers
914	plant fibers	plant fibers
915	plant fibers	plant fibers
960	knotted	close grided
1037	pendant	flat bone pendant-needle
1038	braiding tool	braiding tool
1096	bead	oval shell bead
1097	bead	oval shell bead
1098	bead	discoidal shell bead
1099	bead	discoidal shell bead
1100	bead	discoidal shell bead
1101	bead	discoidal shell bead
1102	bead	discoidal stone bead
1175	alluvial sediment remain	
1189	split wood	trimmed split wood
1190	split wood	trimmed-pointed, worn end
1191	trimmed wood	trimmed wood (worn end)
1192	scantling	pointed scantling
1193	split wood	trimmed-pointed, worn end
1194	trimmed wood	trimmed wood
1195	trimmed wood	trimmed wood
1196	split wood	trimmed split wood
1316	projectile point	projectile point
1359	percussor	hammerstone spherical
1360	handstone; medium, squashing stone, percussor	
1361	cutting tool	cutting tool
1362	handstone	(small)-percussor
1363	ground stone	(small)-handstone-palette
1364	handstone	(medium)-percussor
1365	handstone	handstone (very small)
1367	handstone	very small, percussor-palette
1368	handstone	(very small) circular
1369	percussor	hammerstone
1370	handstone	(medium)-palette
1371	handstone	abrading tool circular
1401	flake	flake
1402	flake	flake
1473	cutting tool	cutting tool
1487	bottle gourd epicarp	bottle gourd vessel
1488	bottle gourd epicarp	bottle gourd vessel
1489	bottle gourd epicarp	bottle gourd vessel
1490	bottle gourd epicarp	bottle gourd vessel

Associated macrobotanical remains

taxon	topology	comp. rem.	fragment	weight (g)	artifact
Pachyrhizus sp.	root		2	1	
Phaseolus cf. lunatus	seed		1	0,5	
Lagenaria siceraria	fruit		94	74	1487-1490
POACEAE	stem and leaves		1	1	
cf. Phragmites/Gynerium	flower		1	0,5	
Prosopis pallida	fruit	35	45	47	
Phaseolus lunatus	fruit	7	58	24	
Canavalia sp.	fruit		3	1	
Lagenaria siceraria	stem	2		1	
CUCURBITACEAE	cf. stem		1	0,5	
Ipomoea batatas	root	1	6	25	
cf. CYPERACEAE	stem	2		0,5	
cf. Gynerium	stem		1	4	
Prosopis pallida	seed	16		0,5	
Psidium guajava	fruit	1	1	3	
Phaseolus lunatus	seed	2	2	1	
Cucurbita sp.	seed	4	5	0,5	
Phaseolus vulgaris	seed	1		0,5	
Lagenaria siceraria	seed	1		0,5	
ND	n.d.		1	0,5	
Gynerium sagittatum	stem		2	3	
MAGNOLIOPSIDA	stem		7	20	
MAGNOLIOPSIDA	stem		2	10	864
MAGNOLIOPSIDA	stem		1	0,5	884
LILIOPSIDA	cf. leaf		2	0,5	868
CYPERACEAE	stem		2	0,5	870
CYPERACEAE	stem		1	0,5	863
Salix sp.	stem and leaves		1	5	

Associated vertebratae remains

Lissamphibia: Leptodactylidae: Batrachophrynus sp.; 1 bone fragment

aves: indeterminate; bones

mammalia: rodentia; 1 complete right femur

mammalia: caviidae; 1 incomplete left mandible, 1 left petrous portion

mammalia: caviidae; 1 proximal epiphysis with parts of diaphysis of right femur, 1 right incomplete mandible, 1 left incomplete mandible, 1 fragment of left side of pelvis, 1 left petrous portion

mammalia: caviidae; 1 costa, 1 cranium occipital fragment, 1 cranium fragment, 1 proximal epiphysis with parts of diaphysis of left femur, 1 proximal epiphysis with parts of diaphysis of right femur, 1 proximal epiphysis of humerus, 1 incomplete right mandible, 1 incomplete left mandible, 1 right maxilla fragment, 3 maxilla fragments, 3 molar fragments, 1 fragment of right pelvis, 1 fragment of left pelvis, 1 left petrous portion, 1 right petrous portion, 1 proximal epiphysis with parts of diaphysis of left tibia, 1 proximal epiphysis with parts of diaphysis of right tibia

mammalia: camelidae or cervidae; artifact 1038, 1 long bone

mammalia: indeterminate; skin and hairs

mammalia: rodentia; 1 proximal epiphysis of left femur, 1 complete right femur, 4 fragments of flat bone, 1 left mandible (includes one incisor), 1 right mandible (includes one incisor), 1 left maxilla (including molars), 5 molar fragments, parts of left pelvis (acetabulum, ilium and part of ischium)

ND: ND; artifact 1037, 1 long bone

ND: ND; 1 flat bone, 2 long bones

Associated invertebratae remains

*Choromytilus chorus*; weight: 0g; MNI: 1; no further information; MNI was averaged; mentioned in the final inventory

Echinoidea Class; weight: 0 g; MNI: 1; no further information; MNI was averaged; mentioned in the final inventory

*Cryphiops caementarius*; weight: 0g; MNI: 1; no further information; MNI was averaged; mentioned in the final inventory

*Fissurella* sp.; weight: 0,2g; MNI: 2; artifacts 1096 and 1097

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**Feature 4376**      **fireplace**

Unit: AQ46      excavated in 2009 Group: Group\_03

Period: archaic; Phase: 4

Description: Feature 4376 was a fireplace in the northern and central part of Unit AQ 46. It was of irregular shape. The maximum length was 235 cm from west to east and the maximum width was 222 cm from north to south. The bottom was irregular. The feature was at the maximum 11 cm thick. The filling material consisted of burned soil of dark color, mixed with abundant charcoal, ashes, small and middle-sized stones and some plant remains.

Stratigraphic position: above: 4375; below: 4374

Location (closest features): north: 4375; east: 4375; south: 4375; west: 4375

On figure(s): Plan 1; Plan 2

Associated artifacts

Number	category	subdivision
933	twined	open diagonal twining
1491	bottle gourd epicarp	bottle gourd vessel

Associated radiocarbon samples

Sample	material	size (mg)	radiocarbon age (BP)	±	delta13 ‰
MAMS-13562	charcoal	6,5	4515	23	-19,4

Associated macrobotanical remains

taxon	topology	comp. rem.	fragment	weight (g)	artifacts
Lagenaria siceraria	fruit		6	0,5	1491
MAGNOLIOPSIDA	fruit		1	0,5	
Phaseolus lunatus	fruit	2	1	1	
Prosopis pallida	fruit	1		0,5	
ND	n.d.		1	3	
Phaseolus vulgaris	seed	1		0,5	

Associated vertebratae remains

mammalia: caviidae: Cavia sp.; 1 proximal epiphysis with part of diaphysis of right femur

Associated invertebratae remains

Species	weight	MNI	artifact	comment
Echinoidea Class	0,5 g	1		
<i>Cryphiops caementarius</i>	0,1 g	1		

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**Feature 4377**      **occupation layer**

Unit: AQ46      excavated in 2009

Period: archaic; Phase: 4

Description: Feature 4377 was an occupation layer in the southeast of Unit AQ 46. It was inclined towards the southeast. It covered the entire eastern part of Unit AQ 46 and had an irregular bent limit towards the northwest. It was connected with Feature 4038 in Unit 5 and Feature 4429 in Unit 6. The maximum length was 467 cm from northwest to southeast and the maximum width was 310 cm from northeast to southwest. Due to the inclination the thickness varied between 5 and about 25 cm. The material consisted of semi-compact, middle-fine soil of dark beige-greyish color, mixed with plant remains, charcoal and gravel.

Comments: The connection to Features 4429 and 4038 was clarified by evaluating the northern profile of Unit AQ 46 and the western profile of Unit 5 and the photographs and drawings.

Stratigraphic position: above: 4379; 4381; 4383; below: 4375; forms one with: 4038; 4429

Location (closest features): east: 4038; west: 4375

On figure(s): Plan 1; Plan 2

Associated artifacts

Number	category	subdivision
808	cord	simple cord
809	cord	simple cord
810	twined	open diagonal twining
811	cord	simple cord

812	cord	simple cord
813	twined	open simple twining
814	twined	open simple twining
815	twined	nd
816	cord	complex cord
817	cord	simple cord
818	twined	open / close simple twining
819	cord	simple cord
820	twined; open simple twining, continuous weft	
1045	spatula	spatula
1046	braiding tool	braiding tool
1094	bead	oval shell bead
1095	bead	oval shell bead
1279	split wood	trimmed split wood
1349	cutting tool	cutting tool
1350	percussor	retouch tool
1399	flake	
1492	bottle gourd epicarp	bottle gourd vessel

Associated macrobotanical remains

taxon	topology	comp. rem.	fragment	weight (g)	
Lagenaria siceraria	fruit		6	6	1492
Prosopis pallida	fruit	13		10	
Phaseolus lunatus	fruit	2	5	2	
Ipomoea batatas	root		1	8	
Prosopis pallida	seed	9		0,5	
LILIOPSISIDA	n.d.		1	1	820
Cucurbita sp.	seed	2		0,5	

Associated vertebratae remains

mammalia: camelidae or cervidae; artifact 1046, 1 costa proximal epiphysis burned at one end  
 mammalia: camelidae or cervidae; artifact 1045; 1 fragment of burned long bone

Associated invertebratae remains

*Cryphiops caementarius*; weight: 0 g; MNI: 1; no further information; the MNI was averaged; mentioned in the final inventory  
*Fissurella* sp.; 0,2g; MNI: 2; artifacts 1094 and 1095

**Feature 4378 fireplace**

Unit: AQ46 excavated in 2009  
 Period: archaic; Phase: 3

Description: Feature 4378 was a fireplace in the west of Unit AQ 46. It was of irregular shape. The maximum length was 116 cm from west to east and the maximum width was 88 cm from north to south. The bottom was irregular. The feature was at the maximum 8 cm thick. The filling material consisted of burned soil of dark brown-black color, mixed with abundant charcoal remains, ashes and abundant small and middle-sized stones and sparse plant remains.

Stratigraphic position: above: 4385; below: 4375  
 Location (closest features): north: 9897; east: 4381  
 On figure(s): Plan 3; Plan 4; Plan 5; Plan 6; Plan 7; Plan 8; Plan 9-11  
 Associated artifacts

Number	category	subdivision
1422	handstone	handstone (very big)-palette

Associated macrobotanical remains

taxon	topology	comp. rem.	fragment	total	weight (g)
Prosopis pallida	fruit		16	16	5
Phaseolus cf. lunatus	fruit		4	4	0,5
Lagenaria siceraria	seed	1	1	2	0,5

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Phaseolus lunatus seed 2 2 0,5  
 Associated vertebratae remains  
 mammalia: caviidae; 4 mandible fragments, 1 mandible fragment including one molar, 1 mandible fragment including three molars  
 Associated invertebratae remains  
*Cryphiops caementarius*; weight: 0 g, MNI: 1; no further information; the MNI was averaged; mentioned in the final inventory

**Feature 4379 pit**

Unit: AQ46 excavated in 2009 Group: Group\_04

Period: archaic; Phase: 3

Description: Feature 4379 was a pit in the southwest of a 1 m wide trench within the southern edge of Unit AQ 46 and was thus located in the southeast of Unit AQ 46. It was situated on the edge of the excavation unit and thus the southwestern edge of the feature is straight. The shape of the feature was irregular semioval, orientated from northwest to southeast. It was 42 cm long, 20 cm wide and 40 cm deep. The walls were vertical and the bottom plane. The pit was covered with two big stones. The filling material consisted of semi-compact to loose, middle-fine, humid soil of dark beige color, mixed with some gravel. The humidity originated from the close modern irrigation channel.

Stratigraphic position: above: 4382; below: 4377

Location (closest features): north: 4381; east: 4431

On figure(s): Plan 4; Plan 5; Plan 6; Plan 7

Associated invertebratae remains

Species	weight	MNI	artifact	comment
<i>Cryphiops caementarius</i>	1,1 g	1		

**Feature 4380 special finding**

Unit: AQ46 excavated in 2009

Period: archaic; Phase: 2

Description: Feature 4380 was a special finding in the southeast of Unit AQ 46. It consisted of a concentration of plant remains that were mixed with some fragments of textiles made of plant fibers, strings and humid soil of dark beige color and remains of charcoal and ashes. The concentration covered an irregular circular area, with a diameter of 72 cm. The material was very fragile.

Stratigraphic position: above: 4382; below: 4381

Location (closest features): north: 4382; east: 9860; south: 4382; west: 4382

On figure(s): Plan 4; Plan 6

Associated artifacts

Number	category	subdivision
846	cord	tressed cord
847	twined	open simple twining
848	looped	nd
849	cord	simple cord
850	cord	simple cord
1416	handstone	handstone (very small)
1493	bottle gourd epicarp	bottle gourd vessel

Associated macrobotanical remains

taxon	topology	comp. rem.	fragment	weight (g)	artifact
POACEAE	leaf		1	2	
Pachyrhizus sp.	root		12	4	
Lagenaria siceraria	fruit		4	6	1493
Phaseolus lunatus	fruit	2	24	10	
MAGNOLIOPSIDA	leaf		1	2	
Typha sp.	leaf		3	20	

## Associated invertebratae remains

Species	weight	MNI	artifact	comment
<i>Choromytilus chorus</i>	2,3 g	1		

**Feature 4381** fireplace

Unit: AQ46 excavated in 2009

Period: archaic; Phase: 3

Description: Feature 4381 was a burned zone located in the east of Unit AQ 46. It was detected as a second level of Feature 4377. It was steeply inclined from northwest to southeast. The shape was irregular oval orientated from northwest to southeast, but cut on the edge of Unit AQ 46. It was 200 cm long and 164 cm wide. The thickness varied between 3 cm in the northwest and 9 cm in the southeast. The material consisted of loose, burned soil of dark color, mixed with abundant charcoal, plant remains, gravel and middle-sized stones.

Stratigraphic position: above: 4380; 9898; below: 4377

Location (closest features): east: 4431; west: 4378

On figure(s): Plan 5

## Associated artifacts

Number	category	subdivision
1159	bead	discoidal shell bead
1356	cutting tool	cutting tool
1357	percussor	hammerstone
1494	bottle gourd epicarp	bottle gourd vessel

## Associated macrobotanical remains

taxon	topology	comp. rem.	fragment	weight (g)	artifact
<i>Pachyrhizus</i> sp.	root		2	0,5	
<i>Lagenaria siceraria</i>	fruit		4	5	1494
<i>Phaseolus lunatus</i>	fruit		11	3	
<i>Prosopis pallida</i>	fruit	5		2	
<i>Phaseolus vulgaris</i>	fruit		1	1	
<i>Ipomoea batatas</i>	root	2		3	
<i>Phaseolus lunatus</i>	seed	4		3	

**Feature 4382** occupation layer

Unit: AQ46 excavated in 2009

Period: archaic; Phase: 2

Description: Feature 4382 was an occupation layer in the southern and eastern part of Unit AQ 46. It was inclined from northwest to southeast. The occupation layer had an irregular shape. The maximum length was 425 cm from northwest to southeast and the maximum width was 241 cm from northeast to southwest. The thickness varied between 5 and 22 cm. The material consisted of semi-compact to loose, fine soil of beige-greyish to yellowish color, mixed with abundant plant remains, charcoal, gravel and middle-sized stones.

Stratigraphic position: above: 4384; below: 4379; 4380; 4383

Location (closest features): east: 4040; west: 9903

On figure(s): Plan 4; Plan 5; Plan 6; Plan 7

## Associated artifacts

Number	category	subdivision
964	knotted	wide grided (regular)
966	cord	simple cord
967	cord	simple cord
968	cord	simple cord
969	cord	simple cord
970	cord	simple cord
971	cord	simple cord
972	cord	simple cord
973	cord	simple cord

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974	cord	simple cord
975	cord	simple cord
976	cord	simple cord
977	cord	simple cord
978	cord	simple cord
979	cord	simple cord
980	cord	simple cord
981	cord	complex cord
982	cord	tressed cord
983	cord	simple cord
984	twined	open simple twining
985	bottle gourd epicarp	bottle gourd vessel
986	plant fibers	plant fibers
1092	bead	oval shell bead
1093	bead	oval shell bead
1207	split wood	trimmed-pointed
1208	split wood	trimmed split wood
1448	mortar	mortar
1449	handstone	handstone (big)-percussor
1450	ground stone	(small)-percussor-anvil
1451	handstone	medium, percussor spherical
1452	scraper	scraper
1453	handstone	(very big)-percussor
1454	percussor	hammerstone spherical
1455	percussor	hammerstone
1500	bottle gourd epicarp	bottle gourd vessel

Associated radiocarbon samples

Sample	material	size (mg)	radiocarbon age (BP)	±	delta13 ‰
Hd-30090	charcoal	16,7	4553	38	-26,4

Associated macrobotanical remains

taxon	topology	comp. rem.	fragment	weight (g)	artifact
POACEAE	stem		1	3	
Pachyrhizus sp.	root		5	1	
Lagenaria siceraria	fruit		1	2	985
Lagenaria siceraria	fruit		40	28	1500
cf. Cucurbita	fruit		2	1	
cf. Paspalum sp.	fruit		1	0,5	
Phaseolus vulgaris	fruit		1	0,5	
Phaseolus lunatus	fruit	9	16	18	
Prosopis pallida	fruit	13	16	23	
Canavalia sp.	fruit		1	2	
Lagenaria siceraria	stem	5		1	
CUCURBITACEAE	cf. stem		1	0,5	
Ipomoea batatas	root		2	9	
MAGNOLIOPSIDA	stem		2	3,5	
Prosopis pallida	seed	4		0,5	
Gynerium sagittatum	stem		2	11	
ND	n.d.		1	0,5	
Phaseolus lunatus	seed	4	1	2	
Phaseolus vulgaris	seed	1		0,5	
Equisetum giganteum	stem	2		1	

## Associated invertebratae remains

Species	weight	MNI	artifact	comment
<i>Choromytilus chorus</i>	1,8 g	1		
<i>Cryphiops caementarius</i>	1,8 g	1		
<i>Fissurella</i> sp.	0,2 g	2	1092; 1093	

**Feature 4383** post hole

Unit: AQ46 excavated in 2009 Group: Group\_04

Period: archaic; Phase: 3

Description: Feature 4383 was a post hole in the west of Unit AQ 46. It was of regular oval shape, orientated from west to east. It was 16 cm long, 13 cm wide and 12 cm deep. The walls were vertical and the bottom concave. The filling material consisted of loose, fine soil of dark beige-black color, mixed with some gravel, charcoal remains and some plant remains.

Stratigraphic position: above: 4382; below: 4377

Location (closest features): north: 4378; east: 4381

On figure(s): Plan 4; Plan 5; Plan 6

**Feature 4384** burned zone

Unit: AQ46 excavated in 2009

Period: archaic; Phase: 2

Description: Feature 4384 was a burned zone on top of Feature 4385. It was located in the eastern part of Unit AQ 46, shaped irregular and inclined from west to east. It had a maximum length of 310 cm from northeast to southwest and a maximum width of 137 cm. The thickness varied between 9 and 4 cm. The material consisted of loose, burned soil mixed with abundant charcoal, few plant remains, gravel and middle-sized stones. Within the material some lenses of beige to brown soil were found.

Comments: No connecting feature was located in Units 5 and 6. Thus the feature was probably very thin and running out more or less corresponding with the edge of Unit AQ 46.

Stratigraphic position: above: 4385; below: 4382

Location (closest features): east: 4040; west: 4388

On figure(s): Plan 3; Plan 5; Plan 6; Plan 7

## Associated artifacts

Number	category	subdivision
845	cord	simple cord
1496	bottle gourd epicarp	bottle gourd vessel

## Associated radiocarbon samples

Sample	material	size (mg)	radiocarbon age (BP)	±	delta13 ‰
MAMS-13595	seeds	1	4481	27	-26,5

## Associated macrobotanical remains

taxon	topology	fragment	total	weight (g)	artifact
<i>Lagenaria siceraria</i>	fruit	1	1	0,5	1496

**Feature 4385** occupation layer

Unit: AQ46 excavated in 2009

Period: archaic; Phase: 1

Description: Feature 4385 is an occupation layer located in the east and south Unit AQ 46. It is inclined from northwest to southeast and distributed irregular in the complete east and south of Unit AQ 46. Some features were located in the surface. On the eastern edge of Unit AQ 46 it was connectable to Feature 4043 in Unit 5 and Features 4437-2/4437-1 in Unit 6. The maximum length was 530 cm from northwest to southeast and the maximum width was 310. The occupation layer was just excavated in the southwestern trench of 1 m width within Unit AQ 46. The rest of the occupation layer was left unexcavated. The occupation layer was in the excavated part very thin with a thickness of 3 to 5 cm. The material consisted of fine, semi-compact soil of grey color, mixed with plant remains, charcoal and some gravel.

Comments: Even though the descriptions of the materials diverges slightly, the connection to Feature 4043 is clear by comparing the northeastern profile of Unit AQ 46 with the west profile of Unit 5. The connection to Features 4437-1/4437-2 in Unit 6 was testified by evaluating the photographs and the drawings and is verified by the connection between Feature 4043 and Features 4437-1/-2.

Stratigraphic position: above: 4392; 4394; 9899; 9900; 9907; 9909; 9910; ; below: 4378; 4384; 9898; forms one with: 4043-1; 4043-2; 4437-1; 4437-2

Location (closest features): east: 4437-2

On figure(s): : Plan 1-4; Plan 5; Plan 6; Plan 7; Plan 8; Plan 9-11

Associated artifacts

Number	category	subdivision
1089	bead	discoidal shell bead
1366	handstone	handstone (very small) circular

**Feature 4386 pit**

Unit: AQ46 excavated in 2009 Group: Group\_05

Period: archaic; Phase: 2

Description: Feature 4386 was a pit in the northwest of Unit AQ 46. It was situated on the northeastern edge of the excavation unit, thus the northeastern edge of the feature is straight. The remaining feature is of irregular oval shape, orientated from north to south. It was 72 cm long, 53 cm wide and 30 cm deep. The walls were steep and the bottom concave. The filling material consisted of loose, middle-fine, humid soil of dark beige color, mixed with some gravel, sparse plant remains and some charcoal fragments.

Comments: Originally interpreted as a storage pit.

Stratigraphic position: above: 9903; below: 9897

Location (closest features): east: 9903; south: 9903; west: 9903

On figure(s): Plan 6-11

**Feature 4387 storage pit**

Unit: AQ46 excavated in 2009 Group: Group\_05

Period: archaic; Phase: 2

Description: Feature 4387 was a storage pit in the northern part of Unit AQ 46. It was of regular oval shape, orientated from west to east. It was 56 cm long, 46 cm wide and 15 cm deep. The shape of the walls was not reported. The filling material consisted of loose, middle-fine, humid soil of dark beige color, mixed with abundant gravel and middle-sized stones, abundant plant remains and some charcoal fragments.

Stratigraphic position: above: 9903; below: 9897

Location (closest features): north: 9903; east: 4384; south: 4282; west: 9903

On figure(s): Plan 6-11

Associated artifacts

Number	category	subdivision
1197	split wood	trimmed split cane
1498	bottle gourd epicarp	bottle gourd vessel

Associated macrobotanical remains

taxon	topology	comp. rem.	fragment	weight (g)	artifact
Lagenaria siceraria	fruit		4	1	1498
Phaseolus vulgaris	seed	1		0,5	
Phaseolus lunatus	fruit		10	4	
Prosopis sp./Acacia sp.	fruit		1	0,5	
FABACEAE	fruit	1		0,5	
Lagenaria siceraria	stem		1	0,5	
cf. SOLANACEAE	stem	1		0,5	
Phaseolus lunatus	seed	2		0,5	
MAGNOLIOPSIDA	fruit	1		1	
CUCURBITACEAE	stem		1	1	
CUCURBITACEAE	seed	6		0,5	

Lagenaria siceraria	seed	5	0,5
Prosopis pallida	seed	30	1
Associated vertebratae remains			
ND: ND; 5 very small bone fragments			

**Feature 4388**      **occupation layer**

Unit: AQ46      excavated in 2009

Period: archaic; Phase: 0

Description: Feature 4388 was an occupation layer in Unit AQ 46. It was just excavated in a 1 m wide trench that was cut along the southwestern edge within Unit AQ 46. Feature 4388 was not covering the entire trench. Some features were intrusive. It was inclined from the northwest to the southeast. It was irregular shaped with a maximum length of 394 cm from northwest to the southeast and a maximum width of 100 cm, corresponding to the width of the trench in Unit AQ 46. In the northwestern part it was limited in the southwest by the uppermost filling material of a large pit (Feature 9917). The thickness varied between 2cm in the northwest and 15 cm in the southeast. The material consisted of semi-compact, fine soil of beige-greyish color, mixed with gravel, some plant remains and charcoal.

Comments: As Feature 4388 was just excavated in the test trench, no close feature in the north is given.

Stratigraphic position: above: 4390; 4391; 4395; 9901; 9904; 9905; 9906; below: 4392; 9899; 9900; 9907

Location (closest features): east: 9980; south: 4391

On figure(s): Plan 9

Associated artifacts

Number	category	subdivision
1090	bead	oval shell bead
1091	bead	oval shell bead

Associated radiocarbon samples

Sample	material	size (mg)	radiocarbon age (BP)	±	delta13 ‰
MAMS-13566	charcoal	6,9	4675	22	-25,2

Associated macrobotanical remains

taxon	topology	comp. rem.	fragment	total	weight (g)
Prosopis pallida	fruit		5	5	0,5
Prosopis pallida	seed	21		21	1,5

Associated invertebratae remains

*Choromytilus chorus*; weight: 0 g; MNI: 1; no further information; MNI was averaged; mentioned in the final inventory

*Cryphiops caementarius*; weight: 0 g; MNI: 1; no further information; MNI was averaged; mentioned in the final inventory

*Fissurella* sp.; weight: 0,2 g; MNI: 2; artifacts 1090 and 1091

**Feature 4389**      **occupation layer**

Unit: AQ46      excavated in 2009

Period: archaic; Phase: 0

Description: Feature 4389 was an occupation layer. It was located with in the central part of the trench within the southwestern edge of Unit AQ 46 and thus located in the central south of Unit AQ 46. It had an irregular shape and was slightly inclined from northwest to southeast. In the west it was partly covering the uppermost filling material of a probable, but not excavated large pit (Feature 9915). The maximum length was 273 cm from northwest to southeast and 100 cm from southwest to northeast, corresponding to the width of the trench. It was 8 cm thick. The filling material consisted of semi-compact, fine soil of light beige-yellowish color, mixed with gravel and charcoal. Some features were located within the surface. The Feature was due to the trench in the area only partly excavated.

Stratigraphic position: above: 9902; below: 4390; 4395; 9901; 9904; 9905; 9906

Location (closest features): east: 4491; south: 4391; west: 4391

On figure(s): Plan 10; Plan 11

Associated artifacts

Number	category	subdivision
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1499	bottle gourd epicarp	bottle gourd vessel				
Associated radiocarbon samples						
Sample	material	size (mg)	radiocarbon age (BP)	±	delta13 ‰	
MAMS-13568	charcoal	8,3	4653	23	-31,3	
Associated macrobotanical remains						
taxon	topology	comp. rem.	fragment	weight (g)	artifact	
Lagenaria siceraria	fruit		1	0,5	1499	
Prosopis pallida	fruit		7	1		
Prosopis pallida	seed	8		0,5		

**Feature 4390 storage pit**

Unit: AQ46 excavated in 2009 Group: Group\_09

Period: archaic; Phase: 0

Description: Feature 4390 was a storage pit in the central northern part of the trench within the southern edge of Unit AQ 46 and thus located in the central part of Unit AQ 46. The northeastern edge of the feature corresponded with the edge of the trench and was thus straight. The remaining feature was of irregular semioval shape, orientated from northwest to southeast. It was 59 cm long, 31 cm wide and 40 cm deep. The walls were vertical and the bottom plane. The filling material consisted of loose, fine soil of beige color, mixed with abundant plant remains (especially huarango fruits), gravel and some charcoal remains.

Comments: The plant remains of this feature were not analysed.

Stratigraphic position: above: 4389; below: 4388

Location (closest features): east: 4389; south: 4389; west: 4391

On figure(s): Plan 10; Plan 11

Associated artifacts

Number	category	subdivision
935	cord	simple cord
936	cord	simple cord
937	cord	simple cord
938	cord	simple cord

Associated invertebratae remains

Species	weight	MNI	artifact	comment
<i>Cryphiops caementarius</i>	0,1 g	1		

**Feature 4391 filling layer**

Unit: AQ46 excavated in 2009 Group: St\_13

Period: archaic; Phase: 0

Description: Feature 4391 was a filling layer within a probable large pit (Feature 9915) and thus located in the southwest of Unit AQ 46. It was due to the location of the large pit not entirely excavated. Just the uppermost 10 cm were recovered. The material covered the entire exposed part of the probable large pit. Thus the maximum length of the distribution was 298 cm from northwest to southeast and the maximum width was 98 cm from northeast to southwest. The material was excavated until a depth of 10 cm. The excavation stopped there. The filling material consisted of semi-compact, fine soil of dark beige color, mixed with abundant plant remains.

Comments: The filling layer was not entirely excavated. It was located on the edge of a wall of the ceramic occupation.

The assumed larger part of it is probably located below the unexcavated part.

Stratigraphic position: above: 9915; below: 4388

Location (closest features): east: 4392; south: 4395

On figure(s): 37d; 38d

Associated artifacts

Number	category	subdivision
821	cord	simple cord
822	cord	simple cord
823	cord	simple cord
824	cord	simple cord

825	plant fibers	plant fibers
826	twined	open simple twining
827	cord	simple cord
828	cord	simple cord
829	plant fibers	plant fibers
830	twined	open simple twining
831	twined	open simple twining
832	cord	tressed cord
833	cord	simple cord
834	cord	simple cord
835	cord	simple cord
836	cord	simple cord
837	cord	simple cord
838	plant fibers	plant fibers
839	cord	simple cord
1087	pendant	nd
1088	bead	oval shell bead
1274	split wood	trimmed split wood
1275	pointed wood	trimmed, worn end
1276	scantling	pointed scantling
1277	split wood	double pointed, worn ends
1502	bottle gourd epicarp	bottle gourd vessel

Associated radiocarbon samples

Sample	material	size (mg)	radiocarbon age (BP)	±	delta13 ‰
Hd-30064	charcoal	14,2	4457	22	-25,8

Associated macrobotanical remains

taxon	topology	comp. rem.	fragment	weight (g)	artifact
Pachyrhizus sp.	root		4	2	
Lagenaria siceraria	fruit		37	22	1502
Phaseolus lunatus	fruit		6	2	
Prosopis pallida	fruit	7	18	16	
cf. Paspalum sp.	stem and leaves	1		20	
Ipomoea batatas	root	2	3	10	
POACEAE	stem		1	1	
CYPERACEAE	stem		1	8	825
POACEAE	leaf		1	4	839
Phaseolus lunatus	seed	1		0,5	
Zea mays	stem		1	1	

Associated vertebratae remains

aves: indeterminate; 4 fragments of sternum

Associated invertebratae remains

Species	weight	MNI	artifact	comment
<i>Fissurella</i> sp.	0,2 g	1	1088	

**Feature 4392**      **post hole**

Unit: AQ46      excavated in 2009 Group: Group\_07

Period: archaic; Phase: 0

Description: Feature 4392 was a post hole in the central northern part of the trench within the southern edge of Unit AQ 46 and thus located in the central part of Unit AQ 46. It was circular with a diameter of 10 cm and a depth of 6 cm. The walls were steep and the bottom concave. The filling material consisted of loose, fine soil of dark beige color, mixed with some small stones, small plant remains and few charcoal remains.

Stratigraphic position: above: 4388; below: 4385

Location (closest features): north: 4388; east: 4390; south: 4391; west: 4391

On figure(s): Plan 9-11

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Associated radiocarbon samples

Sample	material	size (mg)	radiocarbon age (BP)	±	delta13 ‰
MAMS-13567	charcoal	5	4639	23	-28,6

Associated vertebratae remains

mammalia: rodentia; 6 fragments of flat bone

**Feature 4393 use floor**

Unit: AQ46 excavated in 2009

Period: archaic; Phase: 0

Description: Feature 4393 was small layer and represented probably the remains of a use floor. It was located in the southeastern end of the 1 m wide trench in the southwestern edge of Unit AQ46 and thus in the southeast of Unit AQ 46. The remain was irregular shaped and slightly inclined from the northwest to the southeast. It had a maximum length of 139 cm from northwest to southeast and a maximum width of 100 cm, corresponding to the width of the trench. The thickness was not reported, but was probably relatively thin. The material consisted of semi-compact, fine soil of dark grey color, mixed with gravel. Some features were located within the surface.

Stratigraphic position: above: 9908; 9914; below: 4394; 9909; 9910; 9911; 9912; 9913

Location (closest features): east: 4491; west: 9901

On figure(s): Plan 9; Plan 10

**Feature 4394 storage pit**

Unit: AQ46 excavated in 2009 Group: Group\_06

Period: archaic; Phase: 0

Description: Feature 4394 was a storage pit in the southeast of the 1 m wide trench within the southern edge of Unit AQ 46 and thus located in the southeast of Unit AQ 46. It was of circular shape with a diameter of 41 cm and a depth of 20 cm. The walls were vertical and the bottom was plane. The filling material consisted of loose, fine soil of dark beige color, mixed with some gravel, plant remains and some charcoal remains.

Stratigraphic position: above: 4393; below: 4385

Location (closest features): north: 9912; east: 4393; south: 4393; west: 9913

On figure(s): Plan 9-11

Associated macrobotanical remains

taxon	topology	comp. rem.	fragment	total	weight (g)
<i>Prosopis pallida</i>	seed	2	2	4	0,5

Associated invertebratae remains

*Cryphiops caementarius*; weight: 0 g; MNI: 1; no further information; MNI was averaged; mentioned in the final inventory

**Feature 4395 storage pit**

Unit: AQ46 excavated in 2009 Group: Group\_09

Period: archaic; Phase: 0

Description: Feature 4395 was a storage pit in the center of the trench within the southern edge of Unit AQ 46 and thus located in the south of Unit AQ 46. It was of oval shape, orientated from northwest to southeast. It was 34 cm long, 30 cm wide and 19 cm deep. The shape of the walls was not reported. The filling consisted of loose, fine soil of dark beige color, mixed some small stones, plant remains and few charcoal remains.

Stratigraphic position: above: 4389; below: 4388

Location (closest features): north: 4389; east: 9904; south: 4391; west: 4391

On figure(s): Plan 10; Plan 11

Associated artifacts

Number	category	subdivision
958	cord	simple cord
1509	bottle gourd epicarp	bottle gourd vessel

Associated macrobotanical remains

taxon	topology	comp. rem.	fragment	weight (g)	artifact
MAGNOLIOPSIDA	seed		1	0,5	

Lagenaria siceraria	fruit		3	5	1509
Prosopis pallida	fruit		14	4	
Phaseolus cf. lunatus	fruit	3	25	7	
MAGNOLIOPSIDA	stem		2	1	
Schinus molle	fruit	1		0,5	
cf. EUPHORBIACEAE	fruit	1		0,5	
Prosopis pallida	seed	159	50	6	

Associated vertebratae remains  
 ND: ND; 3 flat bones

Associated invertebratae remains

*Cryphiops caementarius*; weight: 0 g; MNI: 1; no further information; MNI was averaged; mentioned in the final inventory

**Feature 4396 layer**

Unit: AQ46 excavated in 2009

Period: ceramic; Phase: ceramic

Description: layer of the ceramic occupation; located in the east of Unit AQ46; consists of semi-compact, granular soil of light beige color; mixed with abundant stones and gravel; mixed with some fire marks

Stratigraphic position: above: 9880; 9881; 9882; below: 4371

**Feature 4401 modern surface**

Unit: 6 excavated in 2009

Period: modern; Phase: modern

Description: modern surface in Unit 6; excavated in 2009; located in the northeast of Unit 6; consists of loose, fine sand of beige-greyish color; mixed with gravel, rubble and some bigger stones; some small concentrations of twigs and huarango leaves were found; in the central northern part some adobe bricks were located

Stratigraphic position: above: 4402; 4404; forms one with: 2968; 2974; 3101; 3140; 3216

**Feature 4402 layer**

Unit: 6 excavated in 2009

Period: ceramic; Phase: ceramic

Description: layer of the ceramic occupation; located in the west of Unit 6 (campaign of 2009); consists of loose, fine soil of light beige color; mixed with some middle-sized stones and abundant gravel

Stratigraphic position: above: 4405; 4406; 4408; 4409; below: 4401

**Feature 4404 wall remain**

Unit: 6 excavated in 2009

Period: ceramic; Phase: ceramic

Description: wall remain of the ceramic occupation; located in the central northern part of Unit 6 (campaign of 2009); consists of a concentration of adobe bricks in various sizes

Stratigraphic position: above: 4410; below: 4401

**Feature 4405 floor**

Unit: 6 excavated in 2009

Period: ceramic; Phase: ceramic

Description: floor of the ceramic occupation; located in the entire Unit 6 (campaign 2009); consists of loose, fine soil of dark beige color; mixed very much with abundant gravel and middle-sized stones; mixed as well with some irregular distributed small patches of light beige-yellowish soil; in the eastern part charcoal concentration and a slightly change towards orange in the material color

Stratigraphic position: above: 4410; 4411; 4412; 4413; 4414; below: 4402

Associated radiocarbon samples

Sample	material	size (mg)	radiocarbon age (BP)	±	delta13 ‰
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MAMS-13570 charcoal 4,5 3245 23 -30,1

**Feature 4406 wall remain**

Unit: 6 excavated in 2009

Period: ceramic; Phase: ceramic

Description: wall remain of the ceramic occupation; located in the southwest of Unit 6 (campaign 2009); consists of a remain of a adobe wall

Comments: was not removed

Stratigraphic position: below: 4402

**Feature 4408 disturbed burial**

Burial: 51 Unit: 6 excavated in 2009

Period: ceramic; Phase: ceramic

Description: Burial 51; a damaged burial of the ceramic occupation; no burial bit; human bones found directly within the material of Feature 4405; located in the

Stratigraphic position: above: 4410; below: 4402

**Feature 4409 stone concentration**

Unit: 6 excavated in 2009

Period: ceramic; Phase: ceramic

Description: stone concentration of the ceramic occupation; located in the northwest of Unit 6 (campaign of 2009); consists of a concentration of big stones; mixed with abundant gravel and some soil of dark beige color

Stratigraphic position: above: 4410; below: 4402

**Feature 4410 floor**

Unit: 6 excavated in 2009

Period: ceramic; Phase: ceramic

Description: floor of the ceramic occupation; located in the northwest and west of Unit 6 (campaign of 2009); consists of semi-compact, fine soil of dark beige color

Stratigraphic position: above: 4415; 4416; 4417; below: 4404; 4405; 4408; 4409

Associated radiocarbon samples

Sample	material	size (mg)	radiocarbon age (BP)	±	delta13 ‰
Hd-30121	charcoal	22,4	3864	22	-26,2

**Feature 4411 wall remain**

Unit: 6 excavated in 2009

Period: ceramic; Phase: ceramic

Description: wall remain of the ceramic occupation; located in the southeastern corner of Unit 6 (campaign of 2009); consists of compact, fine clay of dark grey color

Stratigraphic position: above: 4416; below: 4405

**Feature 4412 special finding**

Unit: 6 excavated in 2009

Period: ceramic; Phase: ceramic

Description: a finding of basketry remains of the ceramic occupation; located in the west of Unit 6 (campaign of 2009); consists of some parallel ordered and connected sticks

Stratigraphic position: above: 4416; below: 4405

**Feature 4413 plant concentration**

Unit: 6 excavated in 2009

Period: ceramic; Phase: ceramic

Description: a plant concentration of the ceramic occupation; located in the center of Unit 6 (campaign of 2009); consists of some vegetal remains, mainly of reed, lima beans and cotton; some human excrements were found as well  
 Stratigraphic position: above: 4416; below: 4405

**Feature 4414 occupation debris**

Unit: 6 excavated in 2009

Period: ceramic; Phase: ceramic

Description: occupation debris of the ceramic occupation; located in the south and center of Unit 6 (campaign of 2009); consists of soil of dark beige-brown color

Comments: description lost; informations taken from the drawings

Stratigraphic position: above: 4416; below: 4405

**Feature 4415 storage pit**

Unit: 6 excavated in 2009

Period: ceramic; Phase: ceramic

Description: plant concentration of the ceramic occupation; located in the northwest of Unit 6 (campaign of 2009); consists of a shallow zone filled with loose, fine soil of dark beige-brown color; mixed with some small gravel; mixed as well with some ashes and sandy soil; filled with sweetpotato remains

Stratigraphic position: above: 4419; below: 4410

Associated radiocarbon samples

Sample	material	size (mg)	radiocarbon age (BP)	±	delta13 ‰
MAMS-13573	charcoal	10,7	3480	23	-28,4

**Feature 4416 layer**

Unit: 6 excavated in 2009

Period: ceramic; Phase: ceramic

Description: filling layer of the ceramic occupation; located in the entire Unit 6 (campaign of 2009); consists of different zones of materials; in the west compact, fine soil of light beige-yellowish color, mixed with gravel; in the northwest a patch of soil of brown-orange color, mixed with gravel; in the north and northwest a patch of charcoal concentration; in the center a zone of semi-compact, muddy soil of dark brown color (produced by humidity); in the northeast soil of yellowish color, mixed with abundant gravel; in the center as well some loose, fine soil of brown-orange color, mixed with some fire marks; in the east of the the unit semi-compact to loose, fine soil of dark brown color, mixed with some gravel

Comments: no ceramic was found, but cotton remains, thus the layer is assigned to the ceramic occupation, as the material appears to present mixed material of the ceramic and preceramic occupation

Stratigraphic position: above: 4419; below: 4410; 4411; 4412; 4413; 4414

**Feature 4417 post hole**

Unit: 6 excavated in 2009

Period: ceramic; Phase: ceramic

Description: a post hole of the ceramic occupation; located in the north of Unit 6 (campaign of 2009) in the surface of Feature 4422; the filling material consists of loose, fine soil of light grey color; mixed with charcoal remains and some gravel

Stratigraphic position: above: 4422; 4424; below: 4410

**Feature 4419 layer**

Unit: 6 excavated in 2009

Period: ceramic; Phase: ceramic

Description: filling layer of the ceramic occupation; located in the west of Unit 6 (campaign of 2009); consists of semi-compact to loose, granular to fine soil of brown color and burned soil; mixed with small and middle-sized stones

Comments: no ceramic was found, but cotton remains, thus the layer is assigned to the ceramic occupation, as the material appears to present mixed material of the ceramic and preceramic occupation  
 Stratigraphic position: above: 4422; below: 4415; 4416

**Feature 4421 layer**

Unit: 6 excavated in 2009

Period: ceramic; Phase: ceramic

Description: layer of the ceramic occupation; located in west of Unit 6 (campaign of 2009); consists of semi-compact to loose, fine soil of brown-yellowish color; mixed with gravel and stones; the layer was connectable to a layer in Unit AQ46 (Feature 4374)

Comments: no ceramic was found, but cotton remains, thus the layer is assigned to the ceramic occupation, as the material appears to present mixed material of the ceramic and preceramic occupation

Stratigraphic position: above: 4429; 9851; 9852; below: 4423; 4424; 4425; 4426; forms one with: 4374

Associated radiocarbon samples

Sample	material	size (mg)	radiocarbon age (BP)	±	delta13 ‰
Hd-30122	charcoal	15,8	4526	27	-26,4

**Feature 4422 burned zone**

Unit: 6 excavated in 2009

Period: ceramic; Phase: ceramic

Description: a burned zone of the ceramic occupation; located in the northeast of Unit 6 (campaign of 2009); consists of semi-compact to loose, fine, burned soil; mixed with abundant gravel, grit and stones, some smaller fire marks and abundant remains of burned haulms

Comments: no ceramic was found, but cotton remains, thus the layer is assigned to the ceramic occupation, as the material appears to present mixed material of the ceramic and preceramic occupation;

Stratigraphic position: above: 4423; 4425; 4426; below: 4417; 4419

**Feature 4423 pit**

Unit: 6 excavated in 2009

Period: ceramic; Phase: ceramic

Description: a small pit of the ceramic occupation; located in the northwest of Unit 6 (campaign of 2009), the filling material consists of loose, fine soil of beige color; mixed with vegetal remains and abundant gravel; on the bottom the remains of a bottle gourd were found

Comments: no ceramics were found, but stratigraphically Feature 4423 is assigned to the ceramic occupation

Stratigraphic position: above: 4421; below: 4422

**Feature 4424 post hole**

Unit: 6 excavated in 2009

Period: ceramic; Phase: ceramic

Description: a post hole of the ceramic occupation; located in the north of Unit 6 (campaign of 2009); the filling material consists of loose, fine soil of dark beige color; mixed with abundant charcoal remains and stones

Comments: no ceramics were found, but stratigraphically Feature 4424 is assigned to the ceramic occupation

Stratigraphic position: above: 4421; below: 4417

Associated radiocarbon samples

Sample	material	size (mg)	radiocarbon age (BP)	±	delta13 ‰
MAMS-13575	charcoal	9,3	4562	24	-25,9

**Feature 4425 post hole**

Unit: 6 excavated in 2009

Period: ceramic; Phase: ceramic

Description: a post hole in the center of the ceramic occupation; located in the center of Unit 6 (campaign of 2009);

the filling material consists of loose, fine soil of dark beige color; mixed with vegetal remains and some small stones  
 Comments: no ceramics were found, but stratigraphically Feature 4425 is assigned to the ceramic occupation  
 Stratigraphic position: above: 4421; below: 4422

.....  
**Feature 4426      fireplace**

Unit: 6    excavated in 2009  
 Period: ceramic; Phase: ceramic  
 Description: fireplace of the ceramic occupation; located in the northwest of Unit 6 (campaign of 2009); consists of burned soil of dark color; mixed with abundant remains of ashes, charcoal and some small and middle sized-stones as well as some burned vegetal remains  
 Comments: no ceramic was found, but due to the stratigraphic situation Feature 4426 was assigned to the ceramic occupation as the material could be mixed  
 Stratigraphic position: above: 4421; below: 4422

.....  
**Feature 4429      occupation layer**

Unit: 6    excavated in 2009  
 Period: archaic; Phase: 4  
 Description: Feature 4429 was an occupation layer in Unit 6. It was located in the entire northeast of Unit 6, despite the parts damaged by older excavations in the north and the parts not excavated. It was connected with Feature 4377 in Unit AQ 46 and thus with Feature 4038 in Unit 5. It was inclined strongly from east to west and slightly from north to south. The maximum distribution corresponds with the area of the northeastern part of Unit 6 (5 x 4 m). The occupation layer was due to the inclination 26 cm thick in the west and 5 cm thick in the east. The material consisted of semi-compact to compact, middle-fine soil of grey-orange color. It was mixed with abundant plant remains, gravel and bigger stones and some charcoal. Above the western part a fine and thin burnt zone was located (Feature 9852), whereas above the eastern part a fine layer of muddy soil was located (Feature 9851).  
 Comments: The connection to Feature 4377 was clarified by evaluating the profile.  
 Stratigraphic position: above: 4430; 4431; 4437-1; 4437-2; 9854; 9855; ; below: 9851; 9852; forms one with: 4377  
 Location (closest features): west: 4377  
 On figure(s): Plan 1; Plan 2; Plan 3  
 Associated artifacts

Number	category	subdivision
743	plant fibers	plant fibers
744	plant fibers	plant fibers
745	plant fibers	plant fibers
746	plant fibers	plant fibers
747	plant fibers	plant fibers
748	plant fibers	plant fibers
749	plant fibers	plant fibers
750	cord	simple cord
751	cord	simple cord
752	cord	simple cord
753	cord	simple cord
754	cord	simple cord
755	cord	simple cord
756	knotted	nd
757	cord	simple cord
758	cord	simple cord
759	cord	simple cord
760	looped	nd
761	cord	simple cord
762	cord	simple cord
763	cord	simple cord
764	cord	simple cord

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765	cord	simple cord
766	cord	simple cord
767	cord	simple cord
768	cord	simple cord
769	cord	simple cord
770	cord	simple cord
771	cord	simple cord
772	cord	simple cord
773	cord	simple cord
774	cord	simple cord
775	cord	simple cord
776	cord	simple cord
777	cord	simple cord
778	cord	tressed cord
779	cord	tressed cord
780	cord	simple cord
781	cord	simple cord
782	cord	simple cord
783	twined	open simple twining
784	twined	open simple twining
786	twined	open simple twining
787	twined	open simple twining, continuous weft
788	bottle gourd epicarp	bottle gourd vessel cap
789	twined	open simple twining
790	plant fibers	plant fibers
791	twined	open simple twining
792	bottle gourd epicarp	bottle gourd vessel
807	plant fibers	plant fibers
957	cord	tressed cord
1012	looped	figure-8 looping
1013	looped	simple looping dense
1021	bottle gourd epicarp	bottle gourd vessel
1022	fur cap	fur cap
1044	pendant	flat bone pendant
1054	pendant	snail shell pendant
1117	bead	oval shell bead
1118	bead	oval shell bead
1119	bead	oval shell bead
1120	bead	oval shell bead
1121	bead	oval shell bead
1122	bead	oval shell bead
1123	bead	oval shell bead
1124	bead	oval shell bead
1125	bead	oval shell bead
1126	bead	oval shell bead
1127	bead	discoidal shell bead
1128	bead	discoidal shell bead
1129	bead	discoidal bead
1173	spindle whorl	spindle whorl
1174	spindle whorl	spindle whorl
1209	split wood	trimmed split wood
1210	split wood	trimmed split wood
1211	split wood	trimmed split wood
1212	split wood	trimmed split wood

1213	split wood	trimmed split wood			
1214	split wood	trimmed-pointed, worn end			
1215	split wood	trimmed split wood			
1216	split wood	trimmed split wood			
1217	scantling	scantling			
1218	split wood	trimmed split wood			
1219	pointed wood	trimmed-pointed wood			
1220	split wood	trimmed split wood			
1221	split wood	trimmed-pointed, worn end			
1222	scantling	scantling			
1223	scantling	scantling			
1224	split wood	trimmed-pointed, worn end			
1225	split wood	trimmed split wood			
1226	split wood	trimmed split wood			
1227	split wood	trimmed split wood			
1228	split wood	trimmed split wood			
1229	split wood	trimmed-pointed split wood (worn end)			
1230	split wood	trimmed split wood			
1231	split wood	trimmed split wood			
1232	split wood	trimmed split wood			
1233	trimmed wood	trimmed wood (worn end)			
1234	split wood	trimmed-pointed, worn end			
1235	split wood	trimmed split wood			
1236	split wood	pointed split cane			
1237	split wood	trimmed, worn ends			
1238	split wood	trimmed, worn end			
1239	split wood	trimmed split wood			
1240	split wood	trimmed, with gauge			
1241	split wood	trimmed split wood			
1242	split wood	trimmed, worn ends			
1243	split wood	trimmed, worn end	1244	scantling	scantling
1245	split wood	pointed split wood			
1246	split wood	trimmed split wood			
1247	split wood	trimmed split wood			
1248	scantling	scantling			
1249	split wood	trimmed split wood			
1250	split wood	trimmed-pointed, worn end			
1251	scantling			scantling	
1252	split wood	trimmed split wood			
1253	split wood	trimmed split wood			
1254	split wood	trimmed-pointed, worn end	1255		split wood trim-
	med split wood				
1256	split wood	trimmed split wood			
1257	split wood	trimmed-pointed split wood			
1258	split wood	trimmed split wood			
1259	split wood	trimmed split wood			
1260	scantling	pointed			
1261	split wood	trimmed split wood			
1262	split wood	trimmed split wood			
1263	split wood	trimmed split wood			
1264	pointed wood	forked branch (worn end)			
1265	split wood	board			
1280	tied up wood	wrapped wood			
1281	tied up wood	wrapped wood			

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1282	tied up wood	wrapped wood
1283	pointed wood	wrapped wood
1284	split wood	trimmed split wood
1285	split wood	trimmed-pointed, worn end
1286	split wood	trimmed-pointed, worn end
1287	trimmed wood	trimmed wood (worn end)
1288	pointed wood	forked branch (worn ends)
1289	pointed wood	trimmed, thin
1290	pointed wood	trimmed-pointed wood
1291	trimmed wood	trunk attachment
1292	trimmed wood	trunk attachment
1293	split wood	trimmed split wood
1294	trimmed wood	trimmed wood (worn end)
1295	trimmed wood	trimmed wood (worn end)
1296	trimmed wood	trimmed wood
1297	trimmed wood	trimmed wood
1298	trimmed wood	trimmed wood (worn end)
1299	trimmed wood	trimmed wood (worn end)
1300	split wood	trimmed, worn end
1301	pointed wood	trimmed, worn end
1318	cutting tool	cutting tool
1319	ground stone	(small)-percussor
1522	bottle gourd epicarp	bottle gourd vessel
1523	bottle gourd epicarp	bottle gourd vessel
1524	bottle gourd epicarp	bottle gourd vessel
1525	bottle gourd epicarp	bottle gourd vessel

Associated radiocarbon samples

Hd-30123; charcoal; 45,6mg; 4518±25; delta13 ‰: -26,9

Associated macrobotanical remains

taxon	topology	comp. rem.	fragment	weight (g)	artifact
MAGNOLIOPSIDA	stem		1	12	790
Pachyrhizus sp.	root		6	5	
Lagenaria siceraria	fruit		1	1	788
Lagenaria siceraria	fruit		88	101	792; 1522-1525
Lagenaria siceraria	fruit		1	165	1021
MAGNOLIOPSIDA	stem		8	13	
Prosopis pallida	seed	1644	2133	165	
MAGNOLIOPSIDA	leaf		4	3	
POACEAE	flower		2	0,5	
Typha sp.	flower		1	2	
cf. Paspalum sp.	fruit		1	0,5	
Phaseolus lunatus	fruit	11	10	14	
Prosopis pallida	fruit	22	29	31	
Prosopis sp./Acacia sp.	fruit		1	0,5	
ND	n.d.		1	6	
Lagenaria siceraria	stem	2	2	0,5	
CUCURBITACEAE	stem		1	0,5	
Salix sp.	leaf		1	0,5	
Ipomoea batatas	root	18	22	116	
Typha sp.	stem		1	5	
Canna indica	root		1	12	
cf. CYPERACEAE	stem	21	21	4	
POACEAE	stem		1	2	
Prosopis pallida	seed	178	178	11	

CYPERACEAE	stem		2	30	786
MAGNOLIOPSIDA	stem		1	13	787
CYPERACEAE	stem		1	1	781
MAGNOLIOPSIDA	stem		2	1	763
POACEAE	stem and leaves		1	70	807
Typha sp.	leaf		1	0,5	807
MAGNOLIOPSIDA	stem		2	0,5	807
Salix sp.	stem and leaves		1	1	749
Tessaria integrifolia	stem and leaves		1	7	
Tessaria integrifolia	stem		2	8	
Gynerium sagittatum	stem		1	4	
Typha sp.	leaf		1	1	
cf. AGAVACEAE	cf. leaf		1	6	
Lagenaria siceraria	seed	186	10	30	
Tessaria integrifolia	leaf	1		0,5	
Psidium guajava	fruit		1	1	
cf. EUPHORBIACEAE	fruit	118		10	
Cucurbita sp.	seed	13	4	2	
Phaseolus lunatus	seed	98	66	67	
CUCURBITACEAE	seed	55	1	8	
Schinus molle	fruit	2		0,5	
Phaseolus vulgaris	seed	15	1	2	
POACEAE	leaf		1	0,5	
LILIOPSIDA	leaf		1	0,5	

Associated vertebratae remains

mammalia: camelidae or cervidae; artifact 1044, 1 costa fragment  
 mammalia: indeterminate; 17 fragments of flat bone, 31 fragments of long bone  
 mammalia: rodentia; 1 dark colored proximal epiphysis of femur, 1 dark colored pelvis  
 mammalia: caviidae; 4 fragments of cranium, 1 right pelvis, 1 left pelvis, 1 tibia diaphysis  
 mammalia: caviidae; 1 proximal epiphysis of tibia  
 mammalia: camelidae (?); artifact 1022, skin and hairs  
 mammalia: indeterminate; skin and hairs  
 ND: ND; 1 otolith

Associated invertebratae remains

*Argopecten purpuratus*; weight: 0 g; MNI: 1; no further information; MNI was averaged; mentioned in the final inventory  
*Choromytilus chorus*; weight: 0 g; MNI: 1; no further information; MNI was averaged; mentioned in the final inventory  
*Cryphiops caementarius*; weight: 0 g; MNI: 1; no further information; MNI was averaged; mentioned in the final inventory  
*Colisella* sp.; weight: 6,3 g; MNI: 1; artifact 1054  
*Fissurella* sp.; weight: 1,2 g; MNI: 10; artifacts 1117-1126

**Feature 4430 fireplace**

Unit: 6 excavated in 2009

Period: archaic; Phase: 4

Description: Feature 4430 was a fireplace in the northeast of Unit 6. It was of irregular oval shape, orientated from northwest to southeast. It was 142 cm long, 64 cm wide and 6 cm deep. The bottom was irregular. The filling material consisted of burned soil of dark-black color, mixed with abundant charcoal remains, ashes, some gravel and small and middle-sized stones.

Stratigraphic position: above: 4434; 4435; below: 4429

Location (closest features): north: 4090; east: 9853; west: 9854

On figure(s): Plan 4

Associated artifacts

Number	category	subdivision
1103	bead	oval shell bead

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1419	ground stone	(small)-percussor
1420	handstone	medium, percussor-palette
1421	handstone	big, squashing stone-palette

Associated vertebratae remains

aves: indeterminate; 2 flat bones, 21 long bones  
 aves: indeterminate; 1 burned caracoid, 3 burned phalanges, 3 terminal phalanges (claw part)  
 mammalia: caviidae; burned parts of left pelvis (acetabulum and ischium)  
 ND: ND; 50 fragments of burned indeterminate bones

Associated invertebratae remains

*Cryphiops caementarius*; weight: 0 g; MNI: 1; no further information; the MNI was averaged; mentioned in the final inventory  
*Fissurella* sp.; weight: 0,1g; MNI: 1; artifact 1103

.....  
**Feature 4431      occupation layer**

Unit: 6    excavated in 2009

Period: archaic; Phase: 3

Description: Feature 4431 was the remain of an occupation layer in Unit 6. It was located in the northeastern central part of Unit 6. It was slightly inclined from west to east. Within the surface different features, especially fireplaces, were located. It was irregularly distributed and mainly found in the east and south of the excavated part of the unit in the campaign of 2009. The maximum length was 631 cm from east to west and the maximum width was 462 cm from north to south. The thickness was between 29 cm in the western part and 9 cm in the eastern part. The filling material consisted of muddy, semi-compact to loose, finesoil of yellow-orange color, mixed with some gravel, plant material and few charcoal. Some lenses of sandy soil were located within the material. The material was relatively humid due to the modern irrigation channel in the east.

Stratigraphic position: above: 4438; 4474; 4475; 4477; 9856; 9857; 9859; ; below: 4429; 4435; 9854; 9855

Location (closest features): north: 9925; west: 4381

On figure(s): 40c; : Plan 1-4; Plan 5

Associated artifacts

Number	category	subdivision
943	bottle gourd epicarp	bottle gourd vessel cap
944	twined	open and close diagonal twining
945	cord	simple cord
946	cord	simple cord
947	cord	tressed cord
948	cord	simple cord
949	cord	simple cord
950	cord	complex cord
951	cord	simple cord
952	cord	simple cord
1130	bead	oval shell bead
1131	bead	oval shell bead
1132	bead	oval shell bead
1133	bead	oval shell bead
1134	bead	oval shell bead
1135	bead	oval shell bead
1198	pointed wood	double pointed, worn ends
1199	pointed wood	trimmed, worn end
1200	split wood	board
1201	split wood	trimmed split wood
1423	digging tool	digging tool
1424	digging tool	digging tool
1425	digging tool	digging tool
1426	cutting tool	cutting tool
1427	cutting tool	cutting tool

1428	cutting tool	cutting tool
1429	cutting tool	cutting tool
1430	cutting tool	cutting tool
1431	cutting tool	cutting tool
1432	handstone	handstone (big)-palette
1433	ground stone	(small)-handstone-palette
1474	spatula	spatula
1529	bottle gourd epicarp	bottle gourd vessel
1530	bottle gourd epicarp	bottle gourd vessel
1531	bottle gourd epicarp	bottle gourd vessel

Associated radiocarbon samples

Sample	material	size (mg)	radiocarbon age (BP)	±	delta13 ‰
Hd-30124	charcoal	25,3	4501	25	-27,2

Associated macrobotanical remains

taxon	topology	comp. rem.	fragment	total	weight (g)
Pachyrhizus sp.	root		1	0,5	
Lagenaria siceraria	fruit		3	2	943
Lagenaria siceraria	fruit		42	27	1529-1531
cf. Acacia	fruit		1	1	
Prosopis pallida	fruit	19	15	23	
Phaseolus lunatus	fruit	6	46	16	
ND	n.d.		1	8	
Ipomoea batatas	root	3	6	22	
cf. CYPERACEAE	stem	20		1	
Prosopis pallida	seed	300		10	
MAGNOLIOPSIDA	leaf		2	5,5	
cf. FABACEAE	stem		7	3	
ND	n.d.		1	3	
Phaseolus lunatus	seed	7		2,5	
cf. EUPHORBIACEAE	fruit	45		3	
Lagenaria siceraria	seed	4		0,5	
Cucurbita sp.	seed	2	6	0,5	
CUCURBITACEAE	seed	4	1	0,5	

Associated vertebratae remains

mammalia: indeterminate; 20 long bone fragments  
 mammalia: indeterminate; 1 proximal epiphysis of femur, 3 burned fragments of flat bone, 7 burned fragments of long bone  
 mammalia: caviidae; 1 ramus of right mandible, 1 tympanic bulla  
 mammalia: caviidae; 1 femur without distal epiphysis  
 ND: ND; artifact 1474

Associated invertebratae remains

*Cryphiops caementarius*; weight: 0 g, MNI: 1; no further information; the MNI was averaged; mentioned in the final inventory  
*Choromytilus chorus*; weight: 2,5 g, MNI: 1, no further information; the MNI was averaged; mentioned in the final inventory  
*Aulacomya ater*; weight: 0 g, MNI: 1, no further information; the MNI was averaged; mentioned in the final inventory  
*Fissurella* sp.; weight: 0,7 g, MNI: 6, artifacts 1130-1135

**Feature 4434 fireplace**

Unit: 6 excavated in 2009

Period: archaic; Phase: 3

Description: Feature 4434 was located in the northeast of Unit 6. It is of irregular shape. The maximum length was 384 cm from north to south and the maximum width was 213 cm from west to east. It was inclined from west to east. The bottom was irregular. The depth was 7 cm. The filling material consisted of burned soil of dark-black color,

mixed with abundant ashes - that covered nearly the entire feature -, abundant charcoal remains and some small and middle-sized stones.

Stratigraphic position: above: 4436; 4476; 4477; 9853; 9858; below: 4430

Location (closest features): north: 4316; east: 4431; south: 4431; west: 4431

On figure(s): : Plan 1-4; Plan 5

Associated artifacts

Number	category	subdivision
1039	pendant	flat bone, braiding tool
1040	braiding tool	braiding tool
1105	bead	oval shell bead
1106	bead	oval shell bead
1107	bead	discoidal shell bead
1403	flake	flake
1404	cutting tool	cutting tool
1466	handstone	handstone (unknown)
1467	ground stone	ground stone (big)

Associated vertebratae remains

aves: indeterminate; 1 burned long bone

mammalia: camelidae or cervidae; artifact 1040, 1 burned costa fragment

mammalia: camelidae or cervidae; artifact 1039, 1 burned long bone fragment

Associated invertebratae remains

Species	weight	MNI	artifact	comment
<i>Argopecten purpuratus</i>	3,6 g	1		
<i>Fissurella</i> sp.	0,3 g	2	1105; 1106	

**Feature 4435 burial**

Burial: 52 Unit: 6 excavated in 2009

Period: archaic; Phase: 3

Description: Burial 52 is a single, primary burial. It is located in the surface of Feature 4437-3, damaging partly Feature 9854 and encarved into the natural surface. It is located in the northeast of Unit 6. The burial was deposited in a pit that was covered with a stone plaster. The burial pit is of regular, circular shape with a diameter of 52 cm and a depth of 42 cm. The walls were steep sided and the bottom plane. On the surface it was covered with a plaster of densely arranged middle-sized natural stones. The material inbetween the stones of the plaster consisted of burned soil of beige-greyish color, mixed with small stones and some gravel. Below the stone plaster and the associated material the burial pit was filled with a different material consisting of semi-compact to loose, clumpy soil of dark beige color. It was mixed with some small stones, gravel, some charcoal remains and abundant remains of modern huarango roots. Furthermore it had a higher humidity. The individual was deposited covered with the filling material on the bottom of the burial pit. It was wrapped into the badly preserved remains of a probable mat of plant fibers. One obsidian flake and the remains of a freshwater shrimp were found within the filling material.

Comments: The huarango roots are modern. Their intrusion and the humidity caused the bad preservation of the skeleton remains.

Stratigraphic position: above: 4431; 4437-2; 9854; below: 4430

On figure(s): 45; 53e; 54e; Plan 4-10

Anthropological information

Individual: 52 age class: prenatal est. age: 0 sex: indeterminate

Description of skeleton: The skeleton was deposited on the bottom of the burial pit. It was badly preserved and compressed. The individual was deposited in a right-flexed position. The cranium was located in the north. The view direction is not very clear, but probably towards the east. Both arms were probably extended and orientated towards the body front. The legs were flexed, with the knees below the pelvis line.

Comment: A fetus from the 8th-9th month of the pregnancy.

Associated artifacts

Number	category	subdivision
1406	flake	flake
1556	ND	ND

## Associated radiocarbon samples

Sample	material	size (mg)	radiocarbon age (BP)	±	delta13 ‰
MAMS-13578	charcoal	12,9	4587	24	-27,2

## Associated invertebratae remains

Species	weight	MNI	artifact	comment
<i>Cryphiops caementarius</i>	0 g	1		

**Feature 4436      double burial**

Burial: 54      Unit: 6      excavated in 2009

Period: archaic; Phase: 1

Description: Burial 54 is a primary, double burial. It is encaved into the natural surface, below a fireplace (Feature 4434) and was damaged partly by the burial pit of Burial 56 (Feature 4476). It is located in the northeast of Unit 6. The double burial was deposited in a burial pit that was covered with a stone plaster. The burial pit is of irregular oval to kidney-like shape and orientated from southwest to northeast. The shape of the pit is damaged by the later Burial 56 (Feature 4476) in the southeastern part. Thus the original shape was probably regular oval, but after the damage became kidney-like. The burial pit is 38 cm long, 26 cm wide and 28 cm deep. The walls were very steep and the bottom relatively plane. The burial pit was covered with a concentration of middle-sized and some big and small natural stones. Between these stones soil of dark beige color was located. Below the stone cover the pit was filled with granular, loose soil of dark beige color, mixed with some small stones, gravel and some small charcoal remains. Within the burial pit and in the filling material as well as impacting the human remains, abundant modern huarango roots were found. Mixed within the filling material some lithic artifacts (3 cutting tools and 1 obsidian flake), the fragment of a oval shell bead, a burned hurango pod, the remains of a freshwater shrimp and a fragment of *Choromytilus chorus* were found. Two individuals (54a and 54b) were deposited on the bottom of the burial pit and covered by the filling material. Individual 54a was thereby deposited partly above Individual 54b. Individual 54a was deposited along the western wall - in a distance of about 9 cm from the same - with the cranium located on the top of the cranium of Individual 54b. Individual 54b was deposited along the eastern wall, in a distance of 1-2 cm of the same (probably due to the damage by the burial pit of Burial 56 (Feature 4476)). Thus the bones of both individuals were deposited above each other in the areas of the crania and the upper body parts. They were thus arranged in an irregular V-shape towards each other, with the point built by the heads pointing towards the south and the shanks built by the upper bodies. Nevertheless the extremities did not follow strictly this described arrangement, but were located towards the space between the shanks built by the bodies. Above the feet of Individual 54a a shell pendant made of *Argopecten purpuratus* was located. Below both individuals on the bottom of the burial pit, a fine layer of loose, fine sand of beige-greyish color was located. The individuals were deposited upon this fine layer.

Interpretation: As both individuals are prenatal and therefore in the same age and were deposited together in a primary burial, it is probable that both individuals were stillborn twins.

Stratigraphic position: above: NaSuU6; below: 4434

Location (closest features): north: 4101; east: 4476; south: 4476; west: 4435

On figure(s): 45; 53f; 54f; Plan 6; Plan 7; Plan 8; Plan 9-11

## Anthropological information

Individual: 54a      age class: prenatal      est. age: 0      sex: indeterminate

Description of skeleton: The skeleton of the individual was badly preserved. It was deposited on the bottom of the burial pit and partly upon Individual 54b. The cranium of Individual 54a was located above the cranium of Individual 54b. Thus parts of the upper body bones and upper extremities were located partly above those from Individual 54b. Individual 54a was deposited in a right flexed position and was partly turned to a prone position. The cranium was located in the southwest, but slightly turned towards the chest. Thus the direction of view is orientated towards the north (NNE). The arms were semi-flexed and located lateral towards the body. The legs were semi-flexed towards the right side.

Comment: Due to the preservation and the small size of the prenatal bones, the deposition of the individuals is partly difficult to be observed absolutely clear. Some of the deposition descriptions were derived from consideration of the regular anatomy of the human body. The individual was a fetus from the 5th or 6th month of pregnancy.

Individual: 54b      age class: prenatal      est. age: 0      sex: indeterminate

Description of skeleton: Individual 54b was located on the bottom of the burial pit. The preservation is relatively bad.

Individual 54b was deposited partly below Individual 54a. The cranium of Individual 54b was thus located below the cranium of Individual 54a. Individual 54b was deposited in a supine, left-flexed position. The cranium was located in the southwest and turned towards the left side. Thus the direction of view was orientated towards the northwest. The right arms was deposited lateral and semiflexed with the hand probably upon the pelvis. The left arm was deposited lateral and semiflexed, but was angled away from the body. Both legs were flexed towards the left side. The feet were located below the pelvis line.

Comment: Due to the preservation and the small size of the prenatal bones, the deposition of the individuals is partly difficult to be observed absolutely clear. Some of the deposition descriptions were derived from consideration of the regular anatomy of the human body. The individual was a fetus from the 5th or 6th month of pregnancy.

Associated artifacts

Number	category	subdivision
1055	pendant	bivalve shell pendant
1104	bead	oval shell bead
1344	cutting tool	cutting tool pointed
1345	cutting tool	cutting tool
1346	cutting tool	cutting tool
1405	borer	borer

Associated radiocarbon samples

Sample	material	size (mg)	radiocarbon age (BP)	±	delta13 ‰
MAMS-13579	charcoal	6	4582	25	-27,7

Associated macrobotanical remains

taxon	topology	comp. rem.	fragment	total	weight (g)
<i>Prosopis pallida</i>	fruit		1	1	1

Associated invertebratae remains

Species	weight	MNI	artifact	comment
<i>Choromytilus chorus</i>	1,6 g	1		
<i>Cryphiops caementarius</i>	2,7 g	1		
<i>Argopecten purpuratus</i>	16,1 g	1	1055	
<i>Fissurella</i> sp.	0,1 g	1	1104	

**Feature 4437-1 use floor**

Unit: 6 excavated in 2009

Period: archaic; Phase: 1

Description: Feature 4437-1 was a use floor remain in the northeast of Unit 6. It was attached to the central part of the top of Feature 4437-2 and is distinguished from it by a different color and the absence of bigger stones. Thus it formed the uppermost centimeters of Feature 4437-2. It was inclined from east to west and shaped very irregularly. It consisted of fine, loose soil of beige-greyish color, mixed with some gravel. It was 312 cm long from east to west, had a maximum width of 131 cm from north to south in the west.

Comments: Feature 4437-1 was originally documented as part of Feature 4437. Feature 4437 was separated into the floor remain Feature 4437-1 with a different color and the occupation layer Feature 4437-2 to which the floor remain was attached. All found material was found within the occupation layer. Thus as an exception Feature 4437-1 is assigned as being above Feature 4437-2 and as being part of Feature 4437-2. In the Harris-Matrix the relation of both features will be displayed as being one feature.

Interpretation: Feature 4437-1 was probably the remain of the floor of Feature 4437-2.

Stratigraphic position: below: 4429; 9866; forms one with: 4043-1; 4043-2; 4385; 4437-2

Location (closest features): north: 4437-2; east: 4437-2; south: 4491; west: 4866

On figure(s): : Plan 1-4; Plan 5; Plan 6; Plan 7; Plan 8

**Feature 4437-2 occupation layer**

Unit: 6 excavated in 2009

Period: archaic; Phase: 1

Description: Feature 4437-2 was an occupation layer in the northeast of Unit 6. It was connectable to Feature 4043-2 in Unit 5 and Feature 4385 in Unit AQ46. It was inclined from east to west. On the top in the center of Feature

4437-2 a small remain of the floor was detected and described as Feature 4437-1. Both features were just distinguishable by different color and the absence of bigger stones in Feature 4437-1. The shape of Feature 4437-2 is very irregular. It had a maximum length of 476 cm from east to west and a maximum width of 240 cm from north to south. It had a depth between 13 cm in the west and 11 cm in the east. The material consisted of fine, loose soil of greyish-brown-orange color, mixed with ashes, charcoal, some small stones and some bigger stones and abundant plant remains.

Comments: Feature 4437-2 was originally documented as part of Feature 4437. Feature 4437 was separated into the floor remain Feature 4437-1 with a different color and the occupation layer Feature 4437-2 to which the floor remain was attached. All found material was found within the occupation layer. Thus as an exception Feature 4437-2 is assigned as being below Feature 4437-1 and as being part of Feature 4437-1. In the Harris-Matrix the relation of both features will be displayed as being one feature.

Stratigraphic position: above: 9869; 9870; 9871; 9872; 9873; 9874; 9875; ; below: 4429; 4435; 4439; 9866; forms one with: 4043-1; 4043-2; 4385; 4437-1

Location (closest features): north: 4043; east: 4436; south: 4491; west: 4385

On figure(s) : Plan 1-4; Plan 5; Plan 6; Plan 7; Plan 8

Associated artifacts

Number	category	subdivision
940	cord	simple cord
941	cord	simple cord
942	cord	simple cord
1108	bead	oval shell bead
1109	bead	oval shell bead
1110	bead	oval shell bead
1111	bead	oval shell bead
1112	bead	discoidal bone bead
1113	bead	discoidal stone bead
1528	bottle gourd epicarp	bottle gourd vessel

Associated radiocarbon samples

Sample	material	size (mg)	radiocarbon age (BP)	±	delta13 ‰
MAMS-13582	charcoal	10,2	4625	24	-30,2
Hd-30125	charcoal	31,4	4661	25	-26,7

Associated macrobotanical remains

taxon	topology	comp. rem.	fragment	weight (g)	artifact
Lagenaria siceraria	fruit		13	2	1528
Prosopis pallida	fruit	11	1	8	
Phaseolus lunatus	fruit	1	10	2	
Psidium guajava	fruit		1	0,5	
CUCURBITACEAE	seed	7		0,5	
ND	n.d.		6	4	
Schinus molle	fruit	23		0,5	
MAGNOLIOPSIDA	seed	1		0,5	
MAGNOLIOPSIDA	fruit		1	0,5	
Prosopis pallida	seed	43	43	1	

Associated vertebratae remains

amphibia: indeterminate; 1 cranium, 2 vertebrae

aves: indeterminate; 1 proximal epiphysis and parts of diaphysis of coracoid, 1 radius (distal epiphysis and parts of diaphysis), 1 burned distal epiphysis of tarsometatarsus, 1 burned tibiotarsus (proximal epiphysis and parts of diaphysis)

mammalia: indeterminate; 2 burned tibia diaphysis, 1 burned proximal epiphysis and part of diaphysis of tibia

mammalia: caviidae; 1 burned proximal epiphysis of femur, 1 burned distal epiphysis and part of diaphysis of femur, 1 femur diaphysis, 1 burned humerus distal epiphysis, 2 fragments of long bone, 1 ramus of left mandible, 3 burned fragments of pelvis, 1 burned scapula distal epiphysis, 1 tibia proximal epiphysis, 1 proximal epiphysis and part of diaphysis of ulna

Associated invertebratae remains

*Cryphiops caementarius*; weight: 1,4 g; MNI: 1

*Choromytilus chorus*; weight: 0 g; MNI: 1; no further information; the MNI was averaged; mentioned in the final inventory  
*Fissurella* sp.; weight: 0,2 g; MNI: 2; artifacts 1108 and 1109

**Feature 4438 pit**

Unit: 6 excavated in 2009 Group: St\_16\_au

Period: archaic; Phase: 2

Description: Feature 4438 was a pit in the northwest of Feature 9865 within a large pit (Feature 4491) and thus located in the northern center of Unit 6. It was of circular shape with a diameter of 22 cm and a depth of 8 cm. The filling material consisted of loose, burned soil of grey-brown color, mixed with abundant stones and few plant remains.

Stratigraphic position: above: 9865; below: 4431

Location (closest features): north: 9865; east: 9865; south: 9865; west: 9865

On figure(s): 41a-b

Associated macrobotanical remains

taxon	topology	comp. rem.	fragment	total	weight (g)
<i>Prosopis pallida</i>	seed	2		2	0,5

**Feature 4439 post hole**

Unit: 6 excavated in 2009

Period: archaic; Phase: 1

Description: Feature 4439 was a pit in the northern center of Unit 6. It was of regular circular shape with a diameter of 13 cm and a depth of 13 cm. The walls were steep-sided and the bottom concave. The filling material consisted of loose, fine, burned soil of dark brown color, mixed with abundant charcoal remains, rubble and few plant remains.

Stratigraphic position: above: 4437-2; below: 9860

Location (closest features): north: 4437-2; east: 4481-1; south: 4437-2; west: 4437-2

On figure(s): 40c; 41a-f; 42a; Plan 6; Plan 7; Plan 8; Plan 9-11

Associated macrobotanical remains

taxon	topology	comp. rem.	fragment	total	weight (g)
cf. <i>Acacia</i>	fruit		1	1	0,5
<i>Cucurbita</i> sp.	seed		2	2	0,5

**Feature 4440 storage pit**

Unit: 6 and partly: AQ46 excavated in 2009

Period: archaic; Phase: 4

Description: Pti4440 was a storage pit in the northern center of Unit 6. It was reaching into Unit AQ 46, that itself covered a part of Units 6 and 5. The pit was oval, orientated from north to south. It was 68 cm long, 57 cm wide and 22 cm deep. The walls were vertical and the bottom plane. The filling material consisted of semi-compact to loose, middle-fine soil of dark brown color, mixed with some small stones, few charcoal and some plant remains.

Stratigraphic position: above: NaSuU6; below: 9866

Location (closest features): east: 4429; south: 4429

On figure(s): Plan 4-11

Associated artifacts

Number	category	subdivision
1014	plant fibers	plant fibers
1278	pointed wood	pointed wood (used end)

Associated radiocarbon samples

Sample	material	size (mg)	radiocarbon age (BP)	±	delta13 ‰
Hd-30126	charcoal	25,7	4477	26	-27

Associated macrobotanical remains

taxon	topology	comp. rem.	fragment	total	weight (g)
<i>Phaseolus lunatus</i>	fruit		6	3	9
<i>Phaseolus lunatus</i>	seed		1	1	0,5

8

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**Feature 4441      modern surface**

Unit: 18 excavated in 2009

Period: modern; Phase: modern

Description: modern surface in Unit 18; excavated in 2009; located in the entire Unit 18; consists of loose, fine sand of beige color; mixed with gravel

Comments: ceramic fragments of different periods were found already in this uppermost layer

Stratigraphic position: above: 4442; forms one with: 2968; 2974; 3101; 3140; 3216

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**Feature 4442      layer**

Unit: 18 excavated in 2009

Period: ceramic; Phase: ceramic

Description: layer of the ceramic occupation; located in the entire Unit 18; consists of loose, granular to fine soil of light beige

Stratigraphic position: above: 4443; below: 4441

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**Feature 4443      layer**

Unit: 18 excavated in 2009

Period: ceramic; Phase: ceramic

Description: layer of the ceramic occupation; located in the entire Unit 18; consists of loose to semi-compact, fine soil of grey color; mixed with gravel

Stratigraphic position: above: 4444-1; 4445; 4453; 9702; 9713; 9717; 9718; below: 4442

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**Feature 4444      layer**

Unit: 18 excavated in 2009

Period: ceramic; Phase: ceramic

Description: layer of the ceramic occupation; located in the south of Unit 18; consists of loose, fine soil of beige-orange color; mixed with vegetal remains

Stratigraphic position: above: NaSuU18; below: 4454; forms one with: 4450

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**Feature 4444-1      layer**

Unit: 18 excavated in 2009

Period: ceramic; Phase: ceramic

Description: layer of the ceramic occupation; located in the northwest of Unit 18; consists of loose, fine soil of beige-orange color; mixed with vegetal remains; (same material as Feature 4444)

Comments: reconstructed using the drawings and photographs; same material as Feature 4444

Stratigraphic position: above: 9742; below: 4443

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**Feature 4445      stone row**

Unit: 18 excavated in 2009

Period: ceramic; Phase: ceramic

Description: stone row of the ceramic occupation; located in the northwest of Unit 18; consists of three stones arranged in a line

Stratigraphic position: above: 4448; below: 4443

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**Feature 4446      pit**

Unit: 18 excavated in 2009 Group: St\_14\_dw

Period: archaic; Phase: 5

Description: Feature 4446 was a large pit in the southeast of Unit 18. It was encarved into the natural surface. It was of

irregular oval shape, orientated from east to west. It was 363 cm long and 280 cm wide. The walls were steep and the bottom plane. Due to the inclination of the natural surface from north to south in this part of the excavation, the depth of the large pit was about 80 cm in the northern and western part, 45 cm in the eastern part and in the southern part just about 2-3 cm. Thus the large pit was open towards the south. On the southern edge two big stones were located. Those were located next to each other and were maybe strengthening the southern edge. In the southeast and the southwest the edges of the large pit were damaged by pits. Within the large pit three pits were located (9714, 9715, 9720). The large pit was filled with material of Feature 4450. This was material with some ceramic sherds and thus at least in parts of the ceramic occupation.

Stratigraphic position: above: 4449-1; below: 9714; 9715; 9720

Location (closest features): north: 9738; west: 9728

On figure(s): 37e; 38e

**Feature 4447 eroded material**

Unit: 18 excavated in 2009

Period: archaic; Phase: 4

Description: Feature 4447 was eroded material in the northwest of Unit 18. It was inclined strongly from north to south due to the inclination of the natural surface in this area. It was of irregular shape. The maximum length was 580 cm from west to east and the maximum width was 471 cm from north to south. The depth is unknown. The bottom and the surface were irregular. The filling material consisted of semi-compact, fine soil of beige-yellowish color, mixed with some salty soil and small stones.

Comments: The eroded material was originally described as being part of the natural surface as the material is nearly identical. But due to the documentation it was excavated and some features were found below it.

Interpretation: The material is probably eroded from the natural surface above Unit 18 downwards towards the river valley bottom and covered thus some older features. No cultural material was associated to the eroded material which indicates that the erosion maybe took place towards the end of the preceramic but before the ceramic occupation. It could be the result of a flooding event. Otherwise at least single ceramic sherds could be expected in the material.

Stratigraphic position: above: 9703; 9704; 9726; 9727; 9731; 9732; 9733; ; below: 9730

Location (closest features): north: 4473; east: 4449-1; south: 4449-1

On figure(s): Plan 12

**Feature 4447-3 eroded material**

Unit: 18 excavated in 2009

Period: ceramic; Phase: ceramic

Description: eroded material in the northeast of Unit 18; consists of the same material as the natural surface

Comments: the material covers some features and is thus not the natural surface; feature was reconstructed from the informations on the drawings

Interpretation: probably some material of the natural surface eroded downwards, as Unit 18 is inclined towards the south, covering earlier features

Stratigraphic position: above: 9735; 9736; 9737; 9738; below: 9702

**Feature 4448 layer**

Unit: 18 excavated in 2009

Period: ceramic; Phase: ceramic

Description: layer of the ceramic occupation; located in the center and the west of Unit 18; consists of semi-compact, fine to granular soil of beige color; mixed with gravel

Stratigraphic position: above: 4449-2; 9709; 9710; 9722; 9730; 9739; below: 4445; 9717; 9718; 9742

**Feature 4449-1 occupation layer**

Unit: 18 excavated in 2009

Period: archaic; Phase: 4

Description: Feature 4449-1 is an occupation layer in the center of Unit 18. It is distributed irregularly in the center and

south of Unit 18. The shape is very irregular and formed like a band from the central northern part towards the southwest of Unit 18. The feature is due to the natural surface form inclined from north to south. The maximum length is 1000 cm from southwest to northeast and about 320 cm from northwest to southeast. The thickness is not reported. The material consisted of soil of beige color, mixed with abundant small stones, some plant remains and small remains of charcoal.

Comments: Feature 4449-1 was originally described as part of Feature 4449 that was distributed in two patches. Thus the feature was separated into Features 4449-1 and 4449-2. No artifacts were found within the material.

Stratigraphic position: above: 9701; 9707; 9708; 9716; 9719; 9723; 9724; ; below: 4446; 9722; 9739

Location (closest features): north: 9798; east: 9738; south: 4446; west: 4447-2

On figure(s): Plan 12

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**Feature 4449-2      occupation layer**

Unit: 18 excavated in 2009

Period: archaic; Phase: 4

Description: Feature 4449-1 was an occupation layer in the northeast of Unit 18. It was located on the northwestern edge, had an irregular shape and was inclined from north to south. The maximum length was 205 cm from east to west and 177 cm from north to south. The thickness is not reported. The material consisted of soil of beige color, mixed with abundant small stones, some plant remains and small remains of charcoal.

Comments: Feature 4449-2 was originally described as part of Feature 4449 that was distributed in two patches. Thus the feature was separated into Features 4449-1 and 4449-2. No artifacts were found within the material.

Stratigraphic position: above: 9706; 9757; below: 4448

Location (closest features): north: 4447-2; east: 4447-2; south: 4447-2

On figure(s): Plan 12

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**Feature 4450      filling layer**

Unit: 18 excavated in 2009

Period: ceramic; Phase: ceramic

Description: filling layer of the ceramic occupation; located within a large pit (Feature 4446) and beyond that in the southeast of Unit 18; the material consists of semi-compact, granular to fine soil of dark beige color; mixed with gravel

Comments: ceramics were found within the layer

Interpretation: probably the cultural material of the filling layer is mixed as the found ceramic remains suggest; this mixture could have originated in some erosion as Unit 18 is inclined towards the south and the large pit (Feature 4446) caught material eroding from higher locations; or the large pit was still remaining as a depression during the ceramic occupation and was used as a refuse pit and the ceramic material is intrusive to earlier deposits

Stratigraphic position: above: 9714; 9715; 9720; below: 4453; 9713; forms one with: 4444

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**Feature 4452      pit**

Unit: 18 excavated in 2009

Period: archaic; Phase: 5

Description: Feature 4452 was a pit in the southwest of Unit 18. It was located on the western edge of the excavation unit. Thus the western edge of the feature is straight. The feature was irregular with a maximum length of 241 cm from north to south and a maximum width of 174 cm from west to east. The depth was not reported. The filling material was not reported.

Stratigraphic position: above: NaSuU18; below: 9712

Location (closest features): east: 9729

On figure(s): Plan 12; Plan 13

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**Feature 4453      disturbed burial**

Burial: 53      Unit: 18 excavated in 2009

Period: ceramic; Phase: ceramic

Description: Burial 53; damaged burial in a large pit (Feature 4446); located in the southeast of Unit 18; a concentration

of human bones, in disarticulated form

Comments: as found within material that was mixed with ceramics assigned to the ceramic period

Interpretation: a cultural affiliation is not possible; there is a certain probability that Burial 53 (Feature 4453) could be the remain of an burial of the archaic occupation as the

Location would be typical, but as other intrusive burials of later ceramic periods were recovered on the site as well and the material covering the disarticulated bones yielded ceramics, the burial was assigned to the ceramic period

Stratigraphic position: above: 4450; below: 4443

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**Feature 4454 wall remain**

Unit: 18 excavated in 2009

Period: ceramic; Phase: ceramic

Description: wall remain of the ceramic occupation; located in the southwest of Unit 18; consists of a concentration 15 adobe bricks of different sizes and in disorderd position

Stratigraphic position: above: 4444; 4457; below: 9700

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**Feature 4457 filling layer**

Unit: 18 excavated in 2009

Period: ceramic; Phase: ceramic

Description: uppermost pit filling of a pit (Feature 4452) in the southwest of Unit 18; consists of loose, granular to fine soil of grey color; mixed with gravel

Interpretation: The uppermost filling layer of structure 15 indicates that structure 15 still formed a depression during the ceramic occupation during which the uppermost part was filled.

Stratigraphic position: above: 9711; 9712; 9728; 9729; below: 4454; 9709; 9710

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**Feature 4458 layer**

Unit: 9 excavated in 2009

Period: ceramic; Phase: ceramic

Description: layer of the ceramic occupation; located in the west of Unit 9 (campaign of 2009); consists of loose, granular to fine soil of dark grey color; mixed with gravel

Comments: the same material is found in the east of Unit 9, separated by a test trench that was cut in the campaign of 2004; the material in the eastern part was re-labelled Feature 4458b

Stratigraphic position: above: 9762; 9764; 9765; 9768; 9769; 9790; 9791; ; below: 3106 strat. equal to: 3146; 4458b

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**Feature 4458b layer**

Unit: 9 excavated in 2009

Period: ceramic; Phase: ceramic

Description: layer of the ceramic occupation; located in the west of Unit 9 (campaign of 2009); consists of loose, granular to fine soil of dark grey color; mixed with gravel

Comments: the same material is found in the west of Unit 9, separated by a test trench that was cut in the campaign of 2004; the material in the western part was labelled Feature 4458

Stratigraphic position: above: 4459; below: 3106 strat. equal to: 3146; 4458

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**Feature 4459 floor**

Unit: 9 excavated in 2009

Period: ceramic; Phase: ceramic

Description: floor of the ceramic occupation; located in the northeast and center of Unit 9 (campaign of 2009); consists of semi-compact, granular soil of grey color

Stratigraphic position: above: 4461; 9758; 9759; 9761; 9797; 9798; 9799; ; below: 4458b

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**Feature 4461 alluvial sediment**

Unit: 9 excavated in 2009

Period: ceramic; Phase: ceramic

Description: alluvial sediment; located in the southeast and center of Unit 9 (campaign of 2009); consists of semi-compact, fine sandy soil; mixed with sparse gravel

Comments: cultural remains as ceramics were found in the material

Interpretation: the material is of alluvial origin and probably produced by a flooding; as ceramic was found within it and later ceramic layers were covering it, the flooding events took place during the ceramic occupation

Stratigraphic position: above: 9805; 9806; 9807; 9809; 9812; below: 4459

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**Feature 4462a pit**

Unit: 9 and partly: 18 excavated in 2009 Group: St\_17\_dw

Period: archaic; Phase: 3

Description: Feature 4462a was a shallow pit that was defined by surrounding post holes in the southwest of Unit 9 and the northwest of Unit 18. It was of regular oval shape orientated from west to east. The maximum length was 430 cm and the maximum width 360 cm. The depth is unknown. In the center the remains of a fine zone of grey clay was located. In the south soil of grey clay with some fine plant remains were reported. In the south three large natural stones were located on the edge. The shallow pit was located on the edge of the inclination that was steeper towards its south and is thus platformlike in the area. The limiting post holes and posts were the features 9825, 9795, 9752-9754, 9767, 9828-9831. Some more smaller post holes and pits were located in the center of the shallow pit. Parallel to the expansion of the shallow pit in the southeast a line of some small post holes was located (Features 9743-9751).

Comments: The feature was reconstructed from the excavation documentation and the final excavation report.

Interpretation: Probably the remains of a dwelling pit with very well preserved post holes of the roof construction. The vegetal remains could represent remains of the roof.

Stratigraphic position: above: NaSuU9; below: 9752; 9753; 9754; 9755; 9756; 9764; 9765

Location (closest features): north: 4472; east: 9826; south: 4449-2

On figure(s): 42b; 43a

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**Feature 4463 floor**

Unit: 9 excavated in 2009

Period: ceramic; Phase: ceramic

Description: floor remain of the ceramic period; located in the northwest of Unit 9 (campaign of 2009); consists of loose, fine soil of grey color; located above the location of a large pit (Feature 4472)

Stratigraphic position: above: 4464; 9819; 9820; 9846; 9847; 9848; 9849; below: 3106

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**Feature 4464 filling layer**

Unit: 9 excavated in 2009 Group: St\_18\_bu

Period: archaic; Phase: 5

Description: Feature 4464 was the uppermost pit filling of a large pit (Feature 4472) in the center of Unit 9. It was located in the west of the large pit but distributed slightly beyond the maximum of the large pit in the north. This distribution was determined by the trench that was excavated in Unit 9 in the campaign of 2005. Within this trench the features were not identifiable. Thus the shape of the identified pit filling was curved in the west but straight in the east giving it an irregular semicircular shape orientated from north to south. The maximum length was 250 cm, the maximum width 120 cm and the depth between 16 cm in the west and 27 cm in the center. The surface was plane. The filling material consisted of granular, loose soil of grey color, mixed with gravel and charcoal remains. Some plant remains were reported but too badly preserved to be recovered.

Comments: The original distribution of the feature was probably wider and reaching into the area of the test trench of 2005 but not identifiable there.

Stratigraphic position: above: 4466; below: 4463

On figure(s): 44

Associated artifacts

Number	category	subdivision
1043	braiding tool	braiding tool
1139	bead	oval shell bead
1140	bead	oval shell bead
1141	bead	discoidal shell bead
1166	color remain	raddle remain
1408	borer	borer

Associated vertebratae remains

mammalia: camelidae or cervidae; artifact 1043, 1 burned long bone fragment

Associated invertebratae remains

*Choromytilus chorus*; weight: 0 g; MNI: 1; no further information; the MNI was averaged; mentioned in the final inventory

*Fissurella* sp.; weight: 0,3 g; MNI: 2; artifacts 1139 and 1140

**Feature 4466 filling layer**

Unit: 9 excavated in 2009 Group: St\_18\_bu

Period: archaic; Phase: 5

Description: Feature 4466 were the remains of a filling layer mainly within a the west of a large pit (Feature 4472) in the center of Unit 9 but distributed in the south beyond the maximum of the large pit. In the east the edge of the material was straight due to a test trench of 2005 in this area. Within the test trench the feature was not identifiable. Thus the shape of the filling layer was irregular with a straight side in the east. The maximum length was 260 cm from north to south, the maximum width was 140 cm from east to west. The depth varied between 20 cm in the south and 5 cm in the north. The filling material consisted of fine soil of brown color, mixed with small stones, charcaol and poorly preserved plant remains of probable horsetail plants that was compacted by water flow. The plant remains were to badly preserved to be recovered.

Comments: The eastern part was probably excavated in the test trench of 2005 but - due to the restricted excavated area than - not identified.

Interpretation: Probably the remains of a flooding event or heavy rains that hit a cultural layer and eroded it beyond the large pit towards the south (downward the inclination).

Stratigraphic position: above: 4467; 4468; 9850; below: 4464

On figure(s): 44

Associated artifacts

Number	category	subdivision
1352	scraper	scraper
1353	scraper	scraper
1407	cutting tool	cutting tool notched

Associated vertebratae remains

aves: indeterminate; 2 long bones

ND: ND; 2 long bones

Associated invertebratae remains

*Cryphiops caementarius*; weight: 0 g; MNI: 1; no further information; MNI was averaged; mentioned in the final inventory

**Feature 4467 disturbed burial**

Burial: 55 Unit: 9 excavated in 2009 Group: St\_18\_bu

Period: archaic; Phase: 5

Description: Burial 55 is a disturbed burial. It is located on the southwestern edge of a large pit (Feature 4472). Burial 55 is located in the southwest of Unit 9. No burial pit was found. Some disarticulated human bones were located in an oval shaped area, that was orientated from northeast to southwest and was 40 cm long and 27 cm wide on the surface of Feature 4469. It was slightly concave with a depth of about 10 cm. The human bones were covered by some alluvial, semi-compact sand, mixed with some gravel. Some badly preserved plant remains were mixed within the material.

Comments: As the burial is obviously hardly damaged and nearly destroyed, no shape descriptions can be given.

Interpretation: Probaly Burial 55 was disturbed by flooding events as the alluvial sand indicates.

Stratigraphic position: above: 4469; below: 4466

Location (closest features): north: 4472; east: 4472; south: 9830

On figure(s): 42c; 44; 45

Anthropological information

Individual: 55 age class: infans 1 est. age: 3-9 months sex: indeterminate

Description of skeleton: The skeleton was very badly preserved. The bones were disarticulated. Just about 50% of the bones of the individual were remaining. Due to their composition a single buried individual can be assumed.

Associated artifacts

Number	category	subdivision
1047	feather decoration	feather decoration

Associated vertebratae remains

aves: indeterminate; artifact 1047, feathers

**Feature 4468 fireplace**

Unit: 9 excavated in 2009 Group: St\_18\_bu

Period: archaic; Phase: 5

Description: Feature 4468 was a fireplace in the western part of Feature 4469 and thus in the western part of a large pit (Feature 4472) and thus located in the center of Unit 9. It was of regular oval shape, orientated from west to east. It was 30 cm long and 24 cm wide. The depth is unknown. The filling material consisted of a concentration of charcoal.

Comments: The eastern part was probably excavated in the test trench of 2005 but - due to the restricted excavated area than - not identified.

Stratigraphic position: above: 4469; below: 4466

Location (closest features): north: 4469; east: 4469; south: 4469; west: 4469

On figure(s): 44

**Feature 4469 filling layer**

Unit: 9 excavated in 2009 Group: St\_18\_dw

Period: archaic; Phase: 4

Description: Feature 4469 was a part of a filling layer located in the western part of a large pit (Feature 4472) in the center of Unit 9. In the east the edge of the material was straight due to a test trench of 2005 in this area. Within the test trench the feature was not identifiable. Thus the shape of the feature was semicircular, orientated from north to south. The maximum length was 250 cm, the maximum width was 101 cm and the depth varied between 20 and 30 cm. The material consisted of fine and partly granular soil of beige color, mixed with small stones.

Comments: The eastern part was probably excavated in the test trench of 2005 but - due to the restricted excavated area than - not identified.

Stratigraphic position: above: 4470; below: 4467; 4468; 9850

On figure(s): 44

Associated artifacts

Number	category	subdivision
1411	cutting tool	cutting tool
1459	ground stone	(medium)-percussor
1460	ground stone	(medium)-percussor

Associated macrobotanical remains

taxon	topology	comp. rem.	fragment	total	weight (g)
MAGNOLIOPSIDA	fruit		1	1	0,5

Associated vertebratae remains

mammalia: caviidae: Cavia sp.; 1 proximal epiphysis with parts of diaphysis of right tibia

**Feature 4470 filling layer**

Unit: 9 excavated in 2009 Group: St\_18\_dw

Period: archaic; Phase: 4

Description: Feature 4470 was a part of a filling layer located in the western part of a large pit (Feature 4472) in the center of Unit 9. In the east the edge of the material was straight due to a test trench of 2005 in this area. Within the test trench the feature was not identifiable. Thus the shape of the feature was irregular semicircular, orientated from north to south. The maximum length was 259 cm, the maximum width was 120 cm. The depth was of about 3 cm. The material consisted of fine soil of beige color, mixed with small stones, charcoal and some plant remains. The plant remains were poorly preserved and not recovered.

Comments: The mentioned plant remains were not collected because of their poor preservation. The eastern part was probably excavated in the test trench of 2005 but - due to the restricted excavated area than - not identified.

Stratigraphic position: above: 4471; below: 4469

On figure(s): 44

**Feature 4471      burned zone**

Unit: 9    excavated in 2009    Group: St\_18\_dw

Period: archaic; Phase: 4

Description: Feature 4471 was a part of a filling layer located in the western part of a large pit (Feature 4472) in the center of Unit 9. In the east the edge of the material was straight due to a test trench of 2005 in this area. Within the test trench the feature was not identifiable. Thus the shape of the feature was irregular semicircular, orientated from north to south. The maximum length was 260 cm, the maximum width 120 and the depth between 2 and 4 cm. The material consisted of burned soil and charcoal remains.

Comments: The eastern part was probably excavated in the test trench of 2005 but - due to the restricted excavated area than - not identified.

Interpretation: Maybe the remains of a burned down roof.

Stratigraphic position: above: 4473; below: 4470

On figure(s): 44

**Feature 4472      pit**

Unit: 9    excavated in 2009    Group: St\_18\_dw

Period: archaic; Phase: 4

Description: Feature 4472 was a large pit in the center of Unit 9. It was encarved into the natural surface. It was of irregular oval shape, orientated from west to east. The bottom was relatively plane and the walls relatively steep. It was filled with different occupation layers. The area of the central part of the large pit was excavated in a test trench in 2005 with a width of 150 cm. In the southeast the large pit was disturbed by an intrusive burial (Burial9, Feature 3155) of the ceramic occupation. In the southwest the large pit is slightly disturbed by a disturbed burial (Burial 55, Feature 4467). The maximum length was 300 cm, the maximum width was 260 cm and the depth varied between 80 cm in the north and 36 cm in the south. The large pit was located on an inclined part with the inclination towards the south. Thus the upper parts of walls in the western and eastern part were inclined towards the south giving the large pit a skewed shape.

Comments: In the central part excavated in the test trench of 2005.

Stratigraphic position: above: NaSuU9; below: 3146; 4473

Location (closest features): east: 9815; south: 4462a; west: 3167d

On figure(s): 42c; 44

**Feature 4473      use floor**

Unit: 9    excavated in 2009    Group: St\_18\_dw

Period: archaic; Phase: 4

Description: Feature 4473 was a use floor remain on the bottom of a large pit (Feature 4472) in the center of Unit 9. It covered the bottom of the large pit and was thus of irregular oval shape, orientated from west to east. The maximum length was 300 cm, the maximum width 260cm and the depth about 2 cm. The material was very fine and stuck on the natural surface of the bottom of the large pit. No detailed color or material informations were available, but it was reported that it was difficult to distinguish the material from the natural surface. Thus it was probably of beige color and compact.

Stratigraphic position: above: 4472; below: 4471

On figure(s): 44

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**Feature 4474**      **pit**

Unit: 6    excavated in 2009

Period: archaic; Phase: 2

Description: Feature 4474 was a pit in the central part of Unit 6. The eastern edge corresponds with a not excavated part of a wall and is thus straight. The feature was of oval shape, orientated from north to south. It was 84 cm long, 50 cm wide and 31 cm deep. The filling material consisted of semi-compact to loose, clumpy, humid soil of beige color, mixed with plant remains and some small and middle-sized stones.

Comments: The plant remains were due to the humidity very poorly preserved and were thus hardly determinable. The feature was assigned to the phase because of the proximity to the uppermost levels of Feature 4491.

Stratigraphic position: above: 9865; below: 4431

Location (closest features): north: 9865; east: 9865

On figure(s): 41a-f; Plan 6; Plan 7; Plan 8; Plan 9-11

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**Feature 4475**      **post hole**

Unit: 6    excavated in 2009

Period: archaic; Phase: 2

Description: Feature 4475 was a post hole in the center of Unit 6. It was circular with a diameter of 29 cm and a depth of 23 cm. The walls were steep and the bottom was concave. The filling material consisted of semi-compact to loose, clumpy soil of dark beige color, mixed with some charcoal remains and some stones.

Comments: The feature was assigned to the phase because of the proximity to the uppermost levels of Feature 4491.

Stratigraphic position: above: NaSuU6; below: 4431

Location (closest features): north: 9865

On figure(s): Plan 7; Plan 8; Plan 9-11

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**Feature 4476**      **burial**

Burial: 56            Unit: 6    excavated in 2009    Group: Unit 6 Burial

Period: archaic; Phase: 1

Description: Burial 56 is a single, primary burial. It is located in northeast of Unit 6. The burial pit was partly damaging the burial pit of Burial 54 (Feature 4436). Thus the feature of Burial 56 is connected to the feature of Burial 54, but Burial 56 was not deposited within the same burial pit but clearly in a separate burial pit. The burial was deposited on the bottom of a pit that was covered with a stone plaster. The burial pit was of regular oval shape and orientated from southwest to northeast. It was 54 cm long, 45 cm wide and 13 cm deep in the southeastern part and about 38 cm deep in the northwestern part. The difference in the depth is resulting from the beginning inclination towards the east within this area. The walls of the burial pit were very steep and the bottom relatively plane. The burial was covered on the surface with a loose plaster of nine middle-sized stones. The first fine covering soil layer within the burial pit below the stone plaster consisted of granular, semi-compact to loose soil of light beige-light yellow color, mixed with some small and middle-sized stones. Below that the burial pit was filled with clumpy, semi-compact soil of dark beige color, that was mixed with some small stones, charcoal remains and abundant modern huarango roots. The filling material covered the individual that was deposited on the bottom of the burial pit. Around the individual some badly preserved mat remains were located, that decayed by touching.

Comments: The huarango roots contributed to the partly bad preservation of the skeleton.

Stratigraphic position: above: NaSuU6; below: 4434

Location (closest features): north: 4436; south: 4477; west: 4435

On figure(s): 45; 53g; 56a; Plan 6; Plan 7; Plan 8; Plan 9-11

**Anthropological information**

Individual: 56      age class: prenatal    est. age: 0            sex:      indeterminate

Description of skeleton: The skeleton was regular preserved. It was deposited on the bottom of the burial pit. The individual was deposited in a left flexed position. The cranium was located in southwest and probably turned towards the right side. Thus the direction of view was probably upwards, but the cranium is not well preserved and com-

pressed. The arms were extended towards the body front and the left hand was probably located close to the left foot, whereas the right hand was more or less located upon the right knee. The legs are extremely flexed towards the left side. The knees were located in front of the body and the lower legs angled towards the pelvis without contacting them.

Comment: The huarango roots contributed to the partly bad preservation of the skeleton.

Associated artifacts

Number	category	subdivision
1557	ND	ND

Associated radiocarbon samples

Sample	material	size (mg)	radiocarbon age (BP)	±	delta13 ‰
MAMS-13589-1	charcoal	5,6	4618	25	-26,3

**Feature 4477**      **fireplace**

Unit: 6    excavated in 2009

Period: archaic; Phase: 2

Description: Feature 4477 was a fireplace in the northeast of Unit 6. It was of irregular oval shape, orientated from west to east. It was 79 cm long, 56 cm wide and 5 cm deep. The bottom was irregular. The filling material consisted of loose, fine, burned soil of black-orange color, mixed with ashes, some small and middle-sized stones and gravel.

Stratigraphic position: above: NaSuU6; below: 4431; 4434

Location (closest features): north: 9858; east: 9858; west: 9868

On figure(s): Plan 6-11

**Feature 4479**      **filling layer**

Unit: 6    excavated in 2009 Group: St\_16\_au

Period: archaic; Phase: 2

Description: Feature 4479 was occupation debris in the center of a large pit (Feature 4491) in the northern center of Unit 6. It was of very irregular shape and the material was distributed into two patches that were separated by just 3 cm and probably - due to the same material - originally connected. The maximum length was 202 cm from north to south, the maximum width was 54 cm from west to east. The depth varied between 7 and 16 cm. The material consisted of semi-compact muddy soil of light yellow color, mixed with some gravel and plant remains and some bigger stones.

Stratigraphic position: above: 9867; below: 9863; 9865; 9868

Location (closest features): north: 9867; east: 9868; south: 9867; west: 9867

On figure(s): 41b

Associated artifacts

Number	category	subdivision
955	cord	tressed cord
956	twined	open simple twining
1114	bead	oval shell bead
1187	pointed wood	double pointed, worn end
1188	pointed wood	double pointed, worn end
1354	percussor	hammerstone
1355	percussor	retouch tool
1527	bottle gourd epicarp	bottle gourd vessel

Associated macrobotanical remains

taxon	topology	comp. rem.	fragment	weight (g)	artifact
Lagenaria siceraria	fruit		7	1	1527
Prosopis pallida	fruit	2	4	2	
Phaseolus sp.	fruit		5	1	
CUCURBITACEAE	seed		1	0,5	
Prosopis pallida	seed	9		0,5	

Associated vertebratae remains

mammalia: camelidae; 1 burned right metatarsus of the hind paw

Associated invertebratae remains

*Tegula atra*; weight: 0 g; MNI: 1; no further information; the MNI was averaged; mentioned as fragments in the final inventory

*Cryphiops caementarius*; 0 g; MNI: 1; no further information; MNI was averaged; mentioned in the final inventory

*Fissurella* sp.; weight: 0,1 g; MNI: 1; artifact 1114

**Feature 4480 fireplace**

Unit: 6 excavated in 2009

Period: archaic; Phase: 1

Description: Feature 4480 was a fireplace in the northeast of Unit 6. It was of irregular oval shape, orientated from northeast to southwest. It was 88 cm long, 39 cm wide and 3 cm thick. The bottom was irregular. The filling material consisted of loose, fine, burned soil of black and brown-orange color, mixed with ashes and some small and middle-sized stones. A big stone was located above the center of the feature. Some remains of human bones were recovered from the feature.

Comments: Feature 4480 was located directly above Features 4486, 4487 and 4486. Feature 4486 was a disturbed burial. The big stone in the center of Feature 4480 was located above the center of Feature 4486 below.

Interpretation: Feature 4480 was probably a fireplace that was located above an earlier burial (Feature 4486). The original burial Feature 4486 was probably damaged by constructing and firing the Feature 4480. The big stone in the center of Feature 4480 and thus above the center of Feature 4486 indicates, that the original burial was not intentionally destroyed or opened.

Stratigraphic position: above: 4485; 4486; 4487; below: 9858

Location (closest features): north: 4101; west: 4482

On figure(s): Plan 7; Plan 8

Anthropological information

Individual: 60b age class: infans 1 est. age: indeterminate sex: indeterminate

Description of skeleton: Sparse human remains were found within the filling material. The consisted of a burned humerus and a burned tibia.

Comment: The human remains probably belong to the individual from the disturbed burial in Feature 4486 (Burial 60).

**Feature 4481-1 filling layer**

Unit: 6 excavated in 2009 Group: St\_16\_bu

Period: archaic; Phase: 1

Description: Feature 4481-1 was the first level of a filling layer within a large pit (Feature 4491) in the northern center of Unit 6. It was distributed in the entire large pit and just slightly disturbed in the southwest by an intrusive pit (Feature 4474) and in the northeast by an intrusive burial (Burial 57, Feature 4482). Thus it had an irregular oval shape orientated from north to south. It was 258 cm long and 229 cm wide. The depth varied between 7 and 9 cm. The material consisted of fine, semi-compact to loose, wet soil of light beige-brown color, mixed some plant remains and abundant gravel and middle sized stones.

Comments: The Feature was originally described as part of one feature (4481) with different levels. On the surface of the second level some features (Features 4483, 4484 and 4488) were detected. Thus the original single feature represents two events and was separated into 4481-1 (first level) and 4482-2 (second level). All associated findings were assigned two Feature 4481-2 as it was more massive, with the exception of the radiocarbon date, that was taken from the first level.

Stratigraphic position: above: 4483; 4484; 4488; below: 4482

On figure(s): 41c

Associated radiocarbon samples

Sample	material	size (mg)	radiocarbon age (BP)	±	delta13 ‰
Hd-30136	charcoal	21,7	4646	25	

Associated invertebratae remains

Species	weight	MNI	artifact	comment
<i>Acanthina crassilabrum</i>	36,4 g	1		

.....  
**Feature 4481-2 filling layer**

Unit: 6 excavated in 2009 Group: St\_16\_dw

Period: archaic; Phase: 0

Description: Feature 4481-2 was the second level of a filling layer within a large pit (Feature 4491) in the northern center of Unit 6. It was distributed in the entire large pit and just slightly disturbed in the southwest by an intrusive pit (Feature 4474) and in the northeast by an intrusive burial (Burial 57, Feature 4482). Furthermore it was disturbed by two more intrusive burials. Burial 58 (Feature 4483) in the north and Burial 59 (Feature 4484) in the southeast. Thus it had an irregular shape orientated from north to south. It was 246 cm long and 216 cm wide. The depth varied between 12 and 19 cm. The material consisted of fine, semi-compact to loose, wet soil of light beige-yellowish color, mixed with some plant remains and abundant gravel and middle sized stones. This is the same material as in

Comments: The Feature was originally described as part of one feature (4481) with different levels. On the surface of the second level some features (Features 4483, 4484 and 4488) were detected. Thus the original single feature represents two events and was separated into 4481-1 (first level) and 4482-2 (second level). All associated findings were assigned to Feature 4481-2 as it was more massive, with the exception of the radiocarbon date that was taken from the first level.

Stratigraphic position: above: 4489; 4490; below: 4483; 4484; 4488

Location (closest features): north: 4483; south: 4484

On figure(s): 41d

Associated artifacts

Number	category	subdivision
931	plant fibers	plant fibers
932	plant fibers	plant fibers
1115	bead	oval shell bead
1116	bead	4481-1. discoidal shell bead
1203	split wood	trimmed-pointed, worn end
1204	split wood	trimmed split wood
1205	split wood	trimmed split wood
1206	split wood	trimmed split wood
1351	cutting tool	cutting tool
1526	bottle gourd epicarp	bottle gourd vessel

Associated macrobotanical remains

taxon	topology	comp. rem.	fragment	weight (g)	artifact
Lagenaria siceraria	fruit		10	5	1526
Prosopis pallida	fruit		12	4	
Phaseolus lunatus	fruit	5	27	7	
Lagenaria siceraria	stem	1		0,5	
MAGNOLIOPSIDA	stem		1	0,5	
Typha sp.	leaf		3	1	
POACEAE	stem		1	0,5	
Equisetum giganteum	stem		1	0,5	
ND	n.d.		1	14	
CUCURBITACEAE	seed	5		0,5	
Cucurbita sp.	seed		1	0,5	
MAGNOLIOPSIDA	seed	2		0,5	
Prosopis pallida	seed	134		2	

Associated vertebratae remains

aves: indeterminate; 1 fragment of flat bone, 1 distal epiphysis and parts of diaphysis of humerus  
mammalia: rodentia; 1 proximal part of femur with parts of diaphysis, 1 fragment of tibia diaphysis

Associated invertebratae remains

*Cryphiops caementarius*; weight: 0 g; MNI: 1; no further information; MNI was averaged; mentioned in the final inventory  
*Choromytilus chorus*; weight: 0 g; MNI: 1; no further information; the MNI was averaged; mentioned in the final

inventory

*Fissurella* sp.; weight: 0,1 g; MNI: 1; artifact 1115

**Feature 4482      burial**

Burial: 57      Unit: 6    excavated in 2009 Group: St\_16\_bu

Period: archaic; Phase: 1

Description: Burial 57 is a single, primary burial. It is located within the northeastern edge of a large pit (Feature 4491) and thus in the northern center of Unit 16. The burial was deposited in a pit. The burial pit had an irregular oval - kidney-like shape and was orientated from south to north. It was 65 cm long, 48 cm wide and 29 cm deep. The walls of the burial pit were very steep and the bottom plane. In the southwest two big stones were located in the pit wall. The burial pit was covered with semi-compact to loose, fine soil of light beige-light yellow color, mixed with some small stones. The filling material below the covering material consisted of semi-compact to loose, granular soil of dark beige-brown color, mixed with remains of charcoal and few small stones. Some remains of probable lima beans and huarango fruits were found within the filling material. The filling material was relatively humid and mixed with small, modern huarango roots. Below the filling material on the bottom of the burial pit the individual was deposited. It was covered with a mat made of plant fibers. The mat was badly preserved and decayed by touching. Two exceptional big pincers of a freshwater shrimp were located below the mat remains in the southwest and thus above the position of the cranium below. A corestone was located next to the pincers and thus as well above the position of the cranium. Under the wrapping mat the badly preserved remains of a finer, meshed textile made of plant fibers were covering the individual. The remains of this finer textile were best preserved in the southern part of the burial pit in front of the individual. The finer textile was black colored and clumpy from decaying processes of the individual. Maybe the finer textile was impacted by fire. Some cord remains of different techniques were found within the burial, but no further textile could be observed. Beads were located in the position of the neck below the mandible of the individual. Those probably formed a necklace consisting of 26 oval shell beads made of *Fissurella* sp., 12 discoidal beads, 1 pendant of a shell of *Colisella* sp. and 1 pendant of *Oliva peruana*. Under the individual remains of a mat of the same technique and preservation as the upper one were located.

Comments: The modern small huarango roots and the relatively high humidity led to bad preservation conditions.

Stratigraphic position: above: 4481-1; below: 9867

Location (closest features): north: 4437-1; east: 4476; south: 4481-1; west: 4485

On figure(s): 41b-f; 42a; 45; 55a; 56b

Anthropological information

Individual: 57    age class: infans 1    est. age: 3-9 months    sex: indeterminate

Description of skeleton: The skeleton was in general regular preserved. The cranium was less well preserved. The individual was deposited on the bottom in a right prone position. The cranium was located in the southwest. The view direction was downward. The right arm was extended towards the right side and angled towards the spine in about 45°. The left arm was slightly flexed and deposited lateral with the and located in contact to the pelvis. The legs were extended towards the right side and slightly angled.

Associated artifacts

Number	category	subdivision
545	necklace	medium necklace
557	pendant	snail shell pendant
558	pendant	snail shell pendant
1015	cord	simple cord
1016	cord	simple cord
1018	looped	twisted looping dense
1019	twined	nd
1358	core	core

Associated radiocarbon samples

Sample	material	size (mg)	radiocarbon age (BP)	±	delta13 ‰
MAMS-13586	charcoal	6,9	4982	24	-25

Associated macrobotanical remains

taxon	topology	comp. rem.	fragment	total	weight (g)
<i>Phaseolus</i> cf. <i>lunatus</i>	fruit		24	24	2
<i>Prosopis pallida</i>	fruit		2	2	0,5

ND	n.d.	4	4	1
Associated vertebratae remains				
aves: indeterminate; 4 fragments of flat bones				
mammalia: caviidae: <i>Cavia</i> sp.; 10 fragments of flat bones, 1 fragment of right mandible including molars				
Associated invertebratae remains				
<i>Cryphiops caementarius</i> ; weight: 0 g; MNI: 1; no further information; MNI was averaged; mentioned in the final inventory; exceptional large size				
Oliva peruviana; weight: 1,4 g; MNI: 1; artifact 558				
<i>Colisella</i> sp.; weight: 4,5 g; MNI: 1; artifact 557				
<i>Fissurella</i> sp.; weight: 2,6 g; MNI: 26; artifact 545				

**Feature 4483 double burial**

Burial: 58 Unit: 6 excavated in 2009 Group: St\_16\_bu

Period: archaic; Phase: 1

Description: Burial 58 is a primary, double burial. It is located within the northern edge of a large pit (Feature 4491) and thus in the northern center of Unit 6. The individuals were deposited in a burial pit that was covered with big stones. The burial pit had an irregular oval shape and was orientated from east to west. It was 105 cm long, 53 cm wide and 35 cm deep. The walls were steep and the bottom was relatively plane. Big and middle-sized stones were irregularly arranged above the burial pit. The material between the stones consisted of sandy soil of beige color. Below the covering the filling material consisted of loose, granular soil of beige color, mixed with small stones, small charcoal remains and some probable human excrements. Below the filling material on the bottom of the burial pit two individuals were deposited on top of each other. Individual 58a was deposited on top of Individual 58b. In the position of the cranium and the pelvis of Individual 58a the badly preserved remains of a mat made of plant fibers were located. Below that mat and directly on the cranium of Individual 58a the badly preserved remains of a finer twined textile made of plant fibers were located, maybe the remains of a bag. In the area of the pelvis of Individual 58a, the poorly preserved remains of a meshed textile were located. Between the right humerus and the cranium, behind the nape, of Individual 58a a bone pendant was located. It was deposited with the opening towards the pit opening and thus appeared to have been stuck in between the neck and the shoulder after the deposition but was not worn originally by Individual 58a in the moment of the deposition. In between Individual 58a and 58b a camelid tooth was located. On the bottom of the burial pit, below the central part and between the right humerus and the costae of Individual 58b a pendant made of a whale tooth was located. As well on the bottom of the burial pit, below the central part of Individual 58b, the poorly preserved remains of a meshed textile were found.

Comments: The badly preserved mat remains indicate that the individuals were mat wrapped. Nevertheless it cannot be determined whether both individuals were wrapped together or separated.

Stratigraphic position: above: 4481-2; below: 4481-1

Location (closest features): north: 4437-1; east: 4482; south: 4484; west: 4439

On figure(s): 41d-f; 42a; 45; 55c; 56c

Anthropological information

Individual: 58a age class: adult est. age: 30 years sex: female

Description of skeleton: The skeleton is well preserved. It is deposited directly above Individual 58b. Individual 58a was deposited in a semiflexed right position and slightly turned towards a prone position. The cranium is located in the east and slightly turned towards the right. Nevertheless the direction of view is towards the north. The arms are slightly flexed and lateral on both body sides. Both legs are semiflexed towards the right side.

Comment: The individual had a treponema infection, indicated by the tibia.

Individual: 58b age class: adult est. age: 25-40 years sex: female

Description of skeleton: The skeletal material of Individual 58b is in general well preserved, but the cranium is absent. The individual was deposited on the bottom of the burial pit and directly located below Individual 58a. Individual 58b was deposited in a semiflexed right position. The cranium is absent but due to the spine orientation was probably located in the east. The arms were semiflexed and lateral on both sides. The legs were semiflexed towards the right side.

Associated artifacts

Number	category	subdivision
851	looped	nd
853	twined	open simple twining

856	twined	nd
1034	pendant	flat bone, braiding tool
1035	pendant	tooth pendant
1534	looped	nd

Associated radiocarbon samples

Sample	material	size (mg)	radiocarbon age (BP)	±	delta13 ‰
MAMS-13587	charcoal	8,9	4614	24	-26,8

Associated macrobotanical remains

taxon	topology	comp. rem.	fragment	weight (g)	artifact
LILIOPSIDA	stem		1	2	
CYPERACEAE	stem		1	7	856

Associated vertebratae remains

mammalia: physeteridae: Physeter; artifact 1035; 1 tooth  
 mammalia: camelidae or cervidae; artzefact 1034, 1 bone  
 mammalia: camelidae; 1 molar

Associated invertebratae remains

*Choromytilus chorus*; weight: 0 g; MNI: 1; no further information; the MNI was avarged; mentioned in the final inventory

**Feature 4484      burial**

Burial: 59      Unit: 6    excavated in 2009    Group: St\_16\_bu

Period: archaic; Phase: 1

Description: Burial 59 is a single, primary burial. It is located in the southeast of a large pit (Feature 4491) and thus in the northern center of Unit 6. The burial was deposited in a pit that was covered with a stone plaster. The burial pit was of irregular oval shape and orientated from northeast to southwest. It was 93 cm long, 61 cm wide and 40 cm deep. The walls were inclined in the bottom concave. The burial pit was covered with a loose stone plaster consisting of 8 big and middle-sized stones. Below the plaster and partly visible in the parts uncovered by stones the burial pit was filled with loose, clumpy soil of beige color, mixed with plant remains, small stones, gravel and small charcoal remains. In the pit very fine, small modern huarango roots were found. Under the filling material the remain of a mat made of plant fibers was located. It was dense, but badly preserved and decayed by touching. Below the mat the individual was deposited. In some parts of the body the remains of a fine, probably looped textile made of plant remains were located. Those were clumpy, black and burned. Below the individual the remains of a mat of the same technique as the uppermost one were located. Within the filling material the remains of a bird, a rodent, a not further determinable animal remain, plant remains (*Prosopis pallida*, *Cucurbita* sp., *Typha* sp., *Cucurbitae*, and nd), one oval shell bead, one discoidal bead, one obsidian flake and a bone pendant were found.

Stratigraphic position: above: 4481-2; below: 4481-1

Location (closest features): north: 4483; west: 4481-2

On figure(s): 41d-f; 42a; 45; 55b; 56d

Anthropological information

Individual: 59    age class:adult    est. age: 30 years    sex:    female

Description of skeleton: The skeleton is good preserved. It has a dark color that could originate in decaying processes. The individual was deposited on the bottom of the burial pit. It was deposited in a supine, right-flexed position. The cranium was located in the northeast and turned upwards. This turning of the cranium was produced by the deposition of the cranium on the pit wall. Thus the mandible was located on the chest and the cranium was slightly towering above the rest of the skeleton. The direction of view was towards the southwest. The right arm was lateral extended. The left arm was flexed and the hand located on the lower ribs. The legs were extremely flexed towards the right side with the knees above the line of the pelvis. The lower legs were extremely flexed and the feet located close below the pelvis line. The right leg was located below the left leg, but the feet were crossed with the remains of the right foot on top of the remains of the left foot.

Associated artifacts

Number	category	subdivision
1020	looped	nd
1036	pendant	flat bone, braiding tool
1157	bead	oval shell bead

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1158	bead	discoidal shell bead
1398	blade	knife
1535	twined	nd

Associated radiocarbon samples

Sample	material	size (mg)	radiocarbon age (BP)	±	delta13 ‰
MAMS-13588	charcoal	12,5	4637	32	-26,2

Associated macrobotanical remains

taxon	topology	comp. rem.	fragment	total	weight (g)
<i>Prosopis pallida</i>	fruit		7	7	1
<i>Typha</i> sp.	leaf		10	10	10
ND	n.d.		1	1	9
CUCURBITACEAE	seed	3	1	4	0,5
<i>Cucurbita</i> sp.	seed	5	4	9	0,5

Associated vertebratae remains

aves: indeterminate; 1 fibula fragment, 1 humerus proximal epiphysis fragment  
 mammalia: camelidae or cervidae; artifact 1036; 1 burned bone (probably metapodius)  
 mammalia: rodentia; 1 incisor, 1 long bone epiphyysis, 1 fragment of right mandible  
 ND: ND; 14 long bone fragments

Associated invertebratae remains

Species	weight	MNI	artifact	comment
<i>Cryphiops caementarius</i>	0 g	1		
<i>Fissurella</i> sp.	0,1 g	1	1157	

**Feature 4485 pit**

Unit: 6 excavated in 2009 Group: Group\_16

Period: archaic; Phase: 0

Description: Feature 4485 was a pit in the northeast of Unit 6. It was oval, orientated from northeast to southwest. It was 39 cm long, 30 cm wide and 7 cm deep. The walls were inclined and the bottom was concave. The filling material consisted of loose, fine, humid soil of dark beige color, mixed with small stones and some fire marks.

Comments: The humidity originated from the close modern irrigation channel.

Stratigraphic position: above: NaSuU6; below: 4480

Location (closest features): north: 4486; west: 9879

On figure(s): Plan 7; Plan 8; Plan 9-11

**Feature 4486 disturbed burial**

Burial: 60 Unit: 6 excavated in 2009 Group: Group\_16

Period: archaic; Phase: 0

Description: Burial 60 is a disturbed burial. It is located in the northeast of Unit 6. Some human remains were located within a pit. The pit was of regular circular shape with a diameter of 28 cm and a depth of 10 cm. The walls were very inclined and the bottom concave. It was filled with loose, fine soil of dark beige color. The material was relatively humid. The remains of some fire marks were located within the material. The material was mixed with charcoal remains, gravel and rubble. Within the material some sparse human remains were mixed.

Stratigraphic position: above: NaSuU6; below: 4480

Location (closest features): north: 4487; south: 4434; west: 9879

On figure(s): 45; Plan 9-11

Anthropological information

Individual: 60 age class: infans 1 est. age: indeterminate sex: indeterminate

Description of skeleton: The human remains were disarticulated and badly preserved. They were mixed within the filling material and consisted of one clavícula, remains of small ribs, one molar, one fibula. Due to the size of the bones and the molar the bones probably originate from a child in the age of infans 1.

Associated radiocarbon samples

Sample	material	size (mg)	radiocarbon age (BP)	±	delta13 ‰
MAMS-13589-2	charcoal	6,6	4756	25	-16,3

.....  
**Feature 4487      pit**

Unit: 6    excavated in 2009 Group: Group\_16

Period: archaic; Phase: 0

Description: Feature 4487 was a pit in the northeast of Unit 6. It was oval, orientated from northeast to southwest. It was 44 cm long, 34 cm wide and 7 cm deep. The walls were vertical and the bottom plane. The filling material consisted of loose, fine, humid soil of dark beige color, mixed with small stones and some fire marks.

Comments: The humidity originated from the close modern irrigation channel.

Stratigraphic position: above: NaSuU6; below: 4480

Location (closest features): south: 4486; west: 9870

On figure(s): Plan 7; Plan 8; Plan 9-11

.....  
**Feature 4488      animal deposition**

Unit: 6    excavated in 2009 Group: St\_16\_bu

Period: archaic; Phase: 1

Description: Feature 4488 was a pit in the east of a large pit (Feature 4491) in the northern center of Unit 6. Within the pit the remains of a large bird of prey (eagle?) were deposited. The pit was of oval shape, orientated from north to south. It was 26 cm long, 14 cm wide and 25 cm deep. The walls were steep and the bottom concave. It was filled with fine, loose soil of beige color, mixed with gravel. On the bottom the articulated remains of a bird of prey were located. The head of the animal was located in the north.

Stratigraphic position: above: 4481-2; below: 4481-1

Location (closest features): north: 4482; south: 4481-2; west: 4481-2

On figure(s): 41d

Associated vertebratae remains

aves: bird of prey; 1 left accessorius of metatarsus, 1 right accessorius of metatarsus, 4 basal phalanx (first digit ?), 2 carina costae side fragments, 1 left carpometacarpus (metacarpus III missing), 1 right carpometacarpus, 1 caudal vertebra, 7 cervical vertebrae, 1 right coracoid, 1 part of left coracoid (distal epiphysis and part of diaphysis), 1 left coracoid proximal epiphysis, 6 costae proximal epiphysis, 3 costae diaphysis, 2 cranium fragments, 1 not determined large part of cranium, 1 right femur, 1 left femur, 1 right first phalanx of third digit, 1 left first phalanx of third digit left, 1 left humerus, 1 right humerus, 1 left pelvis acetabulum, 3 pelvis fragments, 1 phalanx, 1 right radius, 1 left radius, 1 right scapula, 1 left scapula, 1 short bone (???), 1 synsacrum, 1 tarsometatarsus (proximal epiphysis and part of diaphysis), 1 tarsometatarsus, 1 terminal phalanx (remains of eagle ?), 1 terminal phalanx (remains), 6 thoracic vertebrae, 1 tibiotarsus (proximal epiphysis), 1 tibiotarsus (distal epiphysis and parts of diaphysis), 1 left ulna, 1 right ulna

.....  
**Feature 4489      use floor**

Unit: 6    excavated in 2009 Group: St\_16\_dw

Period: archaic; Phase: 0

Description: Feature 4489 was a use floor in the lower part of a large pit (Feature 4491) in the northern center of Unit 6. It was distributed in the southern part of the large pit and disturbed in the center by a fireplace (Feature 4490) and in the north by an intrusive burial (Burial 58, Feature 4483). In the south it was disturbed by another intrusive burial (Burial 59, Feature 4484). Thus it had an irregular shape. The maximum length was 233 cm from north to south, the maximum width was 233 cm from west to east. The depth varied between 9 and 14 cm. The filling material consisted of semi-compact, muddy soil of brown yellowish color, mixed with charcoal remains and few gravel. The material was relatively wet during the excavation.

Stratigraphic position: above: 4491; below: 4481-2

Location (closest features): north: 4490; west: 4394

On figure(s): 41e

Associated artifacts

Number	category	subdivision
1172	pendant	snail shell pendant

Associated radiocarbon samples

Sample	material	size (mg)	radiocarbon age (BP)	±	delta13 ‰
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MAMS-13590	charcoal	4,8	4746	33	-19,2
Associated invertebratae remains					
Species	weight	MNI	artifact	comment	
Acanthina crassilabrum	43,8 g	1	1172		

**Feature 4490 fireplace**

Unit: 6 excavated in 2009 Group: St\_16\_dw

Period: archaic; Phase: 0

Description: Feature 4490 was a fireplace in the center of the bottom of a large pit (Feature 4491) and thus located in the northern central part of Unit 6. The feature was partly damaged by the pit of Burial 58 (Feature 4483). Thus the shape was irregular semilunar, orientated from northwest to southeast. It was 148 cm long, 107 cm wide and 10 cm deep. The bottom was irregular. The filling material consisted of muddy, burned soil of dark color with charcoal remains and some plant remains. Furthermore a small concentration of soil of brown-orange color, mixed with charcoal remains and some gravel. The humidity originated from the close modern irrigation channel.

Stratigraphic position: above: 4491; below: 4481-2

Location (closest features): north: 4491; east: 4491; south: 4491; west: 4491

On figure(s): 41e

Associated artifacts

Number	category	subdivision
1347	stone bowl	stone bowl circular
1348	handstone	handstone (medium)-palette
1513	bottle gourd epicarp	bottle gourd vessel

Associated macrobotanical remains

taxon	topology	comp. rem.	fragment	weight (g)	artifact
Lagenaria siceraria	fruit		25	3	1513
Prosopis pallida	fruit		1	0,5	
ND	seed		8	0,5	
Prosopis pallida	seed	4		0,5	

Associated vertebratae remains

mammalia: rodentia; 1 burned long bone

Associated invertebratae remains

*Choromytilus chorus*; weight: 0 g; MNI: 1; no further information; MNI was avarged; mentioned as fragments in the final inventory

**Feature 4491 pit**

Unit: 6 excavated in 2009 Group: St\_16\_dw

Period: archaic; Phase: 0

Description: Feature 4491 was a large pit in the northern center of Unit 6. It was encarved into the natural surface. It was of oval shape orientated from north to south. The bottom was plane and the walls were steep. Due to the inclination in this area the walls in the west and east were declining in altitude towards the south. The maximum length was 287 cm, the maximum width was 257 cm. The depth varied between 90 cm in the north and 44 cm in the south. Some intrusive features disturbed the large pit on the bottom and edges (Features 4474, 4484 (Burial 59), 4483 (Burial 58), 4482 (Burial 57)). The bottom was made in the natural surface with beige yellowish color, but some small charcoal remains were intrusive.

Stratigraphic position: above: NaSuU6; below: 4489; 4490

Location (closest features): north: 9877; west: 4440

On figure(s): 41b-f; 42a

**Feature 9698 pit**

Unit: 13 and partly: 5 excavated in 2005 Group: St\_03\_dw

Period: archaic; Phase: 5

Description: Feature 9698 was a pit in the north of the bottom of a large pit (Feature 3231) and thus located in the south of Unit 13 reaching partly into Unit 5. It was oval, orientated from west to east. It was 50 cm long, 41 cm wide and

50 cm deep. The shape of the walls and the filling material was not reported.

Comments: The feature was briefly described within the original description of Feature 3231.

Stratigraphic position: above: 3231; below: 3214

Location (closest features): north: 3231; east: 3231; south: 3231; west: 3233

On figure(s): 30d

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**Feature 9699      fire mark**

Unit: 13 excavated in 2005 Group: St\_01\_dw

Period: archaic; Phase: 5

Description: Feature 9699 was a small fire mark on the southeastern bottom of a large pit (Feature3220) and thus located in the northwest of Unit 13. The shape of the feature was irregular oval, orientated from northwest to southeast. It was 49 cm long and 22 cm wide. The depth is unknown, but the material was probably very thin. The material consisted of burned soil.

Comments: The feature was reconstructed from the drawing information.

Stratigraphic position: above: 3220; below: 3223

Location (closest features): north: 3223; east: 3220; south: 3220; west: 3220

On figure(s): 30

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**Feature 9700      compaction**

Unit: 18 excavated in 2009

Period: ceramic; Phase: ceramic

Description: a zone of compact material; located in the southwest of Unit 18

Comments: reconstructed by the drawing information

Stratigraphic position: above: 4454; below: 9730

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**Feature 9701      pit**

Unit: 18 excavated in 2009 Group: Group\_35

Period: archaic; Phase: 3

Description: Feature 9701 was a small pit in the northeast of Unit 18. It was of oval shape, orientated from northwest to southeast. It was 19 cm long and 11 cm wide. The depth and the filling material is unknown.

Comments: The feature was reconstructed from the description and the drawings of the natural surface in Unit 18.

Stratigraphic position: above: NaSuU18; below: 4449-1

Location (closest features): north: 9793; east: 9738; south: 4446; west: 9739

On figure(s): Plan 13

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**Feature 9702      pit**

Unit: 18 excavated in 2009

Period: ceramic; Phase: ceramic

Description: a small pit of the ceramic occupation; located in the northeast of Unit 18

Comments: reconstructed from the drawings; no detailed original description available

Stratigraphic position: above: 4447-3; below: 4443

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**Feature 9703      post hole**

Unit: 18 excavated in 2009 Group: Group\_36

Period: archaic; Phase: 3

Description: Feature 9703 was a small post hole in the center of Unit 18. It had a circular shape with a diameter of 9 cm. The depth and the filling material are unknown.

Comments: The feature was reconstructed from the description and the drawings of the natural surface in Unit 18.

Stratigraphic position: above: NaSuU18; below: 4447

Location (closest features): north: 9733; east: 9728; south: 4449-1; west: 9704

On figure(s): Plan 13

.....  
**Feature 9704 post mark**

Unit: 18 excavated in 2009 Group: Group\_36

Period: archaic; Phase: 3

Description: Feature 9731 was post mark in the south of Unit 18. It was of circular shape, with a diameter of 11 cm. The depth is unknown.

Comments: The feature was mentioned on the drawings but not described in detail. Thus no information about the filling material is given.

Stratigraphic position: above: NaSuU18; below: 4447

Location (closest features): north: 9732; east: 9703; west: 9732

On figure(s): Plan 13

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**Feature 9705 pit**

Unit: 9 and partly: 18 excavated in 2009

Period: archaic; Phase: 3

Description: Feature 9705 is a probably pit in the southeast of Unit 9 and northeast of Unit 18. It was of irregular oval shape and orientated from east to west. It was 187 cm long and 130 cm wide, the depth is unknown.

Comments: The feature was mentioned on the drawings but not described in detail. Thus no information about the filling material is given.

Stratigraphic position: above: NaSuU18; NaSuU9; below: 9763

Location (closest features): north: 9802; south: 9735; west: 9793

On figure(s): Plan 12; Plan 13

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**Feature 9706 pit**

Unit: 18 excavated in 2009 Group: Group\_37

Period: archaic; Phase: 3

Description: Feature 9706 was a small pit in the northwest of Unit 18. It was irregular shaped. The maximum length was 47 cm and the maximum width was 37 cm. The depth is unknown.

Comments: The feature was mentioned on the drawings but not described in detail. Thus no information about the filling material is given.

Stratigraphic position: above: NaSuU18; below: 4449-2

Location (closest features): north: 9756; east: 9743; south: 9731

On figure(s): Plan 13

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**Feature 9707 post hole**

Unit: 18 excavated in 2009 Group: Group\_35

Period: archaic; Phase: 3

Description: Feature 9707 was a small post hole in the southern central part of Unit 18. It was circular with a diameter of 11 cm. The depth is unknown.

Comments: The feature was mentioned on the drawings but not described in detail. Thus no information about the filling material is given.

Stratigraphic position: above: NaSuU18; below: 4449-1

Location (closest features): north: 9724; east: 4450; south: 9708; west: 9700

On figure(s): Plan 13

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**Feature 9708 post hole**

Unit: 18 excavated in 2009 Group: Group\_35

Period: archaic; Phase: 3

Description: Feature 9708 was a small post hole in the southern central part of Unit 18. It had an regular oval shape and was orientated from northwest to southeast. It was 12 cm long and 8 cm wide. The depth is unknown.

Comments: The feature was mentioned on the drawings but not described in detail. Thus no information about the

filling material is given.

Stratigraphic position: above: NaSuU18; below: 4449-1

Location (closest features): north: 9707; east: 4450; west: 9709

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**Feature 9709**      **post hole**

Unit: 18 excavated in 2009 Group: Group\_31

Period: ceramic; Phase: ceramic

Description: a small post hole of the ceramic occupation; located in the south of Unit 18

Comments: reconstructed from the drawings; no detailed original description available

Stratigraphic position: above: 4457; below: 4448

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**Feature 9710**      **post hole**

Unit: 18 excavated in 2009 Group: Group\_31

Period: ceramic; Phase: ceramic

Description: a small post hole of the ceramic occupation; located in the south of Unit 18

Comments: reconstructed from the drawings; no detailed original description available

Stratigraphic position: above: 4457; below: 4448

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**Feature 9711**      **post hole**

Unit: 18 excavated in 2009 Group: Group\_34

Period: archaic; Phase: 5

Description: Feature 9711 was a small post hole in the southern central part of Unit 18. It was circular with a diameter of 8 cm. The depth is unknown.

Comments: The feature was mentioned on the drawings but not described in detail. Thus no information about the filling material is given.

Stratigraphic position: above: NaSuU18; below: 4457

Location (closest features): north: 9728; east: 9710; west: 9729

On figure(s): Plan 12; Plan 13

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**Feature 9712**      **pit**

Unit: 18 excavated in 2009

Period: archaic; Phase: 5

Description: Feature 9712 was a pit on the bottom of a pit (Feature 4452). It was thus located in the southwest of Unit 18. It was of relatively regular circular shape, with a diameter of 75 cm. The depth is unknown.

Comments: The feature was mentioned on the drawings but not described in detail. Thus no information about the filling material is given.

Stratigraphic position: above: 4452; below: 4457

Location (closest features): north: 4472; east: 9729

On figure(s): Plan 12; Plan 13

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**Feature 9713**      **pit**

Unit: 18 excavated in 2009

Period: ceramic; Phase: ceramic

Description: a pit of the ceramic occupation; located in the southeast of Unit 18; the pit partly damaged the edges of a larger pit (Feature 4446)

Comments: reconstructed from the drawings; no detailed original description available

Stratigraphic position: above: 4450; below: 4443

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**Feature 9714**      **post hole**

Unit: 18 excavated in 2009 Group: St\_14\_dw

Period: archaic; Phase: 5

Description: Feature 9714 was a small post hole in the north of the bottom of a large pit (Feature 4446). It was thus located in the east of Unit 18. It was of circular shape, with a diameter of 13 cm. The depth is unknown.

Comments: The feature was mentioned on the drawings but not described in detail. Thus no information about the filling material is given.

Stratigraphic position: above: 4446; below: 4450

Location (closest features): north: 9738; east: 4446; south: 9716; west: 4446

On figure(s): 37e; 38e

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**Feature 9715      pit**

Unit: 18 excavated in 2009 Group: St\_14\_dw

Period: archaic; Phase: 5

Description: Feature 9715 was a pit in the north of the bottom of a large pit (Feature 4446). It was thus located in the east of Unit 18. It was of irregular kidney shape in the surface and orientated from east to west. It was 57 cm long and had a maximum width of 20 cm. The depth is unknown.

Comments: The feature was mentioned on the drawings but not described in detail. Thus no information about the filling material is given.

Stratigraphic position: above: 4446; below: 4450

Location (closest features): north: 9714; east: 4446; south: 4446; west: 4446

On figure(s): 37e; 38e

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**Feature 9716      post hole**

Unit: 18 excavated in 2009 Group: Group\_35

Period: archaic; Phase: 3

Description: Feature 9716 was a small post hole in the center of Unit 18. It was of circular shape with a diameter of 12 cm. The depth is unknown.

Comments: The feature was mentioned on the drawings but not described in detail. Thus no information about the filling material is given.

Stratigraphic position: above: NaSuU18; below: 4449-1

Location (closest features): north: 9740; south: 9723; west: 9735

On figure(s): Plan 13

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**Feature 9717      post hole**

Unit: 18 excavated in 2009 Group: Group\_30

Period: ceramic; Phase: ceramic

Description: a small post hole of the ceramic occupation; located in the center of Unit 18

Comments: reconstructed from the drawings; no detailed original description available

Stratigraphic position: above: 4448; below: 4443

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**Feature 9718      post hole**

Unit: 18 excavated in 2009 Group: Group\_30

Period: ceramic; Phase: ceramic

Description: a small post hole of the ceramic occupation; located in the center of Unit 18

Comments: reconstructed from the drawings; no detailed original description available

Stratigraphic position: above: 4448; below: 4443

---

**Feature 9719      pit**

Unit: 18 excavated in 2009 Group: Group\_35

Period: archaic; Phase: 3

Description: Feature 9719 was a pit on the northwestern edge of the bottom of a large pit (Feature 4446). It was thus located in the center of Unit 18. It was of regular oval shape, orientated from the north to the south. It was 45 cm long and 40 cm wide. The depth is unknown.

Comments: The feature was mentioned on the drawings but not described in detail. Thus no information about the filling material is given.

Stratigraphic position: above: NaSuU18; below: 4449-1

Location (closest features): north: 9794; east: 4446; south: 9720; west: 4452

On figure(s): 37e; 38e; Plan 13

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**Feature 9720      post hole**

Unit: 18 excavated in 2009 Group: St\_14\_dw

Period: archaic; Phase: 5

Description: Feature 9720 was a small post hole on the western edge of the bottom of a large pit (Feature 4446) and thus in the center of Unit 18. It was of regular oval shape and orientated from the north towards the south. It was 18 cm long and 14 cm wide. The depth is unknown.

Comments: The feature was mentioned on the drawings but not described in detail. Thus no information about the filling material is given.

Stratigraphic position: above: 4446; below: 4450

Location (closest features): north: 9719; east: 4446; south: 4446; west: 9728

On figure(s): 37e; 38e

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**Feature 9721      post hole**

Unit: 18 excavated in 2009

Period: ceramic; Phase: ceramic

Description: a small post hole of the ceramic occupation; located within Feature 9722; located in the south of Unit 18

Comments: reconstructed from the drawings; no detailed original description available

Stratigraphic position: above: 9722

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**Feature 9722      post hole**

Unit: 18 excavated in 2009 Group: Group\_32

Period: ceramic; Phase: ceramic

Description: a post hole of the ceramic occupation; located in the south of Unit 18

Comments: reconstructed from the drawings; no detailed original description available

Stratigraphic position: above: 4449-1; below: 4448; 9721

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**Feature 9723      post hole**

Unit: 18 excavated in 2009 Group: Group\_35

Period: archaic; Phase: 3

Description: Feature 9723 was a small post hole in the center of Unit 18. It was regular oval shaped and orientated from the northeast to the southwest. It was 22 cm long and 14 cm wide. The depth is unknown.

Comments: The feature was mentioned on the drawings but not described in detail. Thus no information about the filling material is given.

Stratigraphic position: above: NaSuU18; below: 4449-1

Location (closest features): north: 9716; south: 9724; west: 9725

On figure(s): Plan 13

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**Feature 9724      post hole**

Unit: 18 excavated in 2009 Group: Group\_35

Period: archaic; Phase: 3

Description: Feature 9724 was a post hole in the center of Unit 18. It was of regular oval shape, orientated from east to west. It was 37 cm long and 30 cm wide. The depth is unknown.

Comments: The feature was mentioned on the drawings but not described in detail. Thus no information about the filling material is given.

Stratigraphic position: above: NaSuU18; below: 4449-1

Location (closest features): north: 9725; south: 9707; west: 9272

On figure(s): Plan 13

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**Feature 9725**      **post hole**

Unit: 18 excavated in 2009 Group: Group\_35

Period: archaic; Phase: 3

Description: Feature 9725 was a small post hole in the center of Unit 18. It was regular circular with a diameter of 12 cm. The depth is unknown.

Comments: The feature was mentioned on the drawings but not described in detail. Thus no information about the filling material is given.

Stratigraphic position: above: NaSuU18; below: 4449-1

Location (closest features): north: 9751; east: 9724; south: 9707; west: 9727

On figure(s): Plan 13

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**Feature 9726**      **post hole**

Unit: 18 excavated in 2009 Group: Group\_36

Period: archaic; Phase: 3

Description: Feature 9726 was small post hole in the center of Unit 18. It was of regular circular shape with a diameter of 15 cm. The depth is unknown.

Comments: The feature was mentioned on the drawings but not described in detail. Thus no information about the filling material is given.

Stratigraphic position: above: NaSuU18; below: 4447

Location (closest features): north: 9727; east: 9724; south: 9707; west: 9733

On figure(s): Plan 13

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**Feature 9727**      **post hole**

Unit: 18 excavated in 2009 Group: Group\_36

Period: archaic; Phase: 3

Description: Feature 9727 was a small post hole in the center of Unit 18. It was of regular circular shape with a diameter of 9 cm. The depth is unknown.

Comments: The feature was mentioned on the drawings but not described in detail. Thus no information about the filling material is given.

Stratigraphic position: above: NaSuU18; below: 4447

Location (closest features): north: 9751; east: 9752; south: 9726; west: 9733

On figure(s): Plan 13

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**Feature 9728**      **post hole**

Unit: 18 excavated in 2009 Group: Group\_34

Period: archaic; Phase: 5

Description: Feature 9728 was a small post hole in the center of Unit 18. It was of regular circular shape with a diameter of 10 cm. The depth is unknown.

Comments: The feature was mentioned on the drawings but not described in detail. Thus no information about the filling material is given.

Stratigraphic position: above: NaSuU18; below: 4457

Location (closest features): north: 9826; east: 4446; south: 9711; west: 9729

On figure(s): Plan 12; Plan 13

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**Feature 9729**      **post hole**

Unit: 18 excavated in 2009 Group: Group\_34

Period: archaic; Phase: 5

Description: Feature 9729 was a small post hole in the center of Unit 18. It was of regular circular shape with a diameter of 10 cm. The depth is unknown.

ter of 8 cm. The depth is unknown.

Comments: The feature was mentioned on the drawings but not described in detail. Thus no information about the filling material is given.

Stratigraphic position: above: NaSuU18; below: 4457

Location (closest features): north: 4472; east: 9711; west: 4452

On figure(s): Plan 12; Plan 13

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**Feature 9730      post hole**

Unit: 18 excavated in 2009

Period: ceramic; Phase: ceramic

Description: small post hole of the ceramic occupation; located in the center of Unit 18

Comments: reconstructed from the drawings; no detailed original description available

Stratigraphic position: above: 4447; 9700; below: 4448

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**Feature 9731      post hole**

Unit: 18 excavated in 2009 Group: Group\_36

Period: archaic; Phase: 3

Description: Feature 9731 was post hole in the west of Unit 18. It was of regular oval shape, orientated from north to south. It was 24 cm long and 22 cm wide. The depth is unknown.

Comments: The feature was mentioned on the drawings but not described in detail. Thus no information about the filling material is given.

Stratigraphic position: above: NaSuU18; below: 4447

Location (closest features): north: 9706; east: 9732

On figure(s): Plan 13

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**Feature 9732      post hole**

Unit: 18 excavated in 2009 Group: Group\_36

Period: archaic; Phase: 3

Description: Feature 9732 was a small post hole in the west of Unit 18. It was of regular oval shape, orientated from north to south. It was 18 cm long and 12 cm wide. The depth is unknown.

Comments: The feature was mentioned on the drawings but not described in detail. Thus no information about the filling material is given.

Stratigraphic position: above: NaSuU18; below: 4447

Location (closest features): north: 9744; east: 9733; west: 9731

On figure(s): Plan 13

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**Feature 9733      post hole**

Unit: 18 excavated in 2009 Group: Group\_36

Period: archaic; Phase: 3

Description: Feature 9733 was a small post hole in the center of Unit 18. It was of regular circular shapewith a diameter of 12 cm. The depth is unknown.

Comments: The feature was mentioned on the drawings but not described in detail. Thus no information about the filling material is given.

Stratigraphic position: above: NaSuU18; below: 4447

Location (closest features): north: 9734; east: 9726; west: 9732

On figure(s): Plan 13

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**Feature 9734      post hole**

Unit: 18 excavated in 2009 Group: Group\_36

Period: archaic; Phase: 3

Description: Feature 9734 was a small post hole in the center of Unit 18. It was of regular circular shapewith a diame-

ter of 17 cm. The depth is unknown.

Comments: The feature was mentioned on the drawings but not described in detail. Thus no information about the filling material is given.

Stratigraphic position: above: NaSuU18; below: 4447

Location (closest features): north: 9747; east: 9716; south: 9733; west: 9706

On figure(s): Plan 13

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**Feature 9735      pit**

Unit: 18 excavated in 2009 Group: Group\_33

Period: archaic; Phase: 5

Description: Feature 9735 was a pit on the northeastern edge of Unit 18. It was of irregular oval shape, but with a straight edge towards the edge of Unit 18. It was orientated from northwest to southeast. It was 70 cm long and 54 cm wide. The depth is unknown.

Comments: The feature was mentioned on the drawings but not described in detail. Thus no information about the filling material is given.

Stratigraphic position: above: NaSuU18; below: 4447-3

Location (closest features): north: 9763; south: 9736; west: 9793

On figure(s): Plan 12; Plan 13

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**Feature 9736      post hole**

Unit: 18 excavated in 2009 Group: Group\_33

Period: archaic; Phase: 5

Description: Feature 9736 was a post hole in the northeast of Unit 18. It was of regular oval shape, orientated from the northeast to the southwest. It was 20 cm long and 16 cm wide. The depth is unknown. It is arranged in a line, orientated from northeast to southwest with the Features 9737 and 9738.

Comments: The feature was mentioned on the drawings but not described in detail. Thus no information about the filling material is given.

Stratigraphic position: above: NaSuU18; below: 4447-3

Location (closest features): north: 9735; south: 9737

On figure(s): Plan 12; Plan 13

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**Feature 9737      post hole**

Unit: 18 excavated in 2009 Group: Group\_33

Period: archaic; Phase: 5

Description: Feature 9737 was a small post hole in the northeast of Unit 18. It was of regular circular shape with a diameter of 11 cm. The depth is unknown. It is arranged in a line, orientated from northeast to southwest with the Features 9736 and 9738.

Comments: The feature was mentioned on the drawings but not described in detail. Thus no information about the filling material is given.

Stratigraphic position: above: NaSuU18; below: 4447-3

Location (closest features): north: 9736; south: 9738

On figure(s): Plan 12; Plan 13

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**Feature 9738      post hole**

Unit: 18 excavated in 2009 Group: Group\_33

Period: archaic; Phase: 5

Description: Feature 9738 was a post hole in the northeast of Unit 18. It was of regular oval shape, orientated from the northeast to the southwest. It was 34 cm long and 26 cm wide. The depth is unknown. It is arranged in a line, orientated from northeast to southwest with the Features 9736 and 9737.

Comments: The feature was mentioned on the drawings but not described in detail. Thus no information about the filling material is given.

Stratigraphic position: above: NaSuU18; below: 4447-3

Location (closest features): north: 9737; south: 4446

On figure(s): Plan 12; Plan 13

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**Feature 9739**      **post hole**

Unit: 18 excavated in 2009 Group: Group\_32

Period: ceramic; Phase: ceramic

Description: post hole of the ceramic occupation; located in the north of Unit 18

Comments: reconstructed from the drawings; no detailed original description available

Stratigraphic position: above: 4449-1; below: 4448

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**Feature 9740**      **post hole**

Unit: 18 excavated in 2009 Group: Group\_35

Period: archaic; Phase: 3

Description: Feature 9740 was a post hole in the center of Unit 18. It was of regular oval shape, orientated from north to south. It was 26 cm long and 19 cm wide. The depth is unknown.

Comments: The feature was mentioned on the drawings but not described in detail. Thus no information about the filling material is given.

Stratigraphic position: above: NaSuU18; below: 4449-1

Location (closest features): north: 9741; south: 9716; west: 9748

On figure(s): Plan 13

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**Feature 9741**      **post hole**

Unit: 18 excavated in 2009 Group: Group\_35

Period: archaic; Phase: 3

Description: Feature 9741 was a post hole in the northeast of Unit 18. It was of regular oval shape, orientated from north to south. It was 22 cm long and 17 cm wide. The depth is unknown.

Comments: The feature was mentioned on the drawings but not described in detail. Thus no information about the filling material is given.

Stratigraphic position: above: NaSuU18; below: 4449-1

Location (closest features): east: 9705; south: 9740; west: 9750

On figure(s): Plan 13

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**Feature 9742**      **pit**

Unit: 18 excavated in 2009

Period: ceramic; Phase: ceramic

Description: a small pit of the ceramic occupation; located in the north of Unit 18

Comments: mentioned as pit 2 in the description of Feature 4447

Stratigraphic position: above: 4448; below: 4444-1

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**Feature 9743**      **post hole**

Unit: 18 excavated in 2009 Group: St\_17\_dw

Period: archaic; Phase: 3

Description: Feature 9743 was a small post hole in the northwest of Unit 18. It was a part of a bent line consisting of eight post holes (Features 9743 - 9751) and one post remain (Feature 9750) in the southeast of a circle build of small post holes (on the edge of Feature 4462a). It was of regular circular shape with a diameter of 12 cm. The depth is unknown.

Comments: The feature was mentioned on the drawings but not described in detail. Thus no information about the filling material is given.

Stratigraphic position: above: NaSuU18; below: 4447

Location (closest features): north: 4462a; east: 9744; south: 9731; west: 9706

On figure(s): 42b; 43a; Plan 13

.....  
**Feature 9744 post hole**

Unit: 18 excavated in 2009 Group: St\_17\_dw

Period: archaic; Phase: 3

Description: Feature 9744 was a small post hole in the northwest of Unit 18. It was a part of a bent lineconsisting of eight post holes (Features 9743 - 9751) and one post remain (Feature 9750) in the southeast of a circle build of small post holes (on the edge of Feature 4462a). It was of regular circular shape with a diameter of 12 cm. The depht is unknown.

Comments: The feature was mentioned on the drawings but not described in detail. Thus no information about the filling material is given.

Stratigraphic position: above: NaSuU18; below: 4447

Location (closest features): north: 4462a; east: 9745; south: 9732; west: 9743

On figure(s): 42b; 43a; Plan 13

.....  
**Feature 9745 post hole**

Unit: 18 excavated in 2009 Group: St\_17\_dw

Period: archaic; Phase: 3

Description: Feature 9745 was a small post hole in the northwest of Unit 18. It was a part of a bent lineconsisting of eight post holes (Features 9743 - 9751) and one post remain (Feature 9750) in the southeast of a circle build of small post holes (on the edge of Feature 4462a). It was of regular circular shape with a diameter of 11 cm. The depht is unknown.

Comments: The feature was mentioned on the drawings but not described in detail. Thus no information about the filling material is given.

Stratigraphic position: above: NaSuU18; below: 4447

Location (closest features): north: 4462a; east: 9746; south: 9732; west: 9744

On figure(s): 42b; 43a; Plan 13

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**Feature 9746 post hole**

Unit: 18 excavated in 2009 Group: St\_17\_dw

Period: archaic; Phase: 3

Description: Feature 9746 was a small post hole in the northwest of Unit 18. It was a part of a bent lineconsisting of eight post holes (Features 9743 - 9751) and one post remain (Feature 9750) in the southeast of a circle build of small post holes (on the edge of Feature 4462a). It was of regular circular shape with a diameter of 13 cm. The depht is unknown.

Comments: The feature was mentioned on the drawings but not described in detail. Thus no information about the filling material is given.

Stratigraphic position: above: NaSuU18; below: 4447

Location (closest features): north: 4462a; east: 9747; south: 9734; west: 9745

On figure(s): 42b; 43a; Plan 13

.....  
**Feature 9747 post hole**

Unit: 18 excavated in 2009 Group: St\_17\_dw

Period: archaic; Phase: 3

Description: Feature 9747 was a small post hole in the northwest of Unit 18. It was a part of a bent lineconsisting of eight post holes (Features 9743 - 9751) and one post remain (Feature 9750) in the southeast of a circle build of small post holes (on the edge of Feature 4462a). It was of regular circular shape with a diameter of 13 cm. The depht is unknown.

Comments: The feature was mentioned on the drawings but not described in detail. Thus no information about the filling material is given.

Stratigraphic position: above: NaSuU18; below: 4447

Location (closest features): north: 4462a; east: 9748; south: 9734; west: 9746

On figure(s): 42b; 43a; Plan 13

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**Feature 9748      post hole**

Unit: 18 excavated in 2009 Group: St\_17\_dw

Period: archaic; Phase: 3

Description: Feature 9748 was a small post hole in the northwest of Unit 18. It was a part of a bent line consisting of eight post holes (Features 9743 - 9751) and one post remain (Feature 9750) in the southeast of a circle build of small post holes (on the edge of Feature 4462a). It was of regular oval shape, orientated from north to south. It was 21 cm long and 18 cm wide. The depth is unknown.

Comments: The feature was mentioned on the drawings but not described in detail. Thus no information about the filling material is given.

Stratigraphic position: above: NaSuU18; below: 4447

Location (closest features): north: 9749; east: 9740; south: 9734; west: 9747

On figure(s): 42b; 43a; Plan 13

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**Feature 9749      post hole**

Unit: 18 excavated in 2009 Group: St\_17\_dw

Period: archaic; Phase: 3

Description: Feature 9749 was a small post hole in the northwest of Unit 18. It was a part of a bent line consisting of eight post holes (Features 9743 - 9751) and one post remain (Feature 9750) in the southeast of a circle build of small post holes (on the edge of Feature 4462a). It was of regular circular shape with a diameter of 13 cm. The depth is unknown.

Comments: The feature was mentioned on the drawings but not described in detail. Thus no information about the filling material is given.

Stratigraphic position: above: NaSuU18; below: 4447

Location (closest features): north: 9750; east: 9741; south: 9748; west: 4462a

On figure(s): 42b; 43a; Plan 13

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**Feature 9750      post**

Unit: 18 excavated in 2009 Group: St\_17\_dw

Period: archaic; Phase: 3

Description: Feature 9750 was a small post remain in the northwest of Unit 18. It was a part of a bent line consisting of eight post holes (Features 9743 - 9751) and one post remain (Feature 9750) in the southeast of a circle build of small post holes (on the edge of Feature 4462a). The length of the post is unknown, but it was very small on the surface, covering a length of 17 cm from north to south and a width of 15 cm from east to west. The material was wood.

Comments: The feature was mentioned on the drawings but not described in detail. Thus no information about the filling material is given.

Stratigraphic position: above: NaSuU18; below: 4447

Location (closest features): north: 9751; east: 9741; south: 9749; west: 4462a

On figure(s): 42b; 43a; Plan 13

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**Feature 9751      post hole**

Unit: 18 excavated in 2009 Group: St\_17\_dw

Period: archaic; Phase: 3

Description: Feature 9751 was a small post hole in the northwest of Unit 18. It was a part of a bent line consisting of eight post holes (Features 9743 - 9751) and one post remain (Feature 9750) in the southeast of a circle build of small post holes (on the edge of Feature 4462a). It was of regular circular shape, with a diameter of 18 cm. The depth is unknown.

Comments: The feature was mentioned on the drawings but not described in detail. Thus no information about the filling material is given.

Stratigraphic position: above: NaSuU18; below: 4447

Location (closest features): east: 9741; south: 9750; west: 4462a

On figure(s): 42b; 43a; Plan 13

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**Feature 9752**      **post hole**

Unit: 18 excavated in 2009 Group: St\_17\_dw

Period: archaic; Phase: 3

Description: Feature 9752 was a small post hole on the eastern rim of a shallow large pit (Feature 4462a) and thus located in the northwest of Unit 18. It was of regular circular shape, with adiameter of 10 cm. The depth is unknown.

Comments: The feature was mentioned on the drawings but not described in detail. Thus no information about the filling material is given.

Stratigraphic position: above: 4462a; below: 4447

Location (closest features): north: 9753; east: 9750; south: 9748; west: 4462a

On figure(s): 42b; 43a

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**Feature 9753**      **post hole**

Unit: 18 excavated in 2009 Group: St\_17\_dw

Period: archaic; Phase: 3

Description: Feature 9753 was a small post hole on the eastern rim of a shallow large pit (Feature 4462a) and thus located in the northwest of Unit 18. It was of regular circular shape, with adiameter of 10 cm. The depth is unknown.

Comments: The feature was mentioned on the drawings but not described in detail. Thus no information about the filling material is given.

Stratigraphic position: above: 4462a; below: 4447

Location (closest features): north: 9754; east: 9751; south: 9749; west: 4462a

On figure(s): 42b; 43a

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**Feature 9754**      **post hole**

Unit: 18 excavated in 2009 Group: St\_17\_dw

Period: archaic; Phase: 3

Description: Feature 9754 was a small post hole on the eastern rim of a shallow large pit (Feature 4462a) and thus located in the northwest of Unit 18. It was of regular circular shape, with adiameter of 9 cm. The depth is unknown.

Comments: The feature was mentioned on the drawings but not described in detail. Thus no information about the filling material is given.

Stratigraphic position: above: 4462a; below: 4447

Location (closest features): north: 9795; east: 9751; south: 9749; west: 4462a

On figure(s): 42b; 43a

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**Feature 9755**      **post hole**

Unit: 18 excavated in 2009 Group: St\_17\_dw

Period: archaic; Phase: 3

Description: Feature 9755 was a small post hole in the southern central part of the bottom of a shallow large pit (Feature 4462a) and thus in the northwest of Unit 18. It was of regular oval shape orientated from northwest to southeast. It was 15 cm long and 12 cm wide. The depth is unknown.

Comments: The feature was mentioned on the drawings but not described in detail. Thus no information about the filling material is given.

Stratigraphic position: above: 4462a; below: 4447

Location (closest features): north: 9721; east: 9753; south: 4462a; west: 9764

On figure(s): 42b; 43a

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**Feature 9756**      **post**

Unit: 18 excavated in 2009 Group: St\_17\_dw

Period: archaic; Phase: 3

Description: Feature 9756 was a small post remain on the surface of Feature 4462a and thus located in the northwest

of Unit 18. It was circular with a diameter of 11 cm. The material was probably wood, the depth or height is unknown.

Comments: The feature was reconstructed from the description and the drawings of the natural surface in Unit 18.

Stratigraphic position: above: 4462a; below: 4447

Location (closest features): north: 9764; east: 9755; south: 9706; west: 9757

On figure(s): 42b; 43a

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**Feature 9757      post hole**

Unit: 18 excavated in 2009 Group: Group\_36

Period: archaic; Phase: 3

Description: Feature 9757 was a small post hole in the northwest of Unit 18. It was located close to a shallow, large pit (Feature 4462a). It was of regular circular shape with a diameter of 16 cm.

Comments: The feature was mentioned on the drawings but not described in detail. Thus no information about the filling material is given.

Stratigraphic position: above: NaSuU18; below: 4449-2

Location (closest features): north: 4462a; east: 9706

On figure(s): Plan 13

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**Feature 9758      fire mark**

Unit: 9 excavated in 2009 Group: Group\_23

Period: archaic; Phase: 5

Description: Feature 9758 was a small fire mark in the south of Unit 9. It was irregular oval, orientated from west to east. It was 32 cm long and 24 cm wide. The depth is unknown, but was probably very fine. The material consisted of burned soil with charcoal.

Comments: The feature was reconstructed from the description and the drawings of the natural surface in Unit 9, where it was mentioned as „mancha de quema“.

Stratigraphic position: above: NaSuU9; below: 4459

Location (closest features): north: 9798; east: 9759; south: 4449-1; west: 9767

On figure(s): Plan 12; Plan 13

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**Feature 9759      fire mark**

Unit: 9 excavated in 2009 Group: Group\_22

Period: archaic; Phase: 5

Description: Feature 9759 was a small fire mark in the south of Unit 9. It was irregular circular, orientated from west to east. With a diameter of 32 cm. The depth is unknown, but was probably very fine. The material consisted of burned soil with charcoal.

Comments: The feature was reconstructed from the description and the drawings of the natural surface in Unit 9, where it was mentioned as „mancha de quema“.

Stratigraphic position: above: NaSuU9; below: 4459

Location (closest features): north: 9799; east: 9793; south: 4449-1; west: 9798

On figure(s): Plan 12; Plan 13

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**Feature 9761      alluvial sediment**

Unit: 9 excavated in 2009

Period: ceramic; Phase: ceramic

Description: a small patch of alluvial sediment in the southeast of Unit 9 (campaign of 2009)

Comments: originally described together with Feature 4461; reconstructed using the drawings

Stratigraphic position: above: 9763; below: 4459

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**Feature 9762      post hole**

Unit: 9 excavated in 2009

Period: archaic; Phase: 4

Description: Feature 9762 was a small post hole in the center of Unit 9. It was located southwest of a large pit (Feature 4472). It was of regular oval shape, orientated from west to east. It was 11 cm long and 8 cm wide. The depth is unknown.

Comments: The feature was mentioned on the drawings but not described in detail. Thus no information about the filling material is given.

Stratigraphic position: above: NaSuU9; below: 4458

Location (closest features): north: 4472

On figure(s): Plan 12; Plan 13

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**Feature 9763 post hole**

Unit: 9 and partly: 18 excavated in 2009

Period: archaic; Phase: 5

Description: Feature 9763 was a small post hole in the bottom of Feature 9705 in the southeast of Unit 9. It was of regular circular shape, with a diameter of 10 cm. The depth is unknown.

Comments: The feature was mentioned on the drawings but not described in detail. Thus no information about the filling material is given.

Stratigraphic position: above: 9705; below: 9761

Location (closest features): west: 9705

On figure(s): Plan 12; Plan 13

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**Feature 9764 pit**

Unit: 9 and partly: 18 excavated in 2009 Group: St\_17\_dw

Period: archaic; Phase: 3

Description: Feature 9764 was a small pit in the southwestern part of the bottom of a shallow pit (Feature 4462a) and thus in the southwest of Unit 9 / northwest of Unit 18. It was of oval shape, orientated from northwest to southeast. It was 51 cm long and 39 cm wide. The depth is unknown.

Comments: The feature was mentioned on the drawings but not described in detail. Thus no information about the filling material is given.

Stratigraphic position: above: 4462a; below: 4458

Location (closest features): north: 9765; east: 9755; south: 9756; west: 4462a

On figure(s): 42b; 43a

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**Feature 9765 post hole**

Unit: 9 excavated in 2009 Group: St\_17\_dw

Period: archaic; Phase: 3

Description: Feature 9765 was a small post hole in the western part of the bottom of a shallow, large pit(4462a) and thus located in the southwest of Unit 9. It was of regular circular shape with adiameter of 8 cm. The depth is unknown.

Comments: The feature was mentioned on the drawings but not described in detail. Thus no information about the filling material is given.

Stratigraphic position: above: 4462a; below: 4458

Location (closest features): north: 9766; east: 4462a; south: 9764; west: 9768

On figure(s): 42b; 43a

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**Feature 9766 pit**

Unit: 9 excavated in 2009 Group: Group\_17

Period: ceramic; Phase: ceramic

Description: small pit of the ceramic occupation; located in the southwest of Unit 9 (campaign of 2009)

Comments: reconstructed from the drawings; no detailed original description available; appears in drawings from 2005

Stratigraphic position: above: 3106; below: 3102

.....  
**Feature 9767      pit**

Unit: 9   excavated in 2009 Group: Group\_17

Period: ceramic; Phase: ceramic

Description: a small pit of the ceramic occupation; located in the southwest of Unit 9 (campaign of 2009)

Comments: reconstructed from the drawings; no detailed original description available; appears in drawings from 2005

Stratigraphic position: above: 3106; below: 3102  
.....

**Feature 9768      pit**

Unit: 9   excavated in 2009 Group: St\_17\_dw

Period: archaic; Phase: 3

Description: Feature 9768 was a small pit in the west of the bottom of a shallow large pit (Feature 4462a) and thus in the southwest of Unit 9. It was of oval shape, orientated from north to south. It was 38 cm long and 31 cm wide.

The depth is unknown.

Comments: The feature was mentioned on the drawings but not described in detail. Thus no information about the filling material is given.

Stratigraphic position: above: 4462a; below: 4458

Location (closest features): north: 9769; east: 9765; south: 9764; west: 9767

On figure(s): 42b; 43a  
.....

**Feature 9769      pit**

Unit: 9   excavated in 2009 Group: St\_17\_dw

Period: archaic; Phase: 3

Description: Feature 9769 was a pit in the west of the bottom of a shallow, large pit (Feature 4462a) and thus located in the southwest of Unit 9. It was of oval shape, orientated from north to south. It was 29 cm long and 22 cm wide.

The depth is unknown.

Comments: The feature was mentioned on the drawings but not described in detail. Thus no information about the filling material is given.

Stratigraphic position: above: 4462a; below: 4458

Location (closest features): north: 9828; east: 9790; south: 9768; west: 4462a

On figure(s): 42b; 43a  
.....

**Feature 9790      pit**

Unit: 9   excavated in 2009 Group: St\_17\_dw

Period: archaic; Phase: 3

Description: Feature 9790 was a pit in the western part of the bottom of a shallow, large pit (Feature 4462a) and thus located in the southwest of Unit 9. It was of circular shape with a diameter of 25 cm. The depth is unknown.

Comments: The feature was mentioned on the drawings but not described in detail. Thus no information about the filling material is given.

Stratigraphic position: above: 4462a; below: 4458

Location (closest features): north: 9827; east: 9792; south: 9764; west: 9769

On figure(s): 42b; 43a  
.....

**Feature 9791      post hole**

Unit: 9   excavated in 2009 Group: St\_17\_dw

Period: archaic; Phase: 3

Description: Feature 9791 was a small post hole in the center of the bottom of a shallow, large pit (Feature 4462a) and thus located in the southwest of Unit 9. It was of regular circular shape with a diameter of 10 cm. The depth is unknown.

Comments: The feature was mentioned on the drawings but not described in detail. Thus no information about the filling material is given.

Stratigraphic position: above: 4462a; below: 4458

Location (closest features): north: 9792; east: 4462a; south: 9755; west: 9766

On figure(s): 42b; 43a

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**Feature 9792      post**

Unit: 9    excavated in 2009 Group: Group\_17

Period: ceramic; Phase: ceramic

Description: a small post in the southwest of Unit 9 (campaign of 2009)

Comments: reconstructed using the drawings

Stratigraphic position: above: 3106; below: 3102

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**Feature 9793      pit**

Unit: 9 and partly: 18      excavated in 2009 Group: Group\_20

Period: archaic; Phase: 5

Description: Feature 9793 was a small pit in the southeast of Unit 9 and partly in the northeast of Unit 18. It was of regular oval shape, orientated from north to south. It was 32 cm long and 28 cm wide. The depth is unknown.

Comments: The feature was mentioned on the drawings but not described in detail. Thus no information about the filling material is given.

Stratigraphic position: above: NaSuU9; below: 4458

Location (closest features): north: 9800; east: 9766; south: 4446; west: 9794

On figure(s): Plan 12; Plan 13

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**Feature 9794      post hole**

Unit: 9    excavated in 2009 Group: Group\_21

Period: archaic; Phase: 5

Description: Feature 9794 was a small post hole in the southern central part of Unit 9. It was of regular circular shape with a diameter of 13 cm. The depth is unknown.

Comments: The feature was mentioned on the drawings but not described in detail. Thus no information about the filling material is given.

Stratigraphic position: above: NaSuU9; below: 3146

Location (closest features): north: 9796; east: 9793; south: 4446

On figure(s): Plan 12; Plan 13

---

**Feature 9795      pit**

Unit: 9    excavated in 2009 Group: St\_17\_dw

Period: archaic; Phase: 3

Description: Feature 9795 was a pit on the eastern edge of a shallow, large pit (4462a) and thus in the southern central part of Unit 9. It was of irregular oval shape, orientated from northwest to southeast. It was 40 cm long and 21 cm wide. The depth is unknown.

Comments: The feature was mentioned on the drawings but not described in detail. Thus no information about the filling material is given.

Stratigraphic position: above: 4462a; below: 3146

Location (closest features): north: 9825; east: 9705; south: 9754; west: 9792

On figure(s): 42b; 43a

---

**Feature 9796      pit**

Unit: 9    excavated in 2009 Group: Group\_21

Period: archaic; Phase: 5

Description: Feature 9796 was a pit in the southern central part of Unit 9. It was of irregular circular shape with a diameter of 48 cm. The depth is unknown.

Comments: The feature was mentioned on the drawings but not described in detail. Thus no information about the

filling material is given.

Stratigraphic position: above: NaSuU9; below: 3146

Location (closest features): north: 9808; east: 9797; south: 9794; west: 9826

On figure(s): Plan 12; Plan 13

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**Feature 9797      pit**

Unit: 9    excavated in 2009

Period: archaic; Phase: 5

Description: Feature 9797 was a small pit in the southern central part of Unit 9. It was of irregular circular shape, orientated from northwest to southeast. It was 32 cm long and 27 cm wide. The depth is unknown.

Comments: The feature was mentioned on the drawings but not described in detail. Thus no information about the filling material is given.

Stratigraphic position: above: NaSuU9; below: 3146; 4459

Location (closest features): north: 9809; east: 9799; south: 9798; west: 9796

On figure(s): Plan 12; Plan 13

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**Feature 9798      post hole**

Unit: 9    excavated in 2009 Group: Group\_23

Period: archaic; Phase: 5

Description: Feature 9798 was a post hole in the southern central part of Unit 9. It was of regular circular shape with a diameter of 20 cm. The depth is unknown.

Comments: The feature was mentioned on the drawings but not described in detail. Thus no information about the filling material is given.

Stratigraphic position: above: NaSuU9; below: 4459

Location (closest features): north: 9805; east: 9800; south: 9794; west: 9796

On figure(s): Plan 12; Plan 13

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**Feature 9799      post hole**

Unit: 9    excavated in 2009 Group: Group\_23

Period: archaic; Phase: 5

Description: Feature 9799 was a small post hole in the southern central part of Unit 9. It was of regular circular shape with a diameter of 14 cm. The depth is unknown

Comments: The feature was mentioned on the drawings but not described in detail. Thus no information about the filling material is given.

Stratigraphic position: above: NaSuU9; below: 4459

Location (closest features): north: 9803; east: 9800; south: 4446; west: 9798

On figure(s): Plan 12; Plan 13

---

**Feature 9800      post hole**

Unit: 9    excavated in 2009 Group: Group\_23

Period: archaic; Phase: 5

Description: Feature 9800 was a small post hole in the southeastern part of Unit 9. It was of regular circular shape with a diameter of 15 cm. The depth is unknown.

Comments: The feature was mentioned on the drawings but not described in detail. Thus no information about the filling material is given.

Stratigraphic position: above: NaSuU9; below: 4459

Location (closest features): north: 9802; south: 9793; west: 9799

On figure(s): Plan 12; Plan 13

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**Feature 9801      post hole**

Unit: 9    excavated in 2009 Group: Group\_20

Period: archaic; Phase: 5

Description: Feature 9801 was a small post hole in the southeast of Unit 9. It was of regular circular shape with a diameter of 11 cm. The depth is unknown.

Comments: The feature was mentioned on the drawings but not described in detail. Thus no information about the filling material is given.

Stratigraphic position: above: NaSuU9; below: 4458

Location (closest features): west: 9802

On figure(s): Plan 12; Plan 13

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**Feature 9802 post hole**

Unit: 9 excavated in 2009 Group: Group\_20

Period: archaic; Phase: 5

Description: Feature 9802 was a small post hole in the southeast of Unit 9. It was of regular circular shape with a diameter of 14 cm. The depth is unknown.

Comments: The feature was mentioned on the drawings but not described in detail. Thus no information about the filling material is given.

Stratigraphic position: above: NaSuU9; below: 4458

Location (closest features): east: 9801; south: 9793; west: 9803

On figure(s): Plan 12; Plan 13

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**Feature 9803 post hole**

Unit: 9 excavated in 2009 Group: Group\_20

Period: archaic; Phase: 5

Description: Feature 9803 was a small post hole in the southern central part of Unit 9. It was of regular circular shape with a diameter of 11 cm. The depth is unknown.

Comments: The feature was mentioned on the drawings but not described in detail. Thus no information about the filling material is given.

Stratigraphic position: above: NaSuU9; below: 4458

Location (closest features): north: 9804; east: 9802; south: 9799; west: 9807

On figure(s): Plan 12; Plan 13

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**Feature 9804 pit**

Unit: 9 excavated in 2009 Group: Group\_20

Period: archaic; Phase: 5

Description: Feature 9804 was a small pit in the southern central part of Unit 9. It was of regular circular shape with a diameter of 27 cm. The depth is unknown.

Comments: The feature was mentioned on the drawings but not described in detail. Thus no information about the filling material is given.

Stratigraphic position: above: NaSuU9; below: 4458

Location (closest features): east: 9802; south: 9803; west: 9807

On figure(s): Plan 12; Plan 13

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**Feature 9805 pit**

Unit: 9 excavated in 2009 Group: Group\_23

Period: archaic; Phase: 5

Description: Feature 9805 was a small pit in the southern central part of Unit 9. It was of circular shape with a diameter of 24 cm. The depth is unknown.

Comments: The feature was mentioned on the drawings but not described in detail. Thus no information about the filling material is given.

Stratigraphic position: above: NaSuU9; below: 4461

Location (closest features): north: 9807; east: 9803; south: 9797; west: 9806

On figure(s): Plan 12; Plan 13

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**Feature 9806      post hole**

Unit: 9    excavated in 2009    Group: Group\_23

Period: archaic; Phase: 5

Description: Feature 9806 was a small post hole in the southern central part of Unit 9. It was of regular circular shape with a diameter of 9 cm. The depth is unknown.

Comments: The feature was mentioned on the drawings but not described in detail. Thus no information about the filling material is given.

Stratigraphic position: above: NaSuU9; below: 4461

Location (closest features): north: 9812; east: 9809; south: 9805; west: 9807

On figure(s): Plan 12; Plan 13

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**Feature 9807      post hole**

Unit: 9    excavated in 2009    Group: Group\_23

Period: archaic; Phase: 5

Description: Feature 9807 was a small post hole in the southern central part of Unit 9. It was of regular circular shape with a diameter of 8 cm. The depth is unknown.

Comments: The feature was mentioned on the drawings but not described in detail. Thus no information about the filling material is given.

Stratigraphic position: above: NaSuU9; below: 4461

Location (closest features): north: 9812; east: 9803; south: 9805; west: 9806

On figure(s): Plan 12; Plan 13

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**Feature 9808      pit**

Unit: 9    excavated in 2009    Group: Group\_21

Period: archaic; Phase: 5

Description: Feature 9808 was a pit in the southern central part of Unit 9. It was of circular shape with a diameter of 28 cm. The depth is unknown.

Comments: The feature was mentioned on the drawings but not described in detail. Thus no information about the filling material is given.

Stratigraphic position: above: NaSuU9; below: 3146

Location (closest features): north: 9809; east: 9809; south: 9796; west: 9826

On figure(s): Plan 12; Plan 13

---

**Feature 9809      pit**

Unit: 9    excavated in 2009

Period: archaic; Phase: 5

Description: Feature 9809 was a pit in the southern central part of Unit 9. It was kidney-shaped on the surface with, orientated from northwest to southeast. The wider end was located in the southeast. It was 102 cm long and 51 cm wide. The depth is unknown.

Comments: The feature was mentioned on the drawings but not described in detail. Thus no information about the filling material is given.

Stratigraphic position: above: NaSuU9; below: 3146; 4461

Location (closest features): north: 9810; east: 9806; south: 9797; west: 9808

On figure(s): Plan 12; Plan 13

---

**Feature 9810      post hole**

Unit: 9    excavated in 2009    Group: Group\_21

Period: archaic; Phase: 5

Description: Feature 9810 was a small post hole in the center of Unit 9. It was of regular circular shape with a diameter of 11 cm. The depth is unknown.

Comments: The feature was mentioned on the drawings but not described in detail. Thus no information about the filling material is given.

Stratigraphic position: above: NaSuU9; below: 3146

Location (closest features): north: 9811; east: 9812; south: 9809; west: 4472

On figure(s): Plan 12; Plan 13

---

**Feature 9811 post hole**

Unit: 9 excavated in 2009 Group: Group\_21

Period: archaic; Phase: 5

Description: Feature 9811 was a small post hole in the center of Unit 9. It was of regular circular shape with a diameter of 10 cm. The depth is unknown.

Comments: The feature was mentioned on the drawings but not described in detail. Thus no information about the filling material is given.

Stratigraphic position: above: NaSuU9; below: 3146

Location (closest features): north: 9816; east: 9813; south: 9810; west: 4472

On figure(s): Plan 12; Plan 13

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**Feature 9812 post hole**

Unit: 9 excavated in 2009 Group: Group\_23

Period: archaic; Phase: 5

Description: Feature 9812 was a probable post hole in the center of Unit 9. It was orientated from north to south. It was 17 cm long and 8 cm wide. The depth is unknown.

Comments: The feature was mentioned on the drawings but not described in detail. Thus no information about the filling material is given.

Stratigraphic position: above: NaSuU9; below: 4461

Location (closest features): north: 9813; south: 9809; west: 9810

On figure(s): Plan 12; Plan 13

---

**Feature 9813 post hole**

Unit: 9 excavated in 2009 Group: Group\_22

Period: archaic; Phase: 5

Description: Feature 9813 was a post hole in the center of Unit 9. It was of regular circular shape with a diameter of 10 cm. The depth is unknown.

Comments: The feature was mentioned on the drawings but not described in detail. Thus no information about the filling material is given.

Stratigraphic position: above: NaSuU9; below: 4459

Location (closest features): north: 9815; east: 9814; south: 9812; west: 9811

On figure(s): Plan 12; Plan 13

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**Feature 9814 post hole**

Unit: 9 excavated in 2009 Group: Group\_23

Period: archaic; Phase: 5

Description: Feature 9814 was a small post hole in the center of Unit 9. It was of circular shape with a diameter of 13 cm. The depth is unknown.

Comments: The feature was mentioned on the drawings but not described in detail. Thus no information about the filling material is given.

Stratigraphic position: above: NaSuU9; below: 4459

Location (closest features): north: 9815; south: 9812; west: 9813

On figure(s): Plan 12; Plan 13

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**Feature 9815 pit**

Unit: 9 excavated in 2009 Group: Group\_20  
 Period: archaic; Phase: 5  
 Description: Feature 9815 was a pit in the center of Unit 9. It was of irregular oval shape, orientated from west to east. It was 51 cm long and 31 cm wide. The depth is unknown.  
 Comments: The feature was mentioned on the drawings but not described in detail. Thus no information about the filling material is given.  
 Stratigraphic position: above: NaSuU9; below: 4458  
 Location (closest features): south: 9813; west: 9816  
 On figure(s): Plan 12; Plan 13

**Feature 9816 post hole**

Unit: 9 excavated in 2009 Group: Group\_21  
 Period: archaic; Phase: 5  
 Description: Feature 9816 was a small post hole in the center of Unit 9. It was of regular circular shape with a diameter of 12 cm. The depth is unknown.  
 Comments: The feature was mentioned on the drawings but not described in detail. Thus no information about the filling material is given.  
 Stratigraphic position: above: NaSuU9; below: 3146  
 Location (closest features): north: 9818; east: 9815; south: 9811; west: 4472  
 On figure(s): Plan 12; Plan 13

**Feature 9817 post**

Unit: 9 excavated in 2009 Group: Group\_17  
 Period: ceramic; Phase: ceramic  
 Description: a small post in the surface of Feature 4462 in the center of Unit 9 (campaign of 2009)  
 Comments: located in the zone of the test trench from 2004, that cuts from north to south in Unit 9; reconstructed using the drawing information  
 Stratigraphic position: above: 3106; below: 3102

Associated radiocarbon samples

Sample	material	size (mg)	radiocarbon age (BP)	±	delta13 ‰
Hd-30134	wood	204,1	2942	31	-24,9

**Feature 9818 pit**

Unit: 9 excavated in 2009 Group: Group\_21  
 Period: archaic; Phase: 5  
 Description: Feature 9818 was a pit in the center of Unit 9. It was of regular circular shape with a diameter of 44 cm. The depth is unknown. The northern edge is limited by the edge of the excavation unit of the campaign of 2009 and thus straight. The shape nevertheless was clearly circular.  
 Comments: The feature was mentioned on the drawings but not described in detail. Thus no information about the filling material is given.  
 Stratigraphic position: above: NaSuU9; below: 3146  
 Location (closest features): south: 4472; west: 4472  
 On figure(s): Plan 12; Plan 13

**Feature 9819 post**

Unit: 9 excavated in 2009 Group: Group\_18  
 Period: ceramic; Phase: ceramic  
 Description: a small post in the north of Unit 9 (campaign of 2009)  
 Comments: reconstructed using the drawings  
 Interpretation: assigned to the ceramic period by comparing the lines of small posts from the ceramic period excavated in 2005  
 Stratigraphic position: above: NaSuU9; below: 4458; 4463

.....  
**Feature 9820      post**

Unit: 9   excavated in 2009   Group: Group\_18  
 Period: ceramic; Phase: ceramic  
 Description: a small post in the north of Unit 9 (campaign of 2009)  
 Comments: reconstructed using the drawings  
 Interpretation: assigned to the ceramic period by comparing the lines of small posts from the ceramic period excavated in 2005  
 Stratigraphic position: above: NaSuU9; below: 4458; 4463

.....  
**Feature 9821      post**

Unit: 9   excavated in 2009  
 Period: ceramic; Phase: ceramic  
 Description: a small post in the north of Unit 9 (campaign of 2009)  
 Comments: reconstructed using the drawings  
 Interpretation: assigned to the ceramic period by comparing the lines of small posts from the ceramic period excavated in 2005  
 Stratigraphic position: above: NaSuU9; below: 3106

.....  
**Feature 9822      post hole**

Unit: 9   excavated in 2009   Group: Group\_18  
 Period: ceramic; Phase: ceramic  
 Description: a small post hole from the ceramic period; located in the northwest of Unit 9 (campaign of 2009)  
 Comments: reconstructed from the drawings; no detailed original description available  
 Interpretation: assigned to the ceramic period by comparing the lines of small posts from the ceramic period excavated in 2005  
 Stratigraphic position: above: NaSuU9; below: 4458

.....  
**Feature 9823      post hole**

Unit: 9   excavated in 2009   Group: Group\_18  
 Period: ceramic; Phase: ceramic  
 Description: a small post hole from the ceramic period; located in the northwest of Unit 9 (campaign of 2009)  
 Comments: reconstructed from the drawings; no detailed original description available  
 Interpretation: assigned to the ceramic period by comparing the lines of small posts from the ceramic period excavated in 2005  
 Stratigraphic position: above: NaSuU9; below: 4458

.....  
**Feature 9824      post**

Unit: 9   excavated in 2009   Group: Group\_18  
 Period: ceramic; Phase: ceramic  
 Description: a small post in the surface of Feature 4462; located in the center of Unit 9 (campaign of 2009)  
 Comments: reconstructed using the drawings  
 Interpretation: assigned to the ceramic period by comparing the lines of small posts from the ceramic period excavated in 2005  
 Stratigraphic position: above: NaSuU9; below: 4458

.....  
**Feature 9825      post hole**

Unit: 9   excavated in 2009   Group: St\_17\_dw  
 Period: archaic; Phase: 3  
 Description: Feature 9825 was a post hole on the northeastern edge of a shallow, large pit (Feature 4462a) and thus in the southern central part of Unit 18. It was irregular circular with a diameter of 36 cm. The depth is unknown.

Comments: The feature was mentioned on the drawings but not described in detail. Thus no information about the filling material is given.

Stratigraphic position: above: 4462a; below: 3146

Location (closest features): south: 9795; west: 9831

On figure(s): 42b; 43a

**Feature 9826 pit**

Unit: 9 excavated in 2005 Group: Group\_21

Period: archaic; Phase: 5

Description: Feature 9826 was a pit in the southern central part of Unit 9. It was of irregular oval shape, orientated from west to east. It was 80 cm long and 66 cm wide. The depth is unknown.

Comments: The feature was mentioned on the drawings but not described in detail. Thus no information about the filling material is given.

Stratigraphic position: above: NaSuU9; below: 3146

Location (closest features): north: 4472; east: 9796

On figure(s): Plan 12; Plan 13

**Feature 9827 post hole**

Unit: 9 excavated in 2009 Group: Group\_17

Period: ceramic; Phase: ceramic

Description: a small post hole of the ceramic occupation; located in the southwest of Unit 9 (campaign of 2009)

Comments: reconstructed from the drawings; no detailed original description available; appears in drawings from 2005

Stratigraphic position: above: 3106; below: 3102

**Feature 9828 post**

Unit: 9 excavated in 2009 Group: St\_17\_dw

Period: archaic; Phase: 3

Description: Feature 9828 was a small post remain on the northwestern surface of Feature 4462a and thus located in the southwest of Unit 9. It was oval and orientated from north to south. It was 14 cm long and 10 cm wide. The material was probably wood, the depth or height is unknown.

Comments: The feature was reconstructed from the description and the drawings of the natural surface in Unit 9.

Stratigraphic position: above: 4462a; below: 4458

Location (closest features): east: 9828; south: 9769

On figure(s): 42b; 43a

Associated radiocarbon samples

Sample	material	size (mg)	radiocarbon age (BP)	±	delta13 ‰
MAMS-13592	wood	11,9	4508	25	-24,5

**Feature 9829 pit**

Unit: 9 excavated in 2009 Group: St\_17\_dw

Period: archaic; Phase: 3

Description: Feature 9829 was a pit in the northwestern part of the bottom of a large pit (4462a). It was irregular triangular shaped with the longest side in orientated from northeast to southwest and the opposite point thus pointing towards the northwest. It was 36 cm long (at the longest side) and 25 cm wide. The depth is unknown.

Comments: The feature was mentioned on the drawings but not described in detail. Thus no information about the filling material is given.

Stratigraphic position: above: 4462a; below: 4458

Location (closest features): east: 9825; south: 9769; west: 9828

On figure(s): 42b; 43a

**Feature 9830 pit**

Unit: 9 excavated in 2009 Group: Group\_17

Period: ceramic; Phase: ceramic

Description: a small pit of the ceramic occupation; located in the west of Unit 9 (campaign of 2009)

Comments: reconstructed from the drawings; no detailed original description available; appears in drawings from 2005

Stratigraphic position: above: 3106; below: 3102

.....  
**Feature 9831 pit**

Unit: 9 excavated in 2009 Group: Group\_17

Period: ceramic; Phase: ceramic

Description: a small pit of the ceramic occupation; located in the west of Unit 9 (campaign of 2009)

Comments: reconstructed from the drawings; no detailed original description available; appears in drawings from 2005

Stratigraphic position: above: 3106; below: 3102

.....  
**Feature 9832 post hole**

Unit: 9 excavated in 2009 Group: Group\_18

Period: ceramic; Phase: ceramic

Description: a small post hole of the ceramic occupation; located in the northwest of Unit 9 (campaign of 2009)

Comments: reconstructed from the drawings; no detailed original description available

Interpretation: assigned to the ceramic period by comparing the lines of small posts from the ceramic period excavated in 2005

Stratigraphic position: above: NaSuU9; below: 4458

.....  
**Feature 9833 post**

Unit: 9 excavated in 2009 Group: Group\_18

Period: ceramic; Phase: ceramic

Description: a small post in the northwest of Unit 9 (campaign of 2009)

Comments: reconstructed using the drawings

Interpretation: assigned to the ceramic period by comparing the lines of small posts from the ceramic period excavated in 2005

Stratigraphic position: above: NaSuU9; below: 4458

.....  
**Feature 9834 post hole**

Unit: 9 excavated in 2009

Period: archaic; Phase: 3

Description: Feature 9834 was a small post hole in the central western part of Unit 9. It was of regular circular shape with a diameter of 11 cm. The depth is unknown.

Comments: The feature was mentioned on the drawings but not described in detail. Thus no information about the filling material is given. The feature is assigned to the preceramic occupation and to Phase 3 because of the location and the shape. It could be even assigned to the ceramic occupation.

Stratigraphic position: above: NaSuU9; below: 4458

Location (closest features): south: 4462a

On figure(s): Plan 12; Plan 13

.....  
**Feature 9835 post hole**

Unit: 9 excavated in 2009 Group: Group\_18

Period: ceramic; Phase: ceramic

Description: a small post hole of the ceramic occupation; located in the northwest of Unit 9 (campaign of 2009)

Comments: reconstructed from the drawings; no detailed original description available

Interpretation: assigned to the ceramic period by comparing the lines of small posts from the ceramic period excavated in 2005

Stratigraphic position: above: NaSuU9; below: 4458

.....  
**Feature 9836**      **post hole**

Unit: 9    excavated in 2009    Group: Group\_18  
 Period: ceramic; Phase: ceramic  
 Description: a small post hole of the ceramic occupation; located in the northwest of Unit 9 (campaign of 2009)  
 Comments: reconstructed from the drawings; no detailed original description available  
 Interpretation: assigned to the ceramic period by comparing the lines of small posts from the ceramic period excavated in 2005  
 Stratigraphic position: above: NaSuU9; below: 4458

.....  
**Feature 9837**      **post hole**

Unit: 9    excavated in 2009    Group: Group\_18  
 Period: ceramic; Phase: ceramic  
 Description: a small post hole of the ceramic occupation; located in the northwest of Unit 9 (campaign of 2009)  
 Comments: reconstructed from the drawings; no detailed original description available  
 Interpretation: assigned to the ceramic period by comparing the lines of small posts from the ceramic period excavated in 2005  
 Stratigraphic position: above: NaSuU9; below: 4458

.....  
**Feature 9838**      **post hole**

Unit: 9    excavated in 2009    Group: Group\_18  
 Period: ceramic; Phase: ceramic  
 Description: a small post hole of the ceramic occupation; located in the northwest of Unit 9 (campaign of 2009)  
 Comments: reconstructed from the drawings; no detailed original description available  
 Interpretation: assigned to the ceramic period by comparing the lines of small posts from the ceramic period excavated in 2005  
 Stratigraphic position: above: NaSuU9; below: 4458

.....  
**Feature 9839**      **post hole**

Unit: 9    excavated in 2009    Group: Group\_18  
 Period: ceramic; Phase: ceramic  
 Description: a small post hole of the ceramic occupation; located in the northwest of Unit 9 (campaign of 2009)  
 Comments: reconstructed from the drawings; no detailed original description available  
 Interpretation: assigned to the ceramic period by comparing the lines of small posts from the ceramic period excavated in 2005  
 Stratigraphic position: above: NaSuU9; below: 4458

.....  
**Feature 9840**      **post hole**

Unit: 9    excavated in 2009    Group: Group\_18  
 Period: ceramic; Phase: ceramic  
 Description: a small post hole of the ceramic occupation; located in the northwest of Unit 9 (campaign of 2009)  
 Comments: reconstructed from the drawings; no detailed original description available  
 Interpretation: assigned to the ceramic period by comparing the lines of small posts from the ceramic period excavated in 2005  
 Stratigraphic position: above: NaSuU9; below: 4458

.....  
**Feature 9841**      **post hole**

Unit: 9    excavated in 2009    Group: Group\_18  
 Period: ceramic; Phase: ceramic  
 Description: a small post hole of the ceramic occupation; located in the northwest of Unit 9 (campaign of 2009)  
 Comments: reconstructed from the drawings; no detailed original description available

Interpretation: assigned to the ceramic period by comparing the lines of small posts from the ceramic period excavated in 2005

Stratigraphic position: above: NaSuU9; below: 4458

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**Feature 9842 post hole**

Unit: 9 excavated in 2009 Group: Group\_17

Period: ceramic; Phase: ceramic

Description: a small post hole of the ceramic occupation; located in the northwest of Unit 9 (campaign of 2009)

Comments: reconstructed from the drawings; no detailed original description available

Interpretation: assigned to the ceramic period by comparing the lines of small posts from the ceramic period excavated in 2005

Stratigraphic position: above: 3106; below: 3102

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**Feature 9843 post**

Unit: 9 excavated in 2009

Period: ceramic; Phase: ceramic

Description: a small post in the northwest of Unit 9 (campaign of 2009)

Comments: reconstructed using the drawings

Interpretation: assigned to the ceramic period by comparing the lines of small posts from the ceramic period excavated in 2005

Stratigraphic position: above: NaSuU9; below: 3106

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**Feature 9845 post hole**

Unit: 9 excavated in 2009

Period: ceramic; Phase: ceramic

Description: a small post hole of the ceramic occupation; located in the northwest of Unit 9 (campaign of 2009)

Comments: reconstructed from the drawings; no detailed original description available

Interpretation: assigned to the ceramic period by comparing the lines of small posts from the ceramic period excavated in 2005

Stratigraphic position: above: NaSuU9; below: 3106

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**Feature 9846 post**

Unit: 9 excavated in 2009 Group: Group\_19

Period: ceramic; Phase: ceramic

Description: a small post in the northwest of Unit 9 (campaign of 2009)

Comments: reconstructed using the drawings

Interpretation: assigned to the ceramic period by comparing the lines of small posts from the ceramic period excavated in 2005

Stratigraphic position: above: NaSuU9; below: 4463

---

**Feature 9847 post hole**

Unit: 9 excavated in 2009 Group: Group\_19

Period: ceramic; Phase: ceramic

Description: a small post hole of the ceramic occupation; located in the northwest of Unit 9 (campaign of 2009)

Comments: reconstructed from the drawings; no detailed original description available

Interpretation: assigned to the ceramic period by comparing the lines of small posts from the ceramic period excavated in 2005

Stratigraphic position: above: NaSuU9; below: 4463

---

**Feature 9848 post hole**

Unit: 9 excavated in 2009 Group: Group\_19

Period: ceramic; Phase: ceramic

Description: a small post hole of the ceramic occupation; located in the northwest of Unit 9 (campaign of 2009)

Comments: reconstructed from the drawings; no detailed original description available

Interpretation: assigned to the ceramic period by comparing the lines of small posts from the ceramic period excavated in 2005

Stratigraphic position: above: NaSuU9; below: 4463

---

**Feature 9849      post hole**

Unit: 9    excavated in 2009    Group: Group\_19

Period: ceramic; Phase: ceramic

Description: a small post hole of the ceramic occupation; located in the northwest of Unit 9 (campaign of 2009)

Comments: reconstructed from the drawings; no detailed original description available

Interpretation: assigned to the ceramic period by comparing the lines of small posts from the ceramic period excavated in 2005

Stratigraphic position: above: NaSuU9; below: 4463

---

**Feature 9850      plant concentration**

Unit: 9    excavated in 2009    Group: St\_18\_bu

Period: archaic; Phase: 5

Description: Feature 9850 was a plant concentration intrusive in the surface of Feature 4469 in the south of a large pit (Feature 4472) in the center of Unit 9. It was of irregular oval shape, orientated from north to south. In the east it had a straight edge originating in a test trench of the campaign of 2005. The maximum length was 32 cm, the maximum width 13 cm. The depth is unknown. The material consisted of plant remains with some charcoal remains.

Comments: Feature 9850 was mentioned in the original documentation of Feature 4469. The plant remains were not recovered due to their bad preservation.

Stratigraphic position: above: 4469; below: 4466

Location (closest features): north: 4469; east: 4469; south: 4469; west: 4469

On figure(s): 44; 45

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**Feature 9851      burned zone**

Unit: 6    excavated in 2009

Period: archaic; Phase: 5

Description: Feature 9851 was a burned zone. It was located in the northeast of Unit 6, on top the east of Feature 4429. It was irregular shaped, with a maximum length of 400 cm from north to south and a maximum width of 251 cm from east to west. The thickness is unknown, but was probably around 1 cm. It consisted of muddy, loose burned soil of black and orange color. The material was humid due to the close modern irrigation channel.

Comments: Feature 9851 was reconstructed from the drawings. It was mentioned as covering superficially Feature 4429 in the east.

Stratigraphic position: above: 4429; below: 4421

Location (closest features): north: 9978; west: 9852

On figure(s): Plan 1

---

**Feature 9852      burned zone**

Unit: 6    excavated in 2009

Period: archaic; Phase: 5

Description: Feature 9852 is a reconstructed burned zone. It was located in the central north of Unit 6, on top the west of Feature 4429. It was irregular shaped, with a maximum length of 400 cm from north to south and a maximum width of 226 cm from east to west. The thickness is unknown, but was probably around 1 cm. It consisted of semi-compact, fine burned soil of dark color, mixed with charcoal and gravel.

Comments: Feature 9852 was reconstructed from the drawings. It was mentioned as covering superficially Feature 4429 in the west.

Stratigraphic position: above: 4429; below: 4421

Location (closest features): east: 9851

On figure(s): Plan 1

---

**Feature 9853 fireplace**

Unit: 6 excavated in 2009

Period: archaic; Phase: 3

Description: Feature 9853 was a large fireplace in the northeast of Unit 6. It was of irregular shape, with a maximum length of 133 cm from north to south and a maximum width of 128 cm from east to west. It was inclined from east to west. The depth is unknown. The material consisted of burned soil of orange color, mixed with ashes.

Comments: The feature was briefly described within the original description of Feature 4431.

Stratigraphic position: above: 9857; below: 4434

Location (closest features): north: 9925; east: 4434; south: 4436; west: 9925

On figure(s): : Plan 1-4; Plan 5

---

**Feature 9854 fireplace**

Unit: 6 excavated in 2009

Period: archaic; Phase: 3

Description: Feature 9854 was a fireplace in the northeast of Unit 6. It was of irregular shape with a maximum length of 81 cm from west to east and a maximum width of 70 cm from north to south. The depth is unknown, but the feature was not very thick. The material consisted of ashes with burned soil of black color.

Comments: The feature was briefly described within the original description of Feature 4431.

Stratigraphic position: above: 4431; below: 4429; 4435

Location (closest features): north: 9925; east: 4435; south: 4431; west: 4431

On figure(s): 40c; Plan 4-5

---

**Feature 9855 fire mark**

Unit: 6 excavated in 2009

Period: archaic; Phase: 3

Description: Feature 9855 was a large fire mark in the northeast of Unit 6. It was of irregular oval shape, orientated from north to south and situated within a depression of Feature 4431. It was 201 cm long and 178 cm wide. The depth is unknown, but the feature was probably not very thick. The material was attached to the upper part of Feature 4431 in this section and consisted of burned, muddy soil of black color. A slightly higher humidity in this area originated from the close modern irrigation channel.

Comments: The feature was briefly described within the original description of Feature 4431.

Stratigraphic position: above: 4431; below: 4429

Location (closest features): north: 4431; east: 4434; south: 4431; west: 4431

On figure(s): 40c; Plan 4-5

---

**Feature 9856 fire mark**

Unit: 6 excavated in 2009

Period: archaic; Phase: 2

Description: Feature 9856 was a small fire mark in the extreme northeast of Unit 6. It was irregular oval, orientated from north to south. It was 60 cm long and 48 cm wide. The depth is unknown, but the feature was probably very thin. It was attached to the surface of Feature 9858. The material consisted of loose, fine, burned soil of black color, mixed with some gravel.

Comments: The feature was briefly described within the original description of Feature 4437.

Stratigraphic position: above: 9858; below: 4431

Location (closest features): east: 9858; south: 9858; west: 9857

On figure(s): Plan 6-11

---

**Feature 9857 fire mark**

Unit: 6 excavated in 2009

Period: archaic; Phase: 2

Description: Feature 9857 was a small fire mark in the extreme northeast of Unit 6. It was irregular oval, orientated from northwest to southeast. It was 105 cm long and 55 cm wide. The depth is unknown, but the feature was probably very thin. It was attached to the surface of Feature 9858. The material consisted of loose, fine, burned soil of black color, mixed with some gravel.

Comments: The feature was briefly described within the original description of Feature 4437.

Stratigraphic position: above: 9858; below: 4431; 9853

Location (closest features): east: 9856; south: 9858; west: 9858

On figure(s): Plan 6

---

**Feature 9858      occupation layer**

Unit: 6 excavated in 2009

Period: archaic; Phase: 2

Description: Feature 9858 is a reconstructed layer. It was located in the northeast of Unit 6 and distributed irregularly. It was mentioned as soil of brown-orange color. It had an irregular shape and was probably very thin. The maximum length was 369 cm from north to south and the maximum width was 267 cm from east to west. The material consisted of soil of brown-orange color.

Comments: Feature 9858 was described within the description of Feature 4437-1/-2 and mentioned in the drawings.

Interpretation: Probably the remain of an occupation layer located in the northeastern part of Unit 6

Stratigraphic position: above: 4480; below: 4434; 9856; 9857

Location (closest features): north: 4099; west: 4477

On figure(s): Plan 6

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**Feature 9859      fire mark**

Unit: 6 excavated in 2009 Group: St\_16\_au

Period: archaic; Phase: 2

Description: Feature 9859 was a small fire mark on the surface of Feature 9864 which was one of the uppermost filling layers of a large pit (Feature 4491) and thus located in the northern center of Unit 6. It was of irregular oval shape, orientated from west to east. It was 58 cm long and 45 cm wide. The depth is unknown. The feature was probably very thin. The material consisted of muddy, burned soil, mixed with ashes. The humidity originates from the modern irrigation channel.

Comments: The feature was briefly described within the original description of Feature 4437.

Stratigraphic position: above: 9864; below: 4431

Location (closest features): north: 9861; east: 4477; south: 9864; west: 9862

On figure(s): 41a

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**Feature 9860      filling layer**

Unit: 6 excavated in 2009 Group: St\_16\_au

Period: archaic; Phase: 2

Description: Feature 9860 was a part of the uppermost filling material within a large pit (Feature 4491) in the northern center of Unit 6. It was located within the northern part of the large pit and distributed beyond to the edge of the same towards the north, covering the edge of the pit in this zone. It had an irregular semi-lunar, curved shape with the curve orientated towards the north. It was 490 cm long and at a maximum 53 cm wide. The covered area was 260 cm long from west to east and 223 cm wide from north to south. The surface was slightly inclined towards the east, following the natural inclination in the area. The thickness was about 4 cm. The material consisted of soil of beige-greyish color.

Comments: The feature was briefly described within the original description of Feature 4437. It was reconstructed from the drawings and fotos.

Interpretation: The feature seems to represent a use of the location of the former dwelling pit that probably still formed a depression in the surface and caught or preserved material that was eroded in other parts or the depression was used for some activities.

Stratigraphic position: above: 4439; 9867; below: 4431  
Location (closest features): north: 4437-1; east: 9858; south: 9863  
On figure(s): 41a

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**Feature 9861      fire mark**

Unit: 6   excavated in 2009 Group: St\_16\_au  
Period: archaic; Phase: 2

Description: Feature 9861 was a small fire mark on the uppermost filling layer of a large pit (Feature 4491) in the northern center of Unit 6. It had an irregular oval shape, orientated from northwest to southeast. The maximum length was 33 cm, the maximum width 25 cm. The depth is unknown. The filling material consisted of ashes and was thus greyish.

Comments: The feature was briefly described within the original description of Feature 4437. It was reconstructed from the drawings and fotos.

Interpretation: The feature seems to represent a use of the location of the former dwelling pit that probably still formed a depression in the surface was used for some activities.

Stratigraphic position: above: 9864; below: 4431  
Location (closest features): north: 9864; east: 9864; south: 9864; west: 9864  
On figure(s): 41a

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**Feature 9862      fire mark**

Unit: 6   excavated in 2009 Group: St\_16\_au  
Period: archaic; Phase: 2

Description: Feature 9862 was a small fireplace on the surface of Feature 9863 which was one of the uppermost filling layers of a large pit (Feature 4491) and thus located in the northern center of Unit 6. It was of irregular shape, with a maximum length of 49 cm from west to east and a maximum width of 42 cm from north to south. The depth is unknown. The feature was probably very thin. On the top of the feature two big natural stones were located. The material consisted of muddy, burned soil, mixed with ashes. The humidity originates from the modern irrigation channel.

Comments: The feature was briefly described within the original description of Feature 4437.

Interpretation: The feature seems to represent a use of the location of the former dwelling pit that probably still formed a depression in the surface was used for some activities.

Stratigraphic position: above: 9863; below: 4431  
Location (closest features): north: 9863; east: 9859; south: 4479; west: 4438  
On figure(s): 41a

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**Feature 9863      sand concentration**

Unit: 6   excavated in 2009 Group: St\_16\_au  
Period: archaic; Phase: 2

Description: Feature 9863 was a sand concentration on the top of Feature 4479 within a large pit (Feature 4491) in the northern center of Unit 6. It was of regular oval shape, orientated from northeast to southwest. The maximum length was 128 cm, the maximum width was 49 cm. The depth was 9 cm. In the western part a fireplace (Feature 9862) was intrusive. The material consisted of muddy sand of light yellow color.

Comments: The feature was briefly described within the original description of Feature 4437.

Interpretation: The feature seems to represent a use of the location of the former dwelling pit that probably still formed a depression in the surface was used for some activities.

Stratigraphic position: above: 4479; below: 9862  
Location (closest features): north: 9860; east: 9864; south: 9864; west: 9865  
On figure(s): 41a

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**Feature 9864      filling layer**

Unit: 6   excavated in 2009 Group: St\_16\_au  
Period: archaic; Phase: 2

Description: Feature 9864 was a irregular shaped remain of occupation debris in the east of the uppermost part of a large pit (Feature 4491) in the northern center of Unit 6. In the east and south it was distributed beyond the edge of the large pit. Some features were intrusive (9859, 9861, 9863). The maximum length from north to south was 275 cm, the maximum width from west to east was 203 cm, the depth was about 5-10 cm. The material consisted of muddy soil of yellowish color with some plant remains.

Comments: The feature was briefly described within the original description of Feature 4437. The plant remains were to badly preserved or to fine to be recovered.

Interpretation: The feature seems to represent a use of the location of the former dwelling pit that probably still formed a depression in the surface was used for some activities.

Stratigraphic position: above: 9868; below: 9859; 9861

Location (closest features): north: 9860; east: 4477; south: 4475; west: 9865

On figure(s): 41a

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**Feature 9865      use floor**

Unit: 6    excavated in 2009    Group: St\_16\_au

Period: archaic; Phase: 2

Description: Feature 9865 was a remain of a use floor in the west of the uppermost part of a large pit (Feature 4491) in the northern center of Unit 6. It had an irregular semilunar, curved shape orientated from north to south with the curve orientated towards the west. The maximum length was 350 cm, the maximum width was 70 cm. It covered an area with a maximum length of 268 cm from north to south and a maximum width of 130 cm from west to east. It was about 5-10 cm deep. The material consisted of semi-compact soil of beige-greyish color.

Comments: The feature was briefly described within the original description of Feature 4437.

Interpretation: The feature seems to represent a use of the location of the former dwelling pit that probably still formed a depression in the surface and caught or preserved material that was eroded in other parts or the depression was used for some activities.

Stratigraphic position: above: 4479; below: 4474

Location (closest features): north: 9860; east: 9864; south: 4475; west: 9860

On figure(s): 41a

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**Feature 9866      fireplace**

Unit: 6    excavated in 2009

Period: archaic; Phase: 4

Description: Feature 9866 was a large fireplace in the north of Unit 6. It was of irregular kidney-shape, orientated from north to south with the wider part located in the south. It was 165 cm long and 72 cm wide. The depth is unknown. The feature was probably not very thick. The material consisted of a concentration of charcoal mixed with ashes.

Comments: The feature was briefly described within the original description of Feature 4437. The assignment to phase 4 was derived from a radiocarbon dates taken from the feature below (Feature 4440) that dated to phase 4 and the dating of the feature above (Feature 4429) that dated to the same phase.

Stratigraphic position: above: 4437-1; 4437-2; 4440; below: 4429

Location (closest features): north: 4038; east: 4429; south: 4429; west: 4374

On figure(s): : Plan 1-4

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**Feature 9867      filling layer**

Unit: 6    excavated in 2009    Group: St\_16\_au

Period: archaic; Phase: 2

Description: Feature 9867 was a filling layer in a large pit (Feature 4491) in the northern center of Unit 6. It was distributed in the entire pit, but in its center other large features (4479, 9868) were located. It was of irregular oval shape, orientated from north to south. The surface was slightly inclined towards the west. The maximum length was 263 cm, the maximum width 246 cm. The depth varied between 9 cm in the northwest and 4 cm in the southeast. The material consisted of loose soil of light beige-yellow color.

Comments: The feature was briefly described within the original description of Feature 4479.

Stratigraphic position: above: 4482; below: 4479; 9860

Location (closest features): south: 4475; west: 4474

On figure(s): 41b

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**Feature 9868**      **filling layer**

Unit: 6    excavated in 2009 Group: St\_16\_au

Period: archaic; Phase: 2

Description: Feature 9868 was occupation debris in the eastern part of a large pit (Feature 4491) in the northern center of Unit 6. It was of irregular oval shape, orientated from northeast to southwest. The maximum length was 130 cm, the maximum width 110 cm. The depth was 13 cm. It was located in the center of Feature 9867. The material consisted of soil of brown-orange color.

Comments: The feature was briefly described within the original description of Feature 4479.

Stratigraphic position: above: 4479; below: 9864

Location (closest features): north: 9867; east: 9867; south: 9867; west: 4479

On figure(s): 41b

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**Feature 9869**      **pit**

Unit: 6    excavated in 2009 Group: Group\_15

Period: archaic; Phase: 0

Description: Feature 9869 was a pit in the north of Unit 6. It was of irregular circular shape with a diameter of 22 cm and a depth of 10 cm. The walls were steep and the bottom relatively plane. The filling material consisted of loose, fine, maybe burned soil of dark beige-black color, mixed with some small gravel, plant remains and charcoal.

Comments: The pit was described as pit 13 within the description of Feature 4478.

Stratigraphic position: above: NaSuU6; below: 4437-2

Location (closest features): north: 9870; east: 9872; south: 9873; west: 9874

On figure(s): Plan 9-11

Associated invertebratae remains

*Cryphiops caementarius*; weight: 0 g; MNI: 1; no further information; the MNI was averaged; mentioned in the final inventory; the find was associated

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**Feature 9870**      **pit**

Unit: 6    excavated in 2009 Group: Group\_15

Period: archaic; Phase: 0

Description: Feature 9870 was a pit in the north of Unit 6. It was of regular oval shape, orientated from west to east. In the north the edge corresponds with the edge of the excavation unit and is straight. The pit was 32 cm long 23 cm wide and about 4 cm deep. The walls were inclined and the bottom concave. The filling material consisted of loose, fine, maybe burned soil of dark beige-black color, mixed with some small gravel, plant remains and

Comments: The pit was described as pit 10 within the description of Feature 4478.

Stratigraphic position: above: NaSuU6; below: 4437-2

Location (closest features): north: 9828; east: 4487; south: 9871; west: 9869

On figure(s): Plan 9-11

Associated radiocarbon samples

Sample	material	size (mg)	radiocarbon age (BP)	±	delta13 ‰
MAMS-13584	charcoal	11	4787	25	-26,8

Associated macrobotanical remains charcoal.

taxon	topology	comp. rem.	fragment	total	weight (g)
MAGNOLIOPSIDA	stem		6	6	0,5
<i>Prosopis pallida</i>	seed	3		3	0,5

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**Feature 9871**      **post hole**

Unit: 6    excavated in 2009 Group: Group\_15

Period: archaic; Phase: 0

Description: Feature 9871 was a post hole in the north of Unit 6. It was of regular circular shape with a diameter of 11

cm and a depth of about 10 cm. The walls were steep and the bottom relatively plane. The filling material consisted of loose, fine, maybe burned soil of dark beige-black color, mixed with some small gravel, plant remains and charcoal.

Comments: The post hole was described as pit 9 within the description of Feature 4478.

Stratigraphic position: above: NaSuU6; below: 4437-2

Location (closest features): north: 9870; east: 4486; south: 9879; west: 9873

On figure(s): Plan 9-11

**Feature 9872 pit**

Unit: 6 excavated in 2009 Group: Group\_15

Period: archaic; Phase: 0

Description: Feature 9872 was a post hole in the north of Unit 6. It was of regular circular shape with a diameter of 8 cm and a depth of about 2 cm. The walls were inclined and the bottom concave. The filling material consisted of loose, fine, maybe burned soil of dark beige-black color, mixed with some small gravel, plant remains and charcoal.

Comments: The pit was described as pit 8 within the description of Feature 4478.

Stratigraphic position: above: NaSuU6; below: 4437-2

Location (closest features): north: 9870; east: 9871; south: 9873; west: 9869

On figure(s): Plan 9-11

**Feature 9873 pit**

Unit: 6 excavated in 2009 Group: Group\_15

Period: archaic; Phase: 0

Description: Feature 9873 was a pit in the north of Unit 6. It was of circular shape with a diameter of 20cm and a depth of about 6 cm deep. The walls were inclined and the bottom concave. The filling material consisted of loose, fine, maybe burned soil of dark beige-black color, mixed with some small gravel, plant remains and charcoal.

Comments: The pit was described as pit 7 within the description of Feature 4478.

Stratigraphic position: above: NaSuU6; below: 4437-2

Location (closest features): north: 9872; east: 9871; south: 9875; west: 9874

On figure(s): Plan 9-11

Associated macrobotanical remains

taxon	topology	comp. rem.	fragment	total	weight (g)
Prosopis pallida	fruit		1	1	0,5
Prosopis pallida	seed	1		1	0,5

**Feature 9874 pit**

Unit: 6 excavated in 2009 Group: Group\_15

Period: archaic; Phase: 0

Description: Feature 9874 was a pit in the north of Unit 6. It was of irregular circular shape with a diameter of 19 cm and a depth of 10 cm. The walls were steep and the bottom relatively plane. The filling material consisted of loose, fine, maybe burned soil of dark beige-black color, mixed with some small gravel, plant remains and charcoal.

Comments: The pit was described as pit 6 within the description of Feature 4478.

Stratigraphic position: above: NaSuU6; below: 4437-2

Location (closest features): north: 9869; east: 9873; south: 9876; west: 4388

On figure(s): Plan 9-11

Associated macrobotanical remains

taxon	topology	comp. rem.	fragment	total	weight (g)
Prosopis pallida	fruit		2	2	0,5
Tessaria integrifolia	leaf	1		1	0,5
Prosopis pallida	seed	9		9	0,5

**Feature 9875 post mark**

Unit: 6 excavated in 2009 Group: Group\_15

Period: archaic; Phase: 0

Description: Feature 9875 was a small post mark in the north of Unit 6. It was of regular circular shape with a diameter of 8 cm and a depth of 2 cm. The walls were inclined and the bottom concave. The filling material consisted of loose, fine, maybe burned soil of dark beige-black color, mixed with some small gravel, plant remains and charcoal.

Comments: The post mark was described as pit 5 within the description of Feature 4478.

Stratigraphic position: above: NaSuU6; below: 4437-2

Location (closest features): north: 9873; east: 9879; south: 9878; west: 9876

On figure(s): Plan 9-11

Associated macrobotanical remains

taxon	topology	comp. rem.	fragment	total	weight (g)
Prosopis pallida	fruit		2	2	0,5
Prosopis pallida	seed	1		1	0,5

**Feature 9876 pit**

Unit: 6 excavated in 2009 Group: Group\_15

Period: archaic; Phase: 0

Description: Feature 9876 was a pit in the north of Unit 6. It was of circular shape with a diameter of 14cm and a depth of about 8 cm deep. The walls were inclined and the bottom concave. The filling material consisted of loose, fine, maybe burned soil of dark beige-black color, mixed with some small gravel, plant remains and charcoal.

Comments: The pit was described as pit 4 within the description of Feature 4478.

Stratigraphic position: above: NaSuU6; below: 4437-2

Location (closest features): north: 9874; east: 9878; south: 9877; west: 4388

On figure(s): Plan 9-11

Associated macrobotanical remains

taxon	topology	comp. rem.	fragment	total	weight (g)
MAGNOLIOPSIDA	leaf		1	1	0,5
Prosopis pallida	fruit		3	3	0,5
Prosopis pallida	seed	3		3	0,5

**Feature 9877 pit**

Unit: 6 excavated in 2009 Group: Group\_15

Period: archaic; Phase: 0

Description: Feature 9876 was a pit in the north of Unit 6. It was of oval shape, orientated from north to south. It was 22 cm long, 19 cm wide and about 6 cm deep. The walls were inclined and the bottom concave. The filling material consisted of loose, fine, maybe burned soil of dark beige-black color, mixed with some small gravel, plant remains and charcoal.

Comments: The pit was described as pit 3 within the description of Feature 4478.

Stratigraphic position: above: NaSuU6; below: 4437-2

Location (closest features): north: 9876; east: 9878; south: 4491; west: 4388

On figure(s): Plan 4-11

**Feature 9878 post mark**

Unit: 6 excavated in 2009 Group: Group\_15

Period: archaic; Phase: 0

Description: Feature 9878 was a small post mark in the north of Unit 6. It was of regular circular shape with a diameter of 10 cm and a depth of 2 cm. The walls were inclined and the bottom concave. The filling material consisted of loose, fine, maybe burned soil of dark beige-black color, mixed with some small gravel, plant remains and charcoal.

Comments: The post mark was described as pit 2 within the description of Feature 4478.

Stratigraphic position: above: NaSuU6; below: 4437-2

Location (closest features): north: 9875; east: 9879; south: 4491; west: 9876

On figure(s): Plan 9-11

Associated macrobotanical remains

taxon	topology	comp. rem.	fragment	total	weight (g)
Prosopis pallida	fruit		1	1	0,5
Prosopis pallida	seed	4		4	0,5

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**Feature 9879**      **pit**

Unit: 6    excavated in 2009    Group: Group\_15

Period: archaic; Phase: 0

Description: Feature 9879 was a pit in the north of Unit 6. It was of regular circular shape with a diameter of 34 cm and a depth of 10 cm. The walls were inclined and the bottom concave. On the top of the filling material a middle-sized stone was located. The filling material consisted of loose, fine, maybe burned soil of dark beige-black color, mixed with some small gravel, plant remains and charcoal.

Comments: The pit was described as pit 1 within the description of Feature 4478.

Stratigraphic position: above: NaSuU6; below: 4437-2

Location (closest features): north: 9871; east: 9875; south: 4491; west: 9878

On figure(s): Plan 9-11

Associated macrobotanical remains

taxon	topology	comp. rem.	fragment	total	weight (g)
Phaseolus sp.	fruit		1	1	0,5
Prosopis pallida	fruit		2	2	0,5
MAGNOLIOPSIDA	stem	1		1	0,5

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**Feature 9880**      **post**

Unit: AQ46      excavated in 2009    Group: Group\_02

Period: ceramic; Phase: ceramic

Description: a small post in the center of Unit AQ 46

Stratigraphic position: above: 4374; below: 4396

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**Feature 9881**      **post**

Unit: AQ46      excavated in 2009    Group: Group\_02

Period: ceramic; Phase: ceramic

Description: a small post in the center of Unit AQ 46

Stratigraphic position: above: 4374; below: 4396

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**Feature 9882**      **post**

Unit: AQ46      excavated in 2009    Group: Group\_02

Period: ceramic; Phase: ceramic

Description: a small post in the center of Unit AQ 46

Stratigraphic position: above: 4374; below: 4396

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**Feature 9883**      **fire mark**

Unit: AQ46      excavated in 2009    Group: Group\_01

Period: ceramic; Phase: ceramic

Description: a fireplace of the ceramic occupation; located in the center of Unit AQ 46; consisted of semi-compact, burned, granular soil of black color, mixed with ashes

Comments: The feature was briefly described in the original description of Feature 4374.

Stratigraphic position: above: 4374; below: 4373

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**Feature 9884**      **fire mark**

Unit: AQ46      excavated in 2009    Group: Group\_01

Period: ceramic; Phase: ceramic

Description: a fireplace of the ceramic occupation; located in the center of Unit AQ 46; consisted of semi-compact,

burned, granular soil of black color, mixed with ashes

Comments: The feature was briefly described in the original description of Feature 4374.

Stratigraphic position: above: 4374; below: 4373

**Feature 9885 fire mark**

Unit: AQ46 excavated in 2009 Group: Group\_01

Period: ceramic; Phase: ceramic

Description: a fireplace of the ceramic occupation; located in the center of Unit AQ 46; consisted of semi-compact, burned, granular soil of black color, mixed with ashes

Comments: The feature was briefly described in the original description of Feature 4374.

Stratigraphic position: above: 4374; below: 4373

**Feature 9895 fireplace**

Unit: AQ46 excavated in 2009 Group: Group\_03

Period: archaic; Phase: 4

Description: Feature 9895 was a fireplace in the surface of Feature 4375 in the southeast of Unit AQ 46. The shape was irregular, with straight edges corresponding with the eastern and southern edges of Unit AQ 46. The maximum length was 191 cm from north to south, the maximum width was 89 cm from west to east. The depth is unknown. The feature was probably relatively thin and attached to the surface of Feature 4375. The material consisted of burned, loose soil of black color, mixed with ashes.

Comments: The feature was briefly described within the original documentation of Feature 4375. It was in the east probably very thin and not much expanding, as it was not found on the eastern adjacent Unit 6.

Stratigraphic position: above: 4375; below: 4374

Location (closest features): north: 4375; east: 9852; west: 4375

On figure(s): Plan 1; Plan 2

**Feature 9896 pit**

Unit: AQ46 excavated in 2009 Group: Group\_01

Period: ceramic; Phase: ceramic

Description: pit of the ceramic occupation in the western part of Unit AQ 46

Stratigraphic position: above: 4374; below: 4373

**Feature 9897 occupation layer**

Unit: AQ46 excavated in 2009

Period: archaic; Phase: 3

Description: Feature 9897 was an occupation layer in the northwest of Unit AQ 46. It was of irregular shape. The maximum length was 278 cm from northwest to southeast and the maximum width was 128 cm from northeast to southwest. The depth is unknown. The filling material consisted of dark beige soil with plant remains.

Comments: The feature was briefly described within the original description of Feature 4385 and was reconstructed from the documentation.

Stratigraphic position: above: 4386; 4387; below: 4375

Location (closest features): north: 4322; east: 9925; south: 4378

On figure(s): Plan 3; Plan 4-5

**Feature 9898 post hole**

Unit: AQ46 excavated in 2009

Period: archaic; Phase: 2

Description: Feature 9898 was a small post hole in the east of Unit AQ 46. It was of regular oval shape, orientated from north to south. It was 11 cm long, 9 cm wide and about 5 cm deep. The filling material is not detailed reported.

Comments: The feature was reconstructed by the descriptions and drawings of Feature 4385.

Stratigraphic position: above: 4385; below: 4381

On figure(s): Plan 7; Plan 8; Plan 9-11

Associated radiocarbon samples

Sample	material	size (mg)	radiocarbon age (BP)	±	delta13 ‰
Hd-30133	wood	35,6	4533	24	-26,6

**Feature 9899 post**

Unit: AQ46 excavated in 2009 Group: Group\_07

Period: archaic; Phase: 0

Description: Feature 9899 was the remain of a small post in the southeast of a 1m wide trench on the southern edge of Unit AQ 46 and thus located in the southeast of Unit AQ 46. The diameter of the post was about 3 cm. It was towering for about 3 cm above the surrounding material of Feature 4388. The length was not reported. The post was located 4 cm south of Feature 9900, which is another post of the same size and material.

Comments: The post was documented on the drawings and the photographs, but not described in the documentation.

Stratigraphic position: above: 4388; below: 4385

Location (closest features): north: 9900; east: 4388; south: 4388; west: 9907

On figure(s): Plan 9-11

**Feature 9900 post**

Unit: AQ46 excavated in 2009 Group: Group\_07

Period: archaic; Phase: 0

Description: Feature 9900 was the remain of a small post in the southeast of a 1m wide trench on the southern edge of Unit AQ 46 and thus located in the southeast of Unit AQ 46. The diameter of the post was about 3 cm. It was towering for about 3 cm above the surrounding material of Feature 4388. The length was not reported. The post was located 4 cm north of Feature 9899, which is another post of the same size and material.

Comments: The post was documented on the drawings and the photographs, but not described in the documentation.

Stratigraphic position: above: 4388; below: 4385

Location (closest features): north: 4388; east: 4388; south: 9899; west: 9907

On figure(s): Plan 9-11

**Feature 9901 pit**

Unit: AQ46 excavated in 2009 Group: Group\_09

Period: archaic; Phase: 0

Description: Feature 9901 was a pit in the southern part of the test trench within the southwestern edge of Unit AQ 46 and thus in the southeast of Unit AQ 46. It was of irregular oval shape, orientated from north to south. It was 15 cm long, 8 cm wide and 6 cm deep. The filling material consisted of loose, fine soil of dark beige color, mixed with some stones, small plant remains and sparse charcoal remains.

Comments: The feature was originally described within the description of Feature 4389 as pit 1. No details about the subsurface form are reported.

Stratigraphic position: above: 4389; below: 4388

Location (closest features): north: 9900; east: 9908; south: 9906

On figure(s): Plan 10; Plan 11

Associated radiocarbon samples

Sample	material	size (mg)	radiocarbon age (BP)	±	delta13 ‰
MAMS-13571	charcoal	11	4752	24	-30,7

**Feature 9902 occupation layer**

Unit: AQ46 excavated in 2009

Period: archaic; Phase: 0

Description: Feature 9902 was a small remain in the southeast of the 1 m wide trench within the southern edge of Unit AQ 46 and thus located in the southeast of Unit AQ 46. It was of irregular shape. The maximum length was 176 cm from northwest to southeast and 100 cm from northeast to southwest corresponding to the width of the trench. The depth is unknown, but the feature was probably very thin. The material consisted of semi-compact, fine soil of dark

grey color, mixed with some small stones.

Comments: The feature was briefly described within the original description of Feature 4393. It was reconstructed from the documentation.

Stratigraphic position: above: NaSuAQ46; below: 4389; 9908; 9914

Location (closest features): north: 4393; east: 4491; west: 9904

**Feature 9903      occupation layer**

Unit: AQ46      excavated in 2009

Period: archaic; Phase: 2

Description: Feature 9903 was an occupation layer remain in the northwest of Unit AQ 46. It was of irregular shape. The maximum length was 206 cm from northwest to southeast. The maximum width was 119 cm from northeast to southwest. The depth is unknown. The feature was not excavated. The material consisted of fine soil of light grey color.

Comments: The feature was briefly described within the original discription of Feature 4385 and was reconstructed from the documentation.

Stratigraphic position: below: 4386; 4387

Location (closest features): east: 4384; south: 4382

On figure(s): Plan 6

**Feature 9904      pit**

Unit: AQ46      excavated in 2009 Group: Group\_09

Period: archaic; Phase: 0

Description: Feature 9904 was a pit in the southern part of the test trench within the southwestern edge of Unit AQ 46 and thus in the southeast of Unit AQ 46. It was of regular oval shape, orientated from the northeast towards the southwest. It was 14 cm long, 11 cm wide and about 6 cm deep. The filling material consisted of loose, fine soil of dark beige color, mixed with some stones, small plant remains and sparse charcoal remains.

Comments: The feature was originally described within the description of Feature 4389 as pit. No details about the subsurface form are reported.

Stratigraphic position: above: 4389; below: 4388

Location (closest features): north: 9907; east: 9908; west: 4395

On figure(s): Plan 10; Plan 11

Associated macrobotanical remains

taxon	topology	comp. rem.	fragment	total	weight (g)
Prosopis pallida	seed	24		24	0,5

**Feature 9905      post hole**

Unit: AQ46      excavated in 2009 Group: Group\_09

Period: archaic; Phase: 0

Description: Feature 9905 was a small post hole in the southern part of the test trench within the southwestern edge of Unit AQ 46 and thus in the southeast of Unit AQ 46. It was of regular circular shape with a diameter of 8 cm. The depth is unknown. The filling material consisted of loose, fine soil of dark beige color, mixed with some stones, small plant remains and sparse charcoal remains.

Comments: The feature was originally described within the description of Feature 4389 as pit. No details about the subsurface form are reported.

Stratigraphic position: above: 4389; below: 4388

Location (closest features): east: 9914; south: 9907; west: 4395

On figure(s): Plan 10; Plan 11

Associated macrobotanical remains

taxon	topology	comp. rem.	fragment	total	weight (g)
FABACEAE	fruit		2	2	0,5
Prosopis pallida	fruit		1	1	0,5
Prosopis pallida	seed	6		6	0,5

MAGNOLIOPSIDA	stem		1	1	0,5
Schinus molle	fruit	1		1	0,5

**Feature 9906 post hole**

Unit: AQ46 excavated in 2009 Group: Group\_09

Period: archaic; Phase: 0

Description: Feature 9905 was a small post hole in the southern part of the test trench within the southwestern edge of Unit AQ 46 and thus in the southeast of Unit AQ 46. It was of regular circular shape with a diameter of 7 cm. The depth is unknown. The filling material consisted of loose, fine soil of dark beige color, mixed with some stones, small plant remains and sparse charcoal remains.

Comments: The feature was originally described within the description of Feature 4389 as pit. No details about the subsurface form are reported.

Stratigraphic position: above: 4389; below: 4388

Location (closest features): north: 9901; east: 4377

On figure(s): Plan 10; Plan 11

**Feature 9907 post hole**

Unit: AQ46 excavated in 2009 Group: Group\_07

Period: archaic; Phase: 0

Description: Feature 9905 was a small post hole in the southern part of the test trench within the southwestern edge of Unit AQ 46 and thus in the southeast of Unit AQ 46. It was of regular circular shape with a diameter of 11 cm. The depth is unknown. The filling material consisted of loose, fine soil of dark beige color, mixed with some stones, small plant remains and sparse charcoal remains.

Comments: The feature was originally described within the description of Feature 4389 as pit. No details about the subsurface form are reported.

Stratigraphic position: above: 4388; below: 4385

Location (closest features): north: 9905; east: 9900; south: 9904; west: 4395

On figure(s): Plan 9-11

Associated macrobotanical remains

taxon	topology	comp. rem.	fragment	total	weight (g)
Prosopis pallida	seed	5		5	0,5

**Feature 9908 pit**

Unit: AQ46 excavated in 2009 Group: Group\_08

Period: archaic; Phase: 0

Description: Feature 9908 was a small pit in the southern part of the test trench within the southwestern edge of Unit AQ 46 and thus in the southeast of Unit AQ 46. It was of regular oval shape, orientated from north to south. It was 11 cm long and 9 cm wide. The exact depth is unknown but indicated as having been between 2 and 13 cm in general for the pits in the area of excavation. The filling material consisted of loose, fine soil of dark beige-grey color, mixed with some gravel, small plant remains and some charcoal remains. Some inclusions of burned soil were located within the material.

Comments: The feature was originally described within the description of Feature 4393 as pit 7. No details about the subsurface form are reported.

Stratigraphic position: above: 9902; below: 4393

Location (closest features): north: 9902; east: 9909; south: 4373; west: 9901

On figure(s): Plan 11

**Feature 9909 post hole**

Unit: AQ46 excavated in 2009 Group: Group\_06

Period: archaic; Phase: 0

Description: Feature 9909 was a small post hole in the southern part of the test trench within the southwestern edge of Unit AQ 46 and thus in the southeast of Unit AQ 46. It was of regular circular shape, with a diameter of 8 cm. The

exact depth is unknown but indicated as having been between 2 and 13 cm in general for the pits in the area of excavation. The filling material consisted of loose, fine soil of dark beige-grey color, mixed with some gravel, small plant remains and some charcoal remains. Some inclusions of burned soil were located within the material.

Comments: The feature was originally described within the description of Feature 4393 as pit 6. No details about the subsurface form are reported.

Stratigraphic position: above: 4393; below: 4385

Location (closest features): north: 9908; east: 9913; south: 4379; west: 9901

On figure(s): Plan 9-11

**Feature 9910 post hole**

Unit: AQ46 excavated in 2009 Group: Group\_06

Period: archaic; Phase: 0

Description: Feature 9909 was a small post hole in the southern part of the test trench within the southwestern edge of Unit AQ 46 and thus in the southeast of Unit AQ 46. It was of regular circular shape, with a diameter of 7 cm. The exact depth is unknown but indicated as having been between 2 and 13 cm in general for the pits in the area of excavation. The filling material consisted of loose, fine soil of dark beige-grey color, mixed with some gravel, small plant remains and some charcoal remains. Some inclusions of burned soil were located within the material.

Comments: The feature was originally described within the description of Feature 4393 as pit 5. No details about the subsurface form are reported.

Stratigraphic position: above: 4393; below: 4385

Location (closest features): north: 4381; east: 9911; south: 9913; west: 9909

On figure(s): Plan 9-11

Associated macrobotanical remains

taxon	topology	comp. rem.	fragment	total	weight (g)
FABACEAE	fruit		1	1	0,5
FABACEAE	seed	1		1	0,5
Prosopis pallida	seed	1		1	0,5

**Feature 9911 post hole**

Unit: AQ46 excavated in 2009 Group: Group\_06

Period: archaic; Phase: 0

Description: Feature 9910 was a small post hole in the southern part of the test trench within the southwestern edge of Unit AQ 46 and thus in the southeast of Unit AQ 46. It was of regular circular shape, with a diameter of 7 cm. The exact depth is unknown but indicated as having been between 2 and 13 cm in general for the pits in the area of excavation. The filling material consisted of loose, fine soil of dark beige-grey color, mixed with some gravel, small plant remains and some charcoal remains. Some inclusions of burned soil were located within the material.

Comments: The feature was originally described within the description of Feature 4393 as pit 4. No details about the subsurface form are reported.

Stratigraphic position: above: 4393; below: 4385

Location (closest features): east: 9912; south: 4384; west: 9910

On figure(s): Plan 9-11

**Feature 9912 post hole**

Unit: AQ46 excavated in 2009 Group: Group\_06

Period: archaic; Phase: 0

Description: Feature 9910 was a small post hole in the southern part of the test trench within the southwestern edge of Unit AQ 46 and thus in the southeast of Unit AQ 46. It was of regular circular shape, with a diameter of 10 cm. The exact depth is unknown but indicated as having been between 2 and 13 cm in general for the pits in the area of excavation. The filling material consisted of loose, fine soil of dark beige-grey color, mixed with some gravel, small plant remains and some charcoal remains. Some inclusions of burned soil were located within the material.

Comments: The feature was originally described within the description of Feature 4393 as pit 3. No details about the subsurface form are reported.

Stratigraphic position: above: 4393; below: 4385

Location (closest features): east: 4491; south: 4394; west: 9911

On figure(s): Plan 9-11

Associated macrobotanical remains

taxon	topology	comp. rem.	fragment	total	weight (g)
Prosopis pallida	fruit		1	1	0,5
Prosopis pallida	seed	1		1	0,5

**Feature 9913 pit**

Unit: AQ46 excavated in 2009 Group: Group\_06

Period: archaic; Phase: 0

Description: Feature 9910 was a small pit in the southern part of the test trench within the southwestern edge of Unit AQ 46 and thus in the southeast of Unit AQ 46. It was of regular circular shape, with a diameter of 19 cm. The exact depth is unknown but indicated as having been between 2 and 13 cm in general for the pits in the area of excavation. The filling material consisted of loose, fine soil of dark beige-grey color, mixed with some gravel, small plant remains and some charcoal remains. Some inclusions of burned soil were located within the material.

Comments: The feature was originally described within the description of Feature 4393 as pit 2. No details about the subsurface form are reported.

Stratigraphic position: above: 4393; below: 4385

Location (closest features): north: 9910; east: 4394; south: 4379; west: 9909

On figure(s): Plan 9-11

Associated macrobotanical remains

taxon	topology	comp. rem.	fragment	total	weight (g)
Prosopis pallida	fruit		1	1	0,5
Prosopis sp./Acacia sp.	seed	2		2	0,5

**Feature 9914 post hole**

Unit: AQ46 excavated in 2009 Group: Group\_08

Period: archaic; Phase: 0

Description: Feature 9910 was a small post hole in the southern part of the test trench within the southwestern edge of Unit AQ 46 and thus in the southeast of Unit AQ 46. It was of regular circular shape, with a diameter of 12 cm. The exact depth is unknown but indicated as having been between 2 and 13 cm in general for the pits in the area of excavation. The filling material consisted of loose, fine soil of dark beige-grey color, mixed with some gravel, small plant remains and some charcoal remains. Some inclusions of burned soil were located within the material.

Comments: The feature was originally described within the description of Feature 4393 as pit 1. No details about the subsurface form are reported.

Stratigraphic position: above: 9902; below: 4393

Location (closest features): east: 9910; south: 9908; west: 9907

On figure(s): Plan 11

Associated macrobotanical remains

taxon	topology	comp. rem.	fragment	total	weight (g)
Prosopis sp./Acacia sp.	seed	10		10	0,5
Schinus molle	fruit	1		1	0,5
MAGNOLIOPSIDA	seed	3		3	0,5

**Feature 9915 pit**

Unit: AQ46 excavated in 2009 Group: St\_13

Period: archaic; Phase: 0

Description: Feature 9915 was a probable large pit in the southwest of Unit AQ 46. It was encaved into the natural surface. It was located on the southern edge of the excavation unit and just partly excavated. The uppermost part of the uppermost filling or occupation layer was excavated. Due to the limited space the main part of the probable large pit was left unexcavated. Thus no information about the depth and the entire shape of the probable large pit

can be given. The southwestern edge was straight due to the edge of the excavation unit in this part. The northeastern edge was irregular bent. The maximum length was 298 cm from northwest to southeast. The maximum width was 98 cm from northeast to southwest. The feature was not excavated thus the depth is unknown.

Comments: The probable large pit was not entirely excavated. It was located on the edge of a wall of the ceramic occupation. The assumed larger part of it is probably located below the unexcavated part.

Interpretation: Due to the shape and location of the feature it is interpreted as being a part of a large pit, comparable to other similar features within the site.

Stratigraphic position: above: NaSuAQ46; below: 4391

Location (closest features): east: 4392; south: 4395

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**Feature 9916      pit**

Unit: 5    excavated in 2009 Group: St\_12\_dw

Period: archaic; Phase: 3

Description: Feature 9916 was a small pit in the northern edge of a large pit (Feature 9917), and thus in the western central part of Unit 5. It was of regular oval shape, orientated from west to east. It was 22 cm long and 18 cm wide. The depth is unknown.

Comments: The feature was reconstructed from the drawing information. Thus no information about the filling material are given.

Stratigraphic position: above: 9917; below: 4307-2

Location (closest features): north: 4310; east: 9920; south: 4302; west: 9917

On figure(s): 38c; 39c-d; 40a-b

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**Feature 9917      pit**

Unit: 5    excavated in 2009 Group: St\_12\_dw

Period: archaic; Phase: 3

Description: Feature 9917 was a large pit carved into the natural surface in the central western part of Unit 5. Due to the location of a wall building of the ceramic period located above the large pit, it was just partly excavated. The not excavated part was located in the southwest of the large pit. Thus the excavated part of the large pit had an internal straight edge in the center from north to south and connected to this a straight edge from the northern central part towards the northwest. In the south the edge of the excavation unit was reached. Thus the southern edge of the excavated part was straight as well. The excavated edges of the large pit were bent, forming an irregular semicircular shape, orientated from north to south. In the west the edge was damaged by a pit. The maximum length of the excavated part was 422 cm from north to south and the maximum width was 255 cm from west to east. The walls were inclined in the north and relatively steep in the east. The bottom was relatively plane, especially in the southern part. The depth in the northern part was 72 cm, whereas in the southern part just 41 cm. The large pit was filled with different filling and occupation layers (Features 4323, 4320, 4315, 4307-1, 4307-2) and several features associated to those.

Comments: Due to the restricted excavation the original shape of the large pit is difficult to estimate, but was probably irregular oval or irregular rectangular, orientated from north to south, whereas the bottom probably had a more or less regular oval shape orientated from north to south.

Stratigraphic position: above: NaSuU5; below: 4323; 4324; 9916; 9919; 9920

Location (closest features): east: 9925; south: 9897

On figure(s): 38c; 39b-d; 40a-b

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**Feature 9918      post hole**

Unit: 5    excavated in 2009 Group: St\_12\_dw

Period: archaic; Phase: 3

Description: Feature 9918 was a post hole in the center of a large pit (Feature 9917) and thus in the center of Unit 5. It was of regular circular shape with a diameter of 16 cm. The depth was 5 to 6 cm. The filling material consisted of partly burned soil of dark beige color, mixed with some small charcoal remains and gravel.

Comments: The feature was described within the original documentation of Feature 4323.

Stratigraphic position: above: 4323; below: 4320

Location (closest features): north: 9920; east: 4312; south: 9921; west: 9917

On figure(s): 38c; 40b

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**Feature 9919**      **post hole**

Unit: 5    excavated in 2009    Group: St\_12\_dw

Period: archaic; Phase: 3

Description: Feature 9919 was a small post hole in the east of a large pit (Feature 9917) and thus in the center of Unit 5. It was of regular circular shape with a diameter of 10 cm. The depth was 5 to 6 cm. The filling material consisted of partly burned soil of dark beige color, mixed with some small charcoal remains and gravel.

Comments: The feature was described within the original documentation of Feature 4323.

Stratigraphic position: above: 9917; below: 4307-2

Location (closest features): north: 4311; east: 9917; south: 4312; west: 9917

On figure(s): 38c; 39c-d; 40a-b

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**Feature 9920**      **post hole**

Unit: 5    excavated in 2009    Group: St\_12\_dw

Period: archaic; Phase: 3

Description: Feature 9920 was a small post hole in the northern edge of a large pit (Feature 9917) and thus in the center of Unit 5. It was of regular circular shape with a diameter of 12 cm. The depth was 5 to 6 cm. The filling material consisted of partly burned soil of dark beige color, mixed with some small charcoal remains and gravel.

Comments: The feature was described within the original documentation of Feature 4323.

Stratigraphic position: above: 9917; below: 4307-2

Location (closest features): north: 9917; east: 4311; south: 9919; west: 9916

On figure(s): 39c-d; 40a-b

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**Feature 9921**      **fire mark**

Unit: 5    excavated in 2009    Group: St\_12\_bu

Period: archaic; Phase: 4

Description: Feature 9921 was a fire mark in the surface of Feature 4307-1 which is the uppermost filling layer of a large pit (Feature 9917) and thus located in the center of Unit 6. It was of irregular shape, with a maximum length of 85 cm from northeast to southwest and a maximum width of 49 cm from northwest to southeast. The depth is unknown. The feature was probably very thin and attached to the surface of Feature 4307-1. The filling material consisted of burned soil of black color, mixed with ashes.

Comments: The feature was briefly described within the original documentation of Feature 4307.

Stratigraphic position: above: 4307-1; below: 4303

Location (closest features): north: 4312; east: 4307-1; south: 4307-1; west: 4307-1

On figure(s): 39a

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**Feature 9922**      **pit**

Unit: 5    excavated in 2008    Group: Group\_10

Period: archaic; Phase: 5

Description: Feature 9922 was a small pit in the southeast of Unit 5. It was of irregular oval shape, orientated from north to south. It was 12 cm long and 8 cm wide. The depth is not reported.

Comments: The feature was reconstructed from the drawing information. Thus no information about the filling material are given.

Stratigraphic position: above: NaSuU5; below: 4098

Location (closest features): north: 9923

On figure(s): Plan 1-11

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**Feature 9923**      **pit**

Unit: 5    excavated in 2008    Group: Group\_10

Period: archaic; Phase: 5

Description: Feature 9923 was a small pit in the southeast of Unit 5. It was of irregular oval shape, orientated from north to south. It was 12 cm long and 10 cm wide. The depth is not reported.

Comments: The feature was reconstructed from the drawing information. Thus no informations about the filling material are given.

Stratigraphic position: above: NaSuU5; below: 4098

Location (closest features): south: 9922

On figure(s): Plan 1-11

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**Feature 9924      burned zone**

Unit: 5    excavated in 2008

Period: archaic; Phase: 0

Description: Feature 9924 was a burned zone in the southern central part of Unit 5. It covered an irregular area and was slightly inclined from east to west. Different features were intrusive into the surface. The maximum length was 306 cm from north to south, the maximum width was 270 cm from east to west. The burned zone was very thin and had probably about 1 cm of thickness. The material consisted of fine, compact, burned soil.

Comments: Feature 9924 was reconstructed from the drawings. It was mentioned as a burned zone below Feature 4043 and directly on the natural surface.

Stratigraphic position: above: NaSuU5; below: 9930; 9931; 9932; 9934; 9935; 9936; 9937

Location (closest features): east: 9939; south: 9929

On figure(s): Plan 1-11

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**Feature 9925      reconstructed layer**

Unit: 5    excavated in 2008

Period: archaic; Phase: 3

Description: Feature 9925 is a reconstructed layer. It is visible in the west profile and the south profile of Unit 5 taken in the campaign of 2008. Below Feature 4038 and above Feature 4043 a thin layer was located in the profile, but not excavated in the planum. This resulted probably of the fine thickness. The layer is reconstructed has having been covering the area under the area of Feature 4038 as it was interpreted as being the second compound of it. The reconstructed layer was reconstructed to have been distributed irregularly in the southern center of Unit 5 and having been - due to the profiles, about 8 cm thick. The material was sandy soil, mixed with some small stones and gravel.

Comments: As the layer was reconstructed, no material can be reported. The material and the artifacts were reported within Feature 4038.

Stratigraphic position: above: 4044; 4045; 4047; 9937; 9941; 9945; 9946; below: 4038

On figure(s): Plan 1-5

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**Feature 9928      post mark**

Unit: 5    excavated in 2008    Group: Group\_14

Period: archaic; Phase: 0

Description: Feature 9928 was a small post mark in the south of Unit 5. It was of regular oval shape, orientated from north to south. It was 11 cm long and 8 cm wide. The depth is unknown.

Comments: The feature was briefly mentioned in the original description of Feature 4049 and was reconstructed from the drawing information. Thus no informations about the filling material are given.

Stratigraphic position: above: NaSuU5; below: 4043-2

Location (closest features): north: 9938; south: 9870; west: 9929

On figure(s): Plan 9-11

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**Feature 9929      post mark**

Unit: 5    excavated in 2008    Group: Group\_14

Period: archaic; Phase: 0

Description: Feature 9929 was a small post mark in the south of Unit 5. It was of regular oval shape, orientated from

northwest to southeast. It was 13 cm long and 9 cm wide. The depth is unknown.

Comments: The feature was briefly mentioned in the original description of Feature 4049 and was reconstructed from the drawing information. Thus no informations about the filling material are given.

Stratigraphic position: above: NaSuU5; below: 4043-2

Location (closest features): north: 9930; east: 9929; south: 9869

On figure(s): Plan 9-11

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**Feature 9930      pit**

Unit: 5    excavated in 2008    Group: Group\_13

Period: archaic; Phase: 0

Description: Feature 9930 was a pit in the south of Unit 5. It was of irregular circular shape with a diameter of 28 cm. The depth is unknown.

Comments: The feature was briefly mentioned in the original description of Feature 4049 and was reconstructed from the drawing information. Thus no informations about the filling material are given.

Stratigraphic position: above: 9924; below: 4043-2

Location (closest features): north: 9936; east: 9928; south: 9929; west: 9931

On figure(s): Plan 9-11

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**Feature 9931      post hole**

Unit: 5    excavated in 2008    Group: Group\_13

Period: archaic; Phase: 0

Description: Feature 9931 was a small post mark in the south of Unit 5. It was of regular oval shape, orientated from northwest to southeast. It was 14 cm long, 12 cm wide and 9 cm deep. The walls were steep and the bottom plane. The filling material consisted of semi-compact to loose, middle-fine soil of dark beige color, mixed with charcoal remains and sparse plant remains.

Comments: The feature was described within the original description of Feature 4043 as pit 22.

Stratigraphic position: above: 9924; below: 4043-2

Location (closest features): north: 9936; east: 9930; south: 9874; west: 9932

On figure(s): Plan 9-11

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**Feature 9932      pit**

Unit: 5    excavated in 2008    Group: Group\_13

Period: archaic; Phase: 0

Description: Feature 9932 was a pit in the south of Unit 5. It was of irregular circular shape with a diameter of 31 cm and a depth of 9 cm. The walls were inclined and the bottom concave. The filling material consisted of semi-compact to loose, middle-fine soil of dark beige color, mixed with charcoal remains and sparse plant remains.

Comments: The feature was described within the original description of Feature 4043 as pit 23.

Stratigraphic position: above: 9924; below: 4043-2

Location (closest features): north: 9936; east: 9931; west: 9934

On figure(s): Plan 9-11

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**Feature 9934      post mark**

Unit: 5    excavated in 2008    Group: Group\_13

Period: archaic; Phase: 0

Description: Feature 9934 was a small post mark in the south of Unit 5. It was of irregular circular shape with a diameter of 14 cm. The depth is unknown.

Comments: The feature was briefly mentioned in the original description of Feature 4049 and was reconstructed from the drawing information. Thus no informations about the filling material are given.

Stratigraphic position: above: 9924; below: 4043-2

Location (closest features): north: 9935; east: 9932

On figure(s): Plan 9-11

.....  
**Feature 9935 pit**

Unit: 5 excavated in 2008 Group: Group\_13

Period: archaic; Phase: 0

Description: Feature 9935 was a pit in the south of Unit 5. It was located on the edge of the excavation unit of the campaign of 2009. Thus the shape was in general oval, orientated from north to south, but with a straight western edge corresponding with the excavation edge. It was 34 cm long, 23 cm and 8 cm deep. The walls were inclined and the bottom concave. The filling material consisted of semi-compact to loose, middle-fine soil of dark beige color, mixed with charcoal remains and sparse plant remains.

Comments: The feature was described within the original description of Feature 4043 as pit 25.

Stratigraphic position: above: 9924; below: 4043-2

Location (closest features): south: 9934; west: 9936

On figure(s): Plan 9-11

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**Feature 9936 post hole**

Unit: 5 excavated in 2008 Group: Group\_13

Period: archaic; Phase: 0

Description: Feature 9936 was a small post mark in the south of Unit 5. It was of irregular circular shape with a diameter of 12 cm and a depth of 10 cm. The walls were steep and the bottom relatively plane. The filling material consisted of semi-compact to loose, middle-fine soil of dark beige color, mixed with remains of charcoal and sparse plant remains.

Comments: The feature was described within the original description of Feature 4043 as pit 18.

Stratigraphic position: above: 9924; below: 4043-2

Location (closest features): south: 9931; west: 9935

On figure(s): Plan 9-11

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**Feature 9937 pit**

Unit: 5 excavated in 2008

Period: archaic; Phase: 2

Description: Feature 9937 was a pit located in the south of Unit 5. It was located on the edge of the excavation unit of the campaign of 2009. Thus the shape was in general oval, orientated from north to south, but with a straight western edge corresponding with the excavation edge. It was 32 cm long, 24 cm wide and 15 cm deep. The walls were relatively steep and the bottom concave. The filling material consisted of semi-compact to loose, middle-fine soil of dark beige color, mixed with charcoal remains and sparse plant remains.

Comments: The feature was described within the original description of Feature 4043 as pit 17.

Stratigraphic position: above: 9924; below: 9925

Location (closest features): north: 4040; east: 4045

On figure(s): Plan 6-11

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**Feature 9938 pit**

Unit: 5 excavated in 2008 Group: Group\_13

Period: archaic; Phase: 0

Description: Feature 9938 was a pit in the central eastern part of Unit 5. It was of irregular oval shape, orientated from northeast to southwest. It was 16 cm long and 12 cm wide. The depth is unknown.

Comments: The feature was briefly mentioned in the original description of Feature 4049 and was reconstructed from the drawing information. Thus no informations about the filling material are given.

Stratigraphic position: above: 9924; below: 4043-2

Location (closest features): north: 9940; east: 9939; south: 9928

On figure(s): Plan 9-11

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**Feature 9939 post mark**

Unit: 5 excavated in 2008 Group: Group\_14

Period: archaic; Phase: 0

Description: Feature 9939 was a post mark in the central eastern part of Unit 5. It was of irregular circular shape with a diameter of 9 cm. The depth is unknown.

Comments: The feature was briefly mentioned in the original description of Feature 4049 and was reconstructed from the drawing information. Thus no informations about the filling material are given.

Stratigraphic position: above: NaSuU5; below: 4043-2

Location (closest features): north: 9924; west: 9924

On figure(s): Plan 6-11

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**Feature 9940 pit**

Unit: 5 excavated in 2008 Group: Group\_13

Period: archaic; Phase: 0

Description: Feature 9940 was a pit in the central eastern part of Unit 5. It was of irregular oval shape, orientated from northeast to southwest. It was 28 cm long and 20 cm wide. The depth is unknown.

Comments: The feature was briefly mentioned in the original description of Feature 4049 and was reconstructed from the drawing information. Thus no informations about the filling material are given.

Stratigraphic position: above: 9924; below: 4043-2

Location (closest features): south: 9938

On figure(s): Plan 7-11

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**Feature 9941 post mark**

Unit: 5 excavated in 2008

Period: archaic; Phase: 2

Description: Feature 9941 was a post mark in the southeast of Unit 5. It was irregular circular with a diameter of 14 cm. The depth is unknown.

Comments: The feature was briefly mentioned in the original description of Feature 4049 and was reconstructed from the drawing information. Thus no informations about the filling material are given.

Stratigraphic position: above: NaSuU5; below: 9925

Location (closest features): north: 3990; south: 9945; west: 9946

On figure(s): Plan 1-11

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**Feature 9942 post mark**

Unit: 5 excavated in 2008 Group: Group\_11

Period: archaic; Phase: 3

Description: Feature 9942 was a post mark in the central eastern part of Unit 5. It was regular circular with a diameter of 12 cm. The depth is unknown.

Comments: The feature was briefly mentioned in the original description of Feature 4049 and was reconstructed from the drawing information. Thus no informations about the filling material are given.

Stratigraphic position: above: NaSuU5; below: 4039

Location (closest features): north: 3990; south: 4047; west: 4044

On figure(s): 34; Plan 4-11

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**Feature 9943 pit**

Unit: 5 excavated in 2008 Group: Group\_11

Period: archaic; Phase: 3

Description: Feature 9943 was pit in the central eastern part of Unit 5. It was regular oval, orientated from west to east. It was 14 cm long and 11 cm wide. The depth is unknown.

Comments: The feature was briefly mentioned in the original description of Feature 4049 and was reconstructed from the drawing information. Thus no informations about the filling material are given.

Stratigraphic position: above: NaSuU5; below: 4039

Location (closest features): north: 4086-2; east: 4316; south: 9946; west: 9947

On figure(s): 34; Plan 1-11

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**Feature 9944**      **pit**

Unit: 5   excavated in 2008   Group: Group\_12

Period: archaic; Phase: 2

Description: Feature 9944 was pit in the southeast of Unit 5. It was of irregular oval shape and damaged by the pit of Feature 4045 in the northwestern part. It was orientated from west to east, 29cm long and 23 cm wide. The depth is unknown.

Comments: The feature was briefly mentioned in the original description of Feature 4043 as pit 6 and was reconstructed from the drawing information. Thus no informations about the filling material are given.

Stratigraphic position: above: 4043-1; 4043-2; below: 4045

Location (closest features): north: 4045; east: 4098; south: 9930

On figure(s): Plans 6-11

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**Feature 9945**      **pit**

Unit: 5   excavated in 2008   Group: Group\_12

Period: archaic; Phase: 2

Description: Feature 9945 was pit in the central eastern part of Unit 5. It was of irregular oval shape, orientated from west to east, 26 cm long and 24 cm wide. The depth is unknown.

Comments: The feature was briefly mentioned in the original description of Feature 4043 as pit 5 and was reconstructed from the drawing information. Thus no informations about the filling material are given.

Stratigraphic position: above: 4043-1; 4043-2; below: 9925

Location (closest features): north: 9941; east: 4498; south: 4042; west: 4045

On figure(s): Plan 1-11

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**Feature 9946**      **pit**

Unit: 5   excavated in 2008   Group: Group\_12

Period: archaic; Phase: 2

Description: Feature 9946 was pit in the central eastern part of Unit 5. It was of irregular oval shape, orientated from west to east, 22 cm long and 16 cm wide. The depth is unknown.

Comments: The feature was briefly mentioned in the original description of Feature 4043 as pit 2 and was reconstructed from the drawing information. Thus no informations about the filling material are given.

Stratigraphic position: above: 4043-1; 4043-2; below: 9925

Location (closest features): north: 3990; east: 9941; south: 9945; west: 4047

On figure(s): Plan 6-11

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**Feature 9947**      **post hole**

Unit: 5   excavated in 2008   Group: Group\_11

Period: archaic; Phase: 3

Description: Feature 9947 was a small post hole in the central eastern part of Unit 5. It was of irregular circular shape with a diameter of 12 cm. The depth is unknown.

Comments: The feature was briefly mentioned in the original description of Feature 4049 and was reconstructed from the drawing information. Thus no informations about the filling material are given.

Stratigraphic position: above: NaSuU5; below: 4039

Location (closest features): north: 4086-2; east: 9942; south: 9925; west: 9925

On figure(s): Plan 4-11

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**Feature 9948**      **post hole**

Unit: 5   excavated in 2008   Group: Group\_11

Period: archaic; Phase: 3

Description: Feature 9948 was a small post hole in the central eastern part of Unit 5. It was of irregular oval shape,

orientated from north to south. It was 19 cm long and 15 cm wide. The depth is unknown.

Comments: The feature was briefly mentioned in the original description of Feature 4049 and was reconstructed from the drawing information. Thus no informations about the filling material are given.

Stratigraphic position: above: NaSuU5; below: 4039

Location (closest features): north: 9943; south: 9942; west: 9947

On figure(s): 34; Plan 4-11

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**Feature 9949      occupation debris**

Unit: 5    excavated in 2008

Period: ceramic; Phase: ceramic

Description: a patch of occupation debris in the northwest of Unit 5 (campaign of 2008); consists of loose, granular soil of dark grey color; mixed with abundant gravel, stones and charcoal remains

Comments: reconstructed using the excavation report and the drawings; in the excavation report this zone was mentioned as the only area in which ceramic was found; thus it is probably intrusive from above

Stratigraphic position: above: 4038; below: 4035

On figure(s): Plan 6

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**Feature 9950      pit**

Unit: 5    excavated in 2008 Group: St\_08\_dw

Period: archaic; Phase: 4

Description: Feature 9950 was a pit in the south of the bottom of a large pit (Feature 4090a and Feature 4272F) and thus in the east of Unit 5. It was of regular oval shape, orientated from north to south. It was 34 cm long and 28 cm wide. It was covered with a big stone. The depth is unknown.

Comments: The feature was reconstructed from the drawings of Feature 4090, but was not described in detail. Thus no information about the filling material are given.

Stratigraphic position: above: 4090; below: 4088

Location (closest features): north: 4090; east: 4272F; south: 4090; west: 9951

On figure(s): 33d-g; 35a-b

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**Feature 9951      pit**

Unit: 5    excavated in 2008 Group: St\_08\_dw

Period: archaic; Phase: 4

Description: Feature 9951 was a pit in the southwest of the bottom of a large pit (Feature 4090a and Feature 4272F) and thus in the east of Unit 5. It was of irregular circular shape with a diameter of 28cm. The depth is unknown. It was covered with two big stones.

Comments: The feature was reconstructed from the drawings of Feature 4090, but was not described in detail. Thus no information about the filling material are given.

Stratigraphic position: above: 4090; below: 4088

Location (closest features): north: 4090; east: 9950; south: 4090; west: 9952

On figure(s): 33d-g; 35a-b

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**Feature 9952      pit**

Unit: 5    excavated in 2008 Group: St\_08\_dw

Period: archaic; Phase: 4

Description: Feature 9952 was a pit in the southwest of the bottom of a large pit (Feature 4090a and Feature 4272F) and thus in the east of Unit 5. It was of irregular oval shape, orientated from northwest to southeast. It was 37 cm long and 28 cm wide. It was partly covered by a big stone that covered as well Feature 9952.

Comments: The feature was reconstructed from the drawings of Feature 4090, but was not described in detail. Thus no information about the filling material are given.

Stratigraphic position: above: 4090; below: 4088

Location (closest features): north: 4090; east: 9851; south: 4090; west: 4090

On figure(s): 33d-g; 35a-b

.....  
**Feature 9954 fireplace**

Unit: 5 excavated in 2008 Group: St\_07\_dw

Period: archaic; Phase: 3

Description: Feature 9954 was a fireplace in the surface of Feature 4079 in the southwest of a large pit (Feature 4086-2) and thus located in the center of Unit 5. The shape of the feature was very irregular. The maximum length was 160 cm from northwest to southeast and the maximum width was 76 cm from northeast to southwest. The depth was about 3 cm. The material consisted of burned soil of black color mixed with some fine soil of orange color and abundant charcoal.

Comments: The feature was briefly described within the original description of Feature 4079.

Interpretation: The fireplace could be the remain of a burned down roof of a dwelling.

Stratigraphic position: above: 4079; below: 4078

Location (closest features): north: 4079; east: 4079; south: 4079; west: 4079

On figure(s): 34

.....  
**Feature 9955 fire mark**

Unit: 5 excavated in 2008 Group: St\_07\_dw

Period: archaic; Phase: 3

Description: Feature 9955 was a small fire mark in southern part of the surface of Feature 4084 within a large pit (Feature 4086-2) and thus located in the center of Unit 5. It was of irregular shape. The maximum length was 43 cm from north to south and the maximum width was 36 cm from west to east. The depth is unknown. The feature was probably very thin and attached to the surface of Feature 4084. The material consisted of burned soil of orange color.

Comments: The feature was briefly described within the original description of Feature 4084.

Stratigraphic position: above: 4084; below: 4079

Location (closest features): north: 4084; east: 4084; south: 4084; west: 9956

On figure(s): 34

.....  
**Feature 9956 fire mark**

Unit: 5 excavated in 2008 Group: St\_07\_dw

Period: archaic; Phase: 3

Description: Feature 9956 was a fire mark in the western part of the surface of Feature 4084 within a large pit (Feature 4086-2) and thus located in the center of Unit 5. It was of irregular shape. The maximum length was 110 cm from north to south and the maximum width was 47 cm from west to east. The depth is unknown. The feature was probably very thin and attached to the surface of Feature 4084. The material consisted of burned soil of orange color.

Comments: The feature was briefly described within the original description of Feature 4084.

Stratigraphic position: above: 4084; below: 4079

Location (closest features): north: 4084; east: 9955; south: 4084; west: 4084

On figure(s): 34

.....  
**Feature 9957 fireplace**

Unit: 5 excavated in 2007

Period: archaic; Phase: 5

Description: Feature 9957 was a small fireplace in the northwest of Unit 5. It is partly damaged in the south by Feature 3975 (looter pit). Thus it had an irregular semicircular shape, orientated from northeast to southeast. The original shape was probably circular. It was 73 cm long and 34 cm wide. The depth is unknown. The material consisted of burned soil of black color, mixed with charcoal and ashes.

Comments: The feature was briefly described within the original description of Feature 3976.

Stratigraphic position: above: 3976-1; below: 3974

Location (closest features): north: 4060; east: 9978; south: 3992; west: 3231

On figure(s): Plan 1; Plan 2; Plan 3

.....  
**Feature 9958 fire mark**

Unit: 5 excavated in 2007 Group: St\_04\_bu

Period: archaic; Phase: 3

Description: Feature 9958 was a small fire mark in the north of a large pit (Feature 3990) within the surface of Feature 3976-2 and thus located in the northeast of Unit 5. It was partly damaged in the east by 3975 (looter pit). It was of irregular circular shape with a diameter of 40 cm. The depth is unknown. The material consisted of burned soil of black color, mixed with charcoal and ashes.

Comments: The feature was briefly described within the original description of Feature 3976.

Stratigraphic position: above: 3976-2; below: 3976-1

Location (closest features): north: 3991; south: 9959; west: 3983

On figure(s): 32

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**Feature 9959 fire mark**

Unit: 5 excavated in 2007 Group: St\_04\_bu

Period: archaic; Phase: 3

Description: Feature 9959 was a fire mark in the north of a large pit (Feature 3990) within the surface of Feature 3976-2 and thus located in the northeast of Unit 5. It was of irregular circular shape with a diameter of 72 cm. The depth is unknown. The material consisted of burned soil of black color, mixed with charcoal and ashes.

Comments: The feature was briefly described within the original description of Feature 3976.

Stratigraphic position: above: 3976-2; below: 3976-1

Location (closest features): north: 9958; east: 3976-2; south: 3988; west: 3980

On figure(s): 32

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**Feature 9961 eroded material**

Unit: 5 excavated in 2007 Group: St\_04\_dw

Period: archaic; Phase: 2

Description: Feature 9961 was a patch of eroded material of the natural surface in the west of the bottom of a large pit (Feature 3990) and thus located in the northeast of Unit 5. The patch was irregular shaped. On the west it was bent corresponding with the shape of the large pit. The maximum length was 294 cm from north to south and the maximum width was 88 cm from west to east. The material was about 4 to 8 cm thick. It consisted of semi-compact loose, sandy, middle-fine soil of light grey color, mixed with gravel.

Comments: The material corresponds with the material of the natural surface. The feature was described within the original description of Feature 3989.

Interpretation: Probably the material eroded from the natural surface of the western edge of the large pit or from the natural surface from the area west of the large pit that is slightly higher. This indicates, that the large pit was out of use before the burial pits were constructed in the large pit.

Stratigraphic position: above: 3990; below: 3976-2

Location (closest features): east: 9963; south: 4044; west: 4309

On figure(s): 32

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**Feature 9962 fire mark**

Unit: 5 excavated in 2007 Group: St\_04\_dw

Period: archaic; Phase: 2

Description: Feature 9962 was a small fire mark in the western surface of Feature 9963 within a large pit (Feature 3990) and thus located in the northeast of Unit 5. It was of irregular shape. The maximum length was 51 cm from north to south and the maximum width was 43 cm from west to east. The depth is unknown. The material consisted of semi-compact, burned soil of black color, mixed with abundant charcoal.

Comments: The feature was briefly described in the original description of Feature 3989.

Stratigraphic position: above: 9963; below: 3976-2

Location (closest features): north: 9963; east: 9963; south: 9963; west: 9963

On figure(s): 32

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**Feature 9963 use floor**

Unit: 5 excavated in 2007 Group: St\_04\_dw

Period: archaic; Phase: 2

Description: Feature 9963 was a filling layer in a large pit (Feature 3990) and thus located in the northeast of Unit 5. It covered the bottom of the large pit, despite the areas covered with Feature 9961 and 3989 and the areas that were damaged by looter pits (Features 3975, 3993 and 3994/4022) and was thus of irregular shape. The material consisted of semi-compact to loose soil of dark beige-brown color, mixed with abundant gravel, small stones and some charcoal remains. The maximum length was 334 cm from north to south and the maximum width was 282 cm from west to east. The thickness was 4 to 8 cm.

Stratigraphic position: above: 9964; 9965; 9966; 9967; 9968; below: 9962

Location (closest features): east: 4274; south: 4044; west: 9961

On figure(s): 32

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**Feature 9964 pit**

Unit: 5 excavated in 2007 Group: St\_04\_dw

Period: archaic; Phase: 2

Description: Feature 9964 was a pit in the southwest of the bottom of a large pit (Feature 3990) and thus in the northeastern central part of Unit 5. It was of irregular circular shape, with a diameter of 42 cm. The depth and the filling material are unknown.

Comments: The feature was reconstructed from the drawings of Feature 3990, but was not detailed described. Thus no information about the filling material are given.

Stratigraphic position: above: 3990; below: 9963

Location (closest features): north: 9965; east: 3990; south: 3990; west: 3990

On figure(s): 31c; 32

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**Feature 9965 pit**

Unit: 5 excavated in 2007 Group: St\_04\_dw

Period: archaic; Phase: 2

Description: Feature 9965 was a pit in the southwest of the bottom of a large pit (Feature 3990) and thus in the northeastern central part of Unit 5. It was of irregular circular shape, with a diameter of 45 cm. The depth and the filling material are unknown.

Comments: The feature was reconstructed from the drawings of Feature 3990, but was not detailed described. Thus no information about the filling material are given.

Stratigraphic position: above: 3990; below: 3989; 9963

Location (closest features): north: 9962; east: 9966; south: 9964; west: 3990

On figure(s): 31c; 32

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**Feature 9966 pit**

Unit: 5 excavated in 2007 Group: St\_04\_dw

Period: archaic; Phase: 2

Description: Feature 9966 was a pit in the center of the bottom of a large pit (Feature 3990) and thus in the northeast of Unit 5. It was of irregular circular shape, with a diameter of 65 cm. The depth and the filling material are unknown.

Comments: The feature was reconstructed from the drawings of Feature 3990, but was not detailed described. Thus no information about the filling material are given.

Stratigraphic position: above: 3990; below: 9963

Location (closest features): north: 9967; east: 3990; south: 3993; west: 3989

On figure(s): 31c; 32

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**Feature 9967 pit**

Unit: 5 excavated in 2007 Group: St\_04\_dw

Period: archaic; Phase: 2

Description: Feature 9967 was a pit in the eastern center of the bottom of a large pit (Feature 3990) and thus in the

northeast of Unit 5. It was of irregular oval shape, orientated from north to south. It was 32 cm long and 26 cm wide. The depth and the filling material are unknown.

Comments: The feature was reconstructed from the drawings of Feature 3990, but was not detailed described. Thus no information about the filling material are given.

Stratigraphic position: above: 3990; below: 9963

Location (closest features): north: 3990; east: 9968; south: 9966; west: 3990

On figure(s): 31c; 32

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**Feature 9968      pit**

Unit: 5    excavated in 2007    Group: St\_04\_dw

Period: archaic; Phase: 2

Description: Feature 9968 was a pit in the east of the bottom of a large pit (Feature 3990) and thus in the northeast of Unit 5. It was of irregular oval shape, orientated from northwest to southeast. It was 58 cm long and 48 cm wide.

The depth and the filling material are unknown.

Comments: The feature was reconstructed from the drawings of Feature 3990, but was not detailed described. Thus no information about the filling material are given.

Stratigraphic position: above: 3990; below: 9963

Location (closest features): north: 3990; east: 3990; south: 3990; west: 9967

On figure(s): 31c; 32

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**Feature 9969      pit**

Unit: 5    excavated in 2007    Group: St\_04\_bu

Period: archaic; Phase: 3

Description: Feature 9968 was a pit in the northeast of the bottom of a large pit (Feature 3990) and thus in the northeast of Unit 5. It was located on the bottom of a looter pit (Feature 3975). It was of irregular oval shape, orientated from northwest to southeast. It was 57 cm long and 44 cm wide. The depth and the filling material are unknown.

Comments: The feature was reconstructed from the drawings of Feature 3990, but was not detailed described. Thus no information about the filling material are given. It was assigned to the same phase as Feature 3991 (Burial 23), as it was located within the bottom of the same looter pit (Feature 3975).

Stratigraphic position: above: 3990; below: 3975

Location (closest features): north: 3991; south: 3990; west: 3990

On figure(s): 32

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**Feature 9974      pit**

Unit: 13    excavated in 2008    Group: Group\_24

Period: archaic; Phase: 5

Description: Feature 9974 was a small pit in the east of Unit 13. It was of irregular oval shape, orientated from west to east. It was 21 cm long, 17 cm wide and 7 cm deep. The walls were inclined and bottom concave. The filling material consisted of fine soil of middle-brown color, mixed with some charcoal remains.

Comments: The feature was described within the original description of Feature 4057 as pit 8. It was assigned to the phase because of close dated features.

Stratigraphic position: above: NaSuU13; below: 4053

Location (closest features): north: 4062; south: 9977

On figure(s): : Plan 1-4; Plan 5; Plan 6; Plan 7; Plan 8; Plan 9-11

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**Feature 9975      pit**

Unit: 13    excavated in 2008

Period: archaic; Phase: 4

Description: Feature 9975 was a pit in the east of Unit 13. It was of irregular circular shape, with a diameter of 32 cm and a depth of 13 cm. The walls were inclined and the bottom concave. The filling material consisted of loose, fine, dusty soil of light grey-beige color, with few charcoal remains.

Comments: The feature was described within the original description of Feature 4057 as pit 7. It was assigned to the

phase because of close dated features.

Stratigraphic position: above: NaSuU13; below: 4055

Location (closest features): north: 4058; east: 4058; south: 9957; west: 3220

On figure(s): : Plan 1-4; Plan 5; Plan 6; Plan 7; Plan 8; Plan 9-11

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**Feature 9976 pit**

Unit: 13 excavated in 2008

Period: archaic; Phase: 2

Description: Feature 9976 was a pit in the east of Unit 13. It was of irregular circular shape, with a diameter of 23 cm and a depth of 8 cm. The walls were inclined and the bottom concave. The filling material consisted of loose, fine, dusty soil of light grey-beige color, with few charcoal remains.

Comments: The feature was described within the original description of Feature 4057 as pit 6. It was assigned to the phase because of close dated features.

Stratigraphic position: above: NaSuU13; below: 4056-1

Location (closest features): south: 3991; west: 3984

On figure(s): Plan 6-11

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**Feature 9977 pit**

Unit: 13 excavated in 2008 Group: Group\_24

Period: archaic; Phase: 5

Description: Feature 9977 was a pit in the east of Unit 13. It was of irregular oval shape, orientated from northwest to southeast. It was 54 cm long, 44 cm wide and 20 cm deep. The walls were inclined and the bottom concave. The filling material consisted of granular soil of dark brown color, mixed with gravel and few charcoal remains.

Comments: The feature was described within the original description of Feature 4057 as pit 2. It was assigned to the phase because of close dated features.

Stratigraphic position: above: NaSuU13; below: 4053

Location (closest features): north: 9974; east: 4278; south: 9978; west: 9957

On figure(s): : Plan 1-4; Plan 5; Plan 6; Plan 7; Plan 8; Plan 9-11

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**Feature 9978 post hole**

Unit: 13 excavated in 2008 Group: Group\_24

Period: archaic; Phase: 5

Description: Feature 9978 was a post hole in the southeasteast of Unit 13. It was of irregular oval shape, orientated from west to east. It was 36 cm long, 24 cm deep and 20 cm deep. The walls were steep and the bottom relatively plane. The filling material consisted of granular soil of dark brown color, mixed with gravel and few charcoal remains.

Comments: The feature was described within the original description of Feature 4057 as pit 1. It was assigned to the phase because of close dated features.

Interpretation: dated to Phase 5 because of close relation to 4063

Stratigraphic position: above: NaSuU13; below: 4053

Location (closest features): north: 9977; east: 4278; south: 4364; west: 9957

On figure(s): : Plan 1-4; Plan 5; Plan 6; Plan 7; Plan 8; Plan 9-11

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**Feature 9980 post hole**

Unit: 17 excavated in 2009 Group: Group\_27

Period: archaic; Phase: 5

Description: Feature 9980 was a small post hole in the south of Unit 17. It was of irregular oval shape, orientated from west to east. It was 16 cm long, 12 cm wide and 8 cm deep. The walls were steep-sided and the bottom concave. The filling material consisted of semi-compact soil of brown color.

Comments: The feature was briefly described within the original description of the natural surface in Unit 17 as pit 1. The feature was a part of a line of small post holes in the south of Unit 17, orientated from west to east and consisting of Features 9980, 9985, 9984, 9983, 9982.

Stratigraphic position: above: NaSuU17; below: 4256

Location (closest features): north: 4264; east: 9985; south: 4270

On figure(s): : Plan 1-4; Plan 5; Plan 6; Plan 7; Plan 8; Plan 9-11

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**Feature 9982**      **post hole**

Unit: 17 excavated in 2009 Group: Group\_27

Period: archaic; Phase: 5

Description: Feature 9982 was a small post hole in the south of Unit 17. It was of irregular oval shape, orientated from west to east. It was 16 cm long, 14 cm wide and 6 cm deep. The walls were steep-sided and the bottom concave. The filling material consisted of semi-compact soil of brown color.

Comments: The feature was briefly described within the original description of the natural surface in Unit 17 as pit 5. The feature was a part of a line of small post holes in the south of Unit 17, orientated from west to east and consisting of Features 9980, 9985, 9984, 9983, 9982.

Stratigraphic position: above: NaSuU17; below: 4256

Location (closest features): north: 4362D; west: 9983

On figure(s): : Plan 1-4; Plan 5; Plan 6; Plan 7; Plan 8; Plan 9-11

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**Feature 9983**      **post hole**

Unit: 17 excavated in 2009 Group: Group\_27

Period: archaic; Phase: 5

Description: Feature 9982 was a small post hole in the south of Unit 17. It was of irregular circular shape with a diameter of 8 cm and a depth of 6 cm. The walls were steep-sided and the bottom concave. The filling material consisted of semi-compact soil of brown color.

Comments: The feature was briefly described within the original description of the natural surface in Unit 17 as pit 4. The feature was a part of a line of small post holes in the south of Unit 17, orientated from west to east and consisting of Features 9980, 9985, 9984, 9983, 9982.

Stratigraphic position: above: NaSuU17; below: 4256

Location (closest features): north: 4362D; east: 9982; west: 9984

On figure(s): : Plan 1-4; Plan 5; Plan 6; Plan 7; Plan 8; Plan 9-11

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**Feature 9984**      **post hole**

Unit: 17 excavated in 2009 Group: Group\_27

Period: archaic; Phase: 5

Description: Feature 9982 was a post hole in the south of Unit 17. It was of irregular oval shape, orientated from north to south. It was 18 cm long, 13 cm wide and 8 cm deep. The walls were steep-sided and the bottom concave. The filling material consisted of semi-compact soil of brown color.

Comments: The feature was briefly described within the original description of the natural surface in Unit 17 as pit 3. The feature was a part of a line of small post holes in the south of Unit 17, orientated from west to east and consisting of Features 9980, 9985, 9984, 9983, 9982.

Stratigraphic position: above: NaSuU17; below: 4256

Location (closest features): north: 4362D; east: 9983; south: 4270; west: 9985

On figure(s): : Plan 1-4; Plan 5; Plan 6; Plan 7; Plan 8; Plan 9-11

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**Feature 9985**      **post hole**

Unit: 17 excavated in 2009 Group: Group\_27

Period: archaic; Phase: 5

Description: Feature 9982 was a post hole in the south of Unit 17. It was of irregular oval shape, orientated from northeast to southwest. It was 20 cm long, 14 cm wide and 8 cm deep. The walls were steep-sided and the bottom concave. The filling material consisted of semi-compact soil of brown color.

Comments: The feature was briefly described within the original description of the natural surface in Unit 17 as pit 2. The feature was a part of a line of small post holes in the south of Unit 17, orientated from west to east and consisting of Features 9980, 9985, 9984, 9983, 9982.

Stratigraphic position: above: NaSuU17; below: 4256

Location (closest features): north: 4362D; east: 9984; south: 4270; west: 9980

On figure(s): : Plan 1-4; Plan 5; Plan 6; Plan 7; Plan 8; Plan 9-11

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**Feature 9986**      **fire mark**

Unit: 17 excavated in 2009 Group: St\_10\_dw

Period: archaic; Phase: 4

Description: Feature 9986 was a small fire mark in the northern part of the bottom of a large pit (Feature 4263F) and thus located in the northern part of Unit 17. It was of irregular shape. The maximum length was 42 cm from northeast to southwest and the maximum width was 18 cm from the northwest to the southeast. The depth was 2 cm. The material consisted of burned, semi-compact, granular soil of black color, mixed with abundant charcoal.

Comments: The feature was briefly described within the original description of Feature 4263.

Stratigraphic position: above: 9988; 9990; 9991; below: 4263E

Location (closest features): north: 9989; east: 4263F; south: 4263F; west: 4263F

On figure(s): 36e-h

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**Feature 9987**      **pit**

Unit: 17 excavated in 2009 Group: St\_10\_dw

Period: archaic; Phase: 4

Description: Feature 9987 was a pit in the southwest of the bottom of a large pit (Feature 4263F) and thus in the northern central part of Unit 17. It was of regular oval shape, orientated from north to south. It was 44 cm long and 28 cm wide. The depth is unknown.

Comments: The feature was reconstructed from the drawings and briefly described within the original description of Feature 4263F. The filling material was not reported.

Stratigraphic position: above: 4263F; below: 4263E2

Location (closest features): north: 4277; east: 9993; south: 9995; west: 3990

On figure(s): 35e; 36e-h

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**Feature 9988**      **post mark**

Unit: 17 excavated in 2009 Group: St\_10\_dw

Period: archaic; Phase: 4

Description: Feature 9988 was a post mark in the northern central part of the bottom of a large pit (Feature 4264F) and thus in the central northern part of Unit 17. It was irregular oval, orientated from north to south. It was 14 cm long, 9 cm wide and 3 cm deep. The bottom was concave. The filling material was of the material form Feature 4263E2 and thus consisted of dark brown soil, with small remains of charcoal and few small stones.

Comments: The feature was described within the original description of Feature 4263E. It was located within a group of small pits in the northern central part of a large pit (Feature 4263F) that consisted of Features 9988-9989.

Stratigraphic position: above: 4263F; below: 9986

strat. equal to: 9991

Location (closest features): north: 9989; east: 9909; south: 9991; west: 4263F

On figure(s): 35e; 36e-h

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**Feature 9989**      **post mark**

Unit: 17 excavated in 2009 Group: St\_10\_dw

Period: archaic; Phase: 4

Description: Feature 9989 was a pit in the northern central part of the bottom of a large pit (Feature 4264F) and thus in the central northern part of Unit 17. It was irregular oval, orientated from west to east. It was 30 cm long, 20 cm wide and 10 cm deep. The walls were inclined and bottom was concave. The filling material was of the material form Feature 4263E2 and thus consisted of dark brown soil, with small remains of charcoal and few small stones

Comments: The feature was described within the original description of Feature 4263E. It was located within a group of small pits in the northern central part of a large pit (Feature 4263F) that consisted of Features 9988-9989.

Stratigraphic position: above: 4263F; below: 4263E

strat. equal to: 9994

Location (closest features): north: 4263F; east: 4263F; south: 9990; west: 4263F

On figure(s): 35e; 36e-h

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**Feature 9990**      **post hole**

Unit: 17 excavated in 2009 Group: St\_10\_dw

Period: archaic; Phase: 4

Description: Feature 9990 was a pit in the northern central part of the bottom of a large pit (Feature 4264F) and thus in the central northern part of Unit 17. It was irregular circular with a diameter of 18 cm and a depth of 6 cm. The walls were inclined and bottom was concave. The filling material was of the material form Feature 4263E2 and thus consisted of dark brown soil, with small remains of charcoal and few small stones.

Comments: Described within the original description of Feature 4263E. It was located within a group of small pits in the northern central part of a large pit (Feature 4263F) that consisted of Features 9988-9989.

Stratigraphic position: above: 4263F; below: 9986

Location (closest features): north: P19989; east: 4263F; south: 9991; west: 9991

On figure(s): 35e; 36e-h

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**Feature 9991**      **post mark**

Unit: 17 excavated in 2009 Group: St\_10\_dw

Period: archaic; Phase: 4

Description: Feature 9991 was a post mark in the northern central part of the bottom of a large pit (Feature 4264F) and thus in the central northern part of Unit 17. It was irregular oval, orientated from north to south. It was 17 cm long, 12 cm wide and 4 cm deep. The bottom was concave. The filling material was of the material form Feature 4263E2 and thus consisted of dark brown soil, with small remains of charcoal and few small stones.

Comments: Described within the original description of Feature 4263E. It was located within a group of small pits in the northern central part of a large pit (Feature 4263F) that consisted of Features 9988-9989.

Stratigraphic position: above: 4263F; below: 9986

strat. equal to: 9988

Location (closest features): north: 9988; east: 9990; south: 9993; west: 4263F

On figure(s): 35e; 36e-h

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**Feature 9992**      **post mark**

Unit: 17 excavated in 2009 Group: St\_10\_dw

Period: archaic; Phase: 4

Description: Feature 9992 was a small post mark in the southern central part of the bottom of a large pit (Feature 4263F) and thus in the central part of Unit 17. It was of irregular circular shape with a diameter of 14 cm and a depth of 3 cm. The bottom was concave. The filling material was of the material form Feature 4263E and thus consisted of dark brown soil, with small remains of charcoal and few small stones, mixed with abundant fine plant remains.

Comments: Described within the original description of Feature 4263E. It was located within a group of small pits in the southern central part of a large pit (Feature 4263F) that consisted of Features 9992 and 9993.

Stratigraphic position: above: 4263F; below: 4263E

Location (closest features): north: 9993; east: 4285; south: 4263F; west: 9987

On figure(s): 35e; 36e-h

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**Feature 9993**      **post mark**

Unit: 17 excavated in 2009 Group: St\_10\_dw

Period: archaic; Phase: 4

Description: Feature 9993 was a small post mark in the southern central part of the bottom of a large pit (Feature 4263F) and thus in the central part of Unit 17. It was of irregular circular shape with a diameter of 12 cm and a depth of 2 cm. The bottom was concave. The filling material was of the material form Feature 4263E and thus consisted of dark brown soil, with small remains of charcoal and few small stones, mixed with abundant fine plant remains.

Comments: The feature was described within the original description of Feature 4263E. It was located within a group of small pits in the southern central part of a large pit (Feature 4263F) that consisted of Features 9992 and 9993.

Stratigraphic position: above: 4263F; below: 4263E

Location (closest features): north: 9991; east: 4285; south: 9992; west: 9987

On figure(s): 35e; 36e-h

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**Feature 9994 pit**

Unit: 17 excavated in 2009 Group: St\_10\_dw

Period: archaic; Phase: 4

Description: Feature 9994 was a pit in the northern central part of the bottom of a large pit (Feature 4263F) and thus in the central northern part of Unit 17. It was of irregular oval shape, orientated from north to south. It was 36 cm long and 19 cm wide. The depth is unknown. The filling material was of the material form Feature 4263E and thus consisted of dark brown soil, with small remains of charcoal and few small stones, mixed with abundant fine plant remains.

Comments: Described within the original description of Feature 4263E.

Stratigraphic position: above: 4263F; below: 4263E

strat. equal to: 9989

Location (closest features): north: 4263F; east: 4263F; south: 4263F; west: 9991

On figure(s): 35e; 36e-h

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**Feature 9995 pit**

Unit: 17 excavated in 2009 Group: St\_10\_dw

Period: archaic; Phase: 4

Description: Feature 9995 was a pit in the southwestern part of the bottom of a large pit (Feature 4263F) and thus in the central part of Unit 17. It was of irregular oval shape, orientated from north to south. It was 24 cm long and 17 cm wide. The depth is unknown. The filling material was of the material form Feature 4263E2 and thus consisted of dark brown soil, with small remains of charcoal and few small stones, mixed with abundant fine plant remains.

Comments: The feature was described within the original description of Feature 4263E.

Stratigraphic position: above: 4263F; below: 4263E2

Location (closest features): north: 9987; east: 4285; south: 4263F; west: 4263F

On figure(s): 35e; 36e-h

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**Feature 9996 post mark**

Unit: 17 excavated in 2009 Group: St\_11\_dw

Period: archaic; Phase: 3

Description: Feature 9996 was a small post mark in the center of a filling layer (Feature 4314) in a large pit (Feature 4316) and thus in the central west of Unit 17. It was circular with a diameter of 10 cm and a depth of 4 cm. The bottom was concave. It was filled with material from another filling layer (Feature 4279D), that was compact soil of dark grey color, mixed with abundant small stones.

Comments: The feature was briefly described within the original description of Feature 4279D.

Stratigraphic position: above: 4314; below: 4279D

Location (closest features): north: 4279D; east: 4280; south: 4283; west: 4279D

On figure(s): 37a-c; 38a-b

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**Feature 9999 pit**

Unit: 17 and partly: 5 excavated in 2009 Group: St\_11\_dw

Period: archaic; Phase: 3

Description: Feature 9999 was a pit in the southwest of the bottom of a large pit (Feature 4316) and thus in the central west of Unit 17, reaching partly into Unit 5. It was irregular circular with a diameter of 26 cm. The depth is unknown.

Comments: The feature was briefly mentioned in the documentation of Feature 4316, but no informations about the filling material were given.

Stratigraphic position: above: 4316; below: 4314

Location (closest features): north: 4319; east: 4317; south: 4316; west: 4316

On figure(s): 37a-c; 38a-b

.....  
**Feature NaSuA natural surface**

Unit: AQ46 excavated in 2009

Period: natural; Phase: natural

Description: Feature NaSUAQ46 refers to the natural surface in Unit AQ46. In Unit AQ46 it was exposed within a central irregular shaped band and in the southeastern part of the trench. In general it was relatively plane in the western part but in the eastern part slightly inclined towards the east. The material is the natural surface consisting of very compact yellow-greyish material.

Stratigraphic position: below: 9902; 9915; forms one with: NaSuU13; NaSuU16; NaSuU17

.....  
**Feature NaSuU13 natural surface**

Unit: 13 excavated in 2008

Period: natural; Phase: natural

Description: Feature NaSuU13 refers to the natural surface in Unit 13. It was originally described within several features due to different excavation campaigns. In the western part it was slightly inclined towards the east with a steeper inclination towards the east in the eastern part. In the northeast the edge of a quebrada (dry river bed) was located that cut into the natural surface and destroyed parts of the features (dwelling 6). The natural surface was very compact and of yellow-greyish color.

Stratigraphic position: below: 3220; 3222; 3984; 4056-1; 4057-3; 4062; ; forms one with: NaSuAQ46; NaSuU16; NaSuU17

.....  
**Feature NaSuU16 natural surface**

Unit: 16 excavated in 2005

Period: natural; Phase: natural

Description: Feature NaSuU16 refers to the natural surface in Unit 16. It was inclined towards the south. The surface was very compact and of yellow-greyish color.

Stratigraphic position: forms one with: NaSuAQ46; NaSuU13; NaSuU17

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**Feature NaSuU17 natural surface**

Unit: 17 excavated in 2009

Period: natural; Phase: natural

Description: Feature NaSuU17 refers to the natural surface in Unit 17. It was relatively steeply inclined towards the east. In the extreme east it was stepped towards the east. In the eastern part a relatively flat zone without any features was located. This flat zone corresponds to the

Location of the modern irrigation channel. In the northern part it was cut by a quebrada (dry river bed). The surface was very compact and of grey-yellowish color.

Stratigraphic position: below: 4261; 4262; 4263F; 4264; 4269; 4270; ; forms one with: NaSuAQ46; NaSuU13; NaSuU16

.....  
**Feature NaSuU18 natural surface**

Unit: 18 excavated in 2009

Period: natural; Phase: natural

Description: Feature NaSuU18 refers to the natural surface in Unit 18. It was relatively steeply inclined towards the south. In the extreme south it was stepped towards the south. In the southern part a flat zone was located. This zone corresponds with the modern irrigation channel. The surface was very compact and of grey-yellowish color.

Stratigraphic position: below: 4444; 4452; 9701; 9703; 9704; 9705; 9706; ; forms one with: NaSuAQ46; NaSuU13; NaSuU16

.....  
**Feature NaSuU5 natural surface**

Unit: 5 excavated in 2008

Period: natural; Phase: natural

Description: Feature NaSuU5 refers to the natural surface in Unit 5. It was originally documented within several feature numbers due to different excavation campaigns. In the western part it was very slightly inclined towards the east and nearly plane. From the central part towards the east the inclination is stronger. In the eastern part it is relatively strong. The surface was very compact and of grey-yellowish color.

Stratigraphic position: below: 3231; 3990; 4075; 4076; 4086-2; 4087; 4090;; forms one with: NaSuAQ46; NaSuU13; NaSuU16

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**Feature NaSuU6 natural surface**

Unit: 6 excavated in 2009

Period: natural; Phase: natural

Description: Feature NaSuU6 refers to the natural surface in the northeast of Unit 6. In the western part it was relatively plane but stepped towards the south and east. In the eastern part it was inclined to the east and in the southern part as well slightly to the south. The surface was very compact and of grey-yellowish color.

Stratigraphic position: below: 4436; 4437-2; 4440; 4475; 4476; 4477; 4485;; forms one with: NaSuAQ46; NaSuU13; NaSuU16

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**Feature NaSuU9 natural surface**

Unit: 9 excavated in 2009

Period: natural; Phase: natural

Description: Feature NaSuU9 refers to the natural surface in Unit 9. In the northern part it was relatively plane. From the central part on it was slightly inclined towards the south. The surface was very compact and of grey-yellowish color.

Stratigraphic position: below: 3141; 3155; 4462a; 4472; 9705; 9758; 9759; ; forms one with: NaSuAQ46; NaSuU13; NaSuU16