

ARC WHS 98

CONTEXT NUMBER

6131

Spit 1

LOWER LIMB:

Tibia: 1 shaft fragment.

AGE: Subadult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: Iron fragments (< 1 g)

CREMATION SUMMARY: 5 fragments of spongy bone are black. Tibia shaft fragment is white and dark grey.

COMMENTS: Fragments are chalky and moderately abraded. The residue contained few unidentifiable bone fragments from the 2 mm fraction.

ARC WHS 98

CONTEXT NUMBER

6131

Spit 2

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: 4 fragments of deer antler (3 g), Iron fragments (<1 g)

CREMATION SUMMARY: Spongy bone fragments, black.

COMMENTS: Fragments are chalky and moderately abraded. The residue contained few unidentifiable bone fragments from the 2 mm fraction.

ARC WHS 98

CONTEXT NUMBER

6131

Spit 3

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: Thin iron fragments (<1 g)

CREMATION SUMMARY: Spongy bone fragments are black.

COMMENTS: Fragments are chalky and moderately abraded. The residue contained few unidentifiable bone fragments from the 2 mm fraction.

ARC WHS 98

CONTEXT NUMBER

6131

Spit 4

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: Iron fragments and a shiny metal fragment (Gold or silver?)

CREMATION SUMMARY: 1 spongy bone fragment is black

ARC WHS 98

CONTEXT NUMBER

2416

UPPER LIMB:

Hand: 1 distal phalanx

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY:

Colour: Black; 1 distal hand phalanx.

1 burnt flint fragment (<1 g)

Unburnt bone

Disarticulated remains

Context Number: **8020**

Bone: Left Femur

Completeness of the bone: 100%

Preservation: Good but excavational fragmentation at either ends of the shaft. The cortical surface has minimal root furrows on the surface.

Age: Adult

Sex: Male

Stature: 177 cm

Metrical data:

Femur head diameter: 49.12 mm (Male)

Femur bicondylar width: 85.22 mm (Male)

Femur length: 480 mm

Femur midshaft circumference: 90 mm

Femur A-P subtrochanteric diameter: Damaged, measurement not available

Femur M-L subtrochanteric diameter: Damaged, measurement not available

Femur midshaft M-L diameter: 29.12 mm

Femur midshaft A-P diameter: 30.08 mm

Platymetric index: Not available

Robusticity index: 69.46 (Eurysnemic)

Non-metric traits present:

Allen's fossa

Third trochanter

Exostosis in trochanteric fossa

Pathology present: None

Comments: The condyles fit perfectly onto the tibial condyle of 8016. These bones are therefore likely to be from the same individual.

Context number: **8029**

Bone: Right tibia

Completeness of the bone: 97%

Preservation: Good but excavational damage to the proximal end of the bone. The bone has moderate root furrows on the cortical surface.

Sex: Male? (based on size)

Stature: Unknown

Metrical data:

Midshaft circumference:

A-P diameter at the nutrient foramen: 36.32 mm

M-L diameter at the nutrient foramen: 27.02 mm

Platycnemic index: 74.39 (Eurysnemic)

Non-metric traits present:

Medial tibial squatting facet

Lateral tibial squatting facet

Pathology: None

Comments: The distal end morphology and size is exactly as the distal end of tibia 8016. These bones are likely to be from the same individual.

Context number: **8016**

Bone: Left tibia

Completeness of the bone: 99%

Preservation: Good but excavational damage to the proximal end of the bone as well as a break at midshaft. The bone has moderate root furrows on the cortical surface.

Sex: Male? (based on size)

Stature: Unknown

Bone: Right fibula shaft
Completeness of the bone:75%
Preservation: Fair, root impressions present
Sex: Unknown
Age: Adult

Context number: **2114**
Bone: Left distal fibula shaft fragment
Completeness of the bone:10%
Preservation: Fair, root impressions present
Sex: Unknown
Age: Adult

Context number: **2187**
Bone: Left zygomatic bone, 5 parietal bone fragments, 1 temporal bone fragment
Completeness of the bone: 5%
Preservation: Good, root impressions present
Sex: Unknown
Age: Immature
Comments: Same individual as skeleton 2291

Context number: **2113**
Bone: Right parietal fragments
Completeness of the bone:10%
Preservation: Fair, root impressions present
Sex: Unknown
Age: Immature

Context number: **6126**
Bone: Right medial end of the clavicle
Completeness of the bone:75%
Preservation: Fair, root impressions present
Sex: Male?
Age: Old Adult

Context number: **6126**
Bone: Right shaft and proximal end of tibia
Completeness of the bone:75%
Preservation: Fair, root impressions present
Sex: Unknown
Age: Adult

Context number: **4005**
Bone: Foot phalanx
Completeness of the bone:100%
Preservation: Good
Sex: Unknown
Age: Younger than 15

Context number: **6127**
Bone: Cranial vault
Completeness of the bone:50%
Preservation: Fair, root impressions present
Sex: Unknown
Age: Adult

ARC PIL 98

CONTEXT NUMBER

143

SKULL:

Mandible: 1 body fragment

Maxilla: 1 body fragment, alveolar margin with tooth socket for a molar.

Teeth: Right 1st maxillary molar, 4 molar root fragments, 1 incisor root.

2 parietal bone fragments, 1 occipital bone fragment.

44 cranial vault fragments.

AXIAL SKELETON:

Atlas: Dens facet.

UPPER LIMB:

Humerus: 3 shaft fragments.

Radius: 1 right shaft fragment with nutrient foramen.

Hands: 1 distal phalanx, 2 intermediate phalanx shafts, 1 metacarpal shaft fragment.

LOWER LIMB:

Femur: 15 shaft fragments, 1 postero-distal shaft fragment.

Tibia: 4 anterior border fragment.

Fibula: 3 shaft fragments.

Foot: 1 metatarsal shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY:

PYRE GOODS: 7 bone pin fragments

CREMATION SUMMARY: 12 anterior femoral shaft fragments are black, 3 anterior femoral shaft fragments are steel grey. 2 burnt flint fragments (1 g).

COMMENTS: All of the 2 mm fraction was retained within the residue.

ARC PIL 98

CONTEXT NUMBER

453

UPPER LIMB:

Humerus: Left distal joint surface.

Ulna: 1 shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC PIL 98

CONTEXT NUMBER

552/553

SKULL:

Right petrous portion, 2 occipital bone fragments.

4 cranial vault fragments.

AXIAL SKELETON:

Innominate: 1 acetabulum fragment.

UPPER LIMB:

Humerus: 1 head fragment, 2 proximal shaft fragments, 2 antero-distal shaft fragments, 3 shaft fragments, 1 trochlea fragment.

Ulna: 3 shaft fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a small amount of unidentifiable bone fragments from the 2 mm fraction.

ARC PIL 98

CONTEXT NUMBER

553

SKULL:

Teeth: 1 crown fragment

2 cranial vault fragments.

AXIAL SKELETON:

Thoracic: 1 superior articular process fragment.

1 pedicle

LOWER LIMB:

Femur: 1 shaft fragment with linea aspera.

Fibula: 1 shaft fragment

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC PIL 98

CONTEXT NUMBER

544/545

SKULL:

7 cranial vault fragments.

AXIAL SKELETON:

Thoracic: 1 right superior articular process

UPPER LIMB:

Scapula: Left coronoid process.

Humerus: 6 shaft fragments.

Radius: 2 shaft fragments.

LOWER LIMB:

Femur: 5 shaft fragments with linea aspera, 5 shaft fragments.

Tibia: 3 shaft fragments with anterior border.

Fibula: 2 shaft fragments.

Foot: 1 proximal phalanx shaft

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a small amount of unidentified bone fragments from the 2 mm fraction.

ARC PIL 98

CONTEXT NUMBER

565/566

SKULL:

Mandible: 1 body fragment.

3 cranial vault fragments.

LOWER LIMB:

Femur: 1 shaft fragment, 1 condyle fragment.

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: 1 animal tooth (unburnt)

CREMATION SUMMARY: 5 flint chips (2 g)

COMMENTS: The residue contained a small amount of unidentifiable bone fragments from the 2 mm fraction. 10 unburnt child teeth and 6 bone fragments were also present.

ARC PIL 98**CONTEXT NUMBER****854****SKULL:**

Mandible: 2 body fragment with partial molar sockets, right anterior margin of the ramus. left body fragment with posterior part of the external oblique line and partial 3rd molar socket, left coronoid fragment, right posterior border of ramus fragment, 1 left condyle fragment, 1 condyle fragment, 1 ramus fragment.

Maxilla: Right alveolar process and anterior part of the sinus, with partial molar sockets, 1 palatine and alveolar process and a single root socket, infra-orbital margin fragment, 1 body fragment.

Teeth: 4 mandibular molar root fragments, 6 incisor roots, 1 canine root, 1 premolar root, 6 single roots, 3 molar root fragment, 5 root fragments.

Left petrous portion, 1 occipital bone fragment (Sex: Male?), 5 parietal fragments, 1 occipital condyle fragment, 1 right frontal fragment with supra-orbital ridge and superior orbital margin (Sex: Male), right frontal process of the zygomatic bone, 4 frontal bone fragments with superior orbital margin (Sex: Male), 1 right frontal bone fragment with temporal line and zygomatic process (Sex: Male), left frontal process of the zygomatic bone, 2 temporal bone fragments, squamous part, left temporal bone fragment with the superior margin of the external acoustic meatus, left frontal bone fragment with temporal line and superior orbital margin, left inferior margin of the zygomatic bone, right temporal bone fragment with partial mastoid and superior margin of the external acoustic meatus, right anterior part of the zygomatic arch, 1 zygomatic bone fragment, 1 frontal bone fragment, left zygomatic bone fragment, right posterior part of the zygomatic arch, 1 zygomatic arch fragment, left posterior part of the zygomatic arch.

153 cranial vault fragments.

AXIAL SKELETON:

Scapula: Coracoid process, 1 spine fragment, 3 anterior border fragments.

Clavicle: 1 shaft fragment 1 left lateral shaft fragment.

Innominate: 1 fragment, 3 iliac crest fragments, 4 blade fragments, 2 acetabulum fragments.

Rib: 76 body fragment.

Axis: Dens and right articular surface fragment, left superior articular surface and inferior body fragment.

Cervical: 1 right inferior articular process and spinous process fragment, 1 left inferior articular process fragment, 1 right inferior articular process fragment, 1 right inferior articular process, 1 body fragment, 1 superior articular process.

Thoracic: 2 spinous process, 7 left inferior articular processes, 6 right inferior articular processes, 2 left superior articular process, 1 spinous process fragment, 1 transverse process fragment..

4 vertebral body fragments, 1 right inferior articular process fragment, 1 superior articular process, 2 articular processes, 1 lamina fragment, 2 pedicles, 1 inferior articular process.

UPPER LIMB:

Humerus: 1 head fragment, 2 midshaft fragments, 1 shaft fragment with deltoid tuberosity, 1 posterior-distal shaft fragment, 4 shaft fragments, 1 left distal shaft fragment,

Ulna: 8 shaft fragments.

Radius: 6 shaft fragments, 1 head fragment.

Hands: 1 distal end of 1st metacarpal fragment, 1 right lunate, 1 metacarpal shaft fragment, 1 metacarpal head fragment, 3 distal phalanges, 2 proximal ends of distal phalanges, 4 distal ends of phalanges, 2 proximal ends of phalanges, 1 phalanx shaft fragment, 1 distal end of a distal phalanx. 1 intermediate phalanx.

LOWER LIMB:

Patella: 1 superio-anterior fragment.

Femur: 20 shaft fragments, 4 condyle fragments, 2 right posterior-distal shaft fragments, 1 posterior-proximal shaft fragment, 11 shaft fragments with linea aspera

Tibia: Left tibial tuberosity, 1 superio-posterior shaft fragment, left shaft fragment with nutrient foramen, 1 lateral surface fragment, 5 posterior shaft fragments, 1 posterior-proximal shaft fragment with partial soleus line, 1 condyle fragment, 13 fragment with anterior border, 1 anterior border fragment.

Fibula: 13 shaft fragments.

Foot: 1 head of 1st metatarsal fragment, 1 5th metatarsal shaft fragment, 2 metatarsal shaft fragments, 3 metatarsal head fragment, 3 distal ends of proximal phalanges, 3 proximal shaft phalanges..

AGE: Adult

SEX: Male

PATHOLOGY SUMMARY: None

PYRE GOODS: Animal bone (15 g), 1 unburnt animal tooth fragment.

CREMATION SUMMARY:

Colour:

Black colour: 4 rib fragment, 1 femoral shaft fragment (anterior surface), 1 shaft fragment with linea aspera, left tibial tuberosity, 2 tibial anterior border fragments, 1 single tooth root, 1 right thoracic inferior articular process, 1 left thoracic superior articular process, 1 right superior articular process, 5th metatarsal shaft fragment

Mid-grey colour: Humeral head fragment, right zygomatic arch, posterior part..

White with black core: 5 femoral shaft fragments, 2 right postero-distal femoral shaft fragments, 1 left tibial shaft fragment with nutrient foramen, 1 tibial shaft fragment, lateral surface, 5 tibial anterior border fragments, 1 cranial fragment.

Burnt flint: 42 fragments of burnt flint (20 g).

COMMENTS: The large amount of residue (2846 g) contained a moderate amount of bone from the 2 mm fraction.

Context numbered 853/854 has been put together with 854 since this is the same individual.

ARC PIL 98

CONTEXT NUMBER

871

SKULL:

Teeth: 3 molar root fragments, 1 single tooth root, 2 crown fragments.

Left petrous portion, frontal bone fragment.

24 cranial vault fragments.

AXIAL SKELETON:

Rib: 4 body fragments.

Thoracic: 1 right inferior articular process.

1 pedicle.

UPPER LIMB:

Humerus: 4 shaft fragments.

Ulna: 3 shaft fragments.

Radius: Head fragment, 1 shaft fragment.

Hands: 3 distal ends of intermediate phalanges, 1 distal end of a proximal phalanx, 2 carpal fragments.

LOWER LIMB:

Femur: 2 postero-proximal shaft fragment, 1 postero-distal shaft fragment, 2 shaft fragments.

Tibia: 3 anterior border fragment, 1 shaft fragment with anterior border.

Fibula: 1 shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: New bone formation on the visceral surface of 2 rib fragments, non-specific infection. Lesions are healed.

PYRE GOODS: None

CREMATION SUMMARY:

Colour: Black core: 1 femur shaft fragment.

6 burnt flint fragments (2 g)

COMMENTS: The residue contained a moderate amount of unidentifiable bone fragments from the 2 mm fraction.

ARC PIL 98

CONTEXT NUMBER

949

SKULL:

Teeth: 3 single tooth roots, 1 crown fragment.

1 right frontal bone fragment with superior orbital margin, zygomatic process and temporal line (Sex: Female?), 1 fragment of the superior margin of the external acoustic meatus.

19 cranial vault fragments.

AXIAL SKELETON:

Innominate:

Rib: 1 body fragment.

Thoracic: 1 left superior articular process.

UPPER LIMB:

Humerus: 1 antero-distal shaft fragment, 1 shaft fragment.

Ulna: 1 shaft fragment.

LOWER LIMB:

Tibia: 1 posterior shaft fragment.

Fibula: 2 shaft fragments.

AGE: Adult

SEX: Female??

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a small amount of unidentifiable bone fragments from the 2 mm fraction.

ARC PIL 98

CONTEXT NUMBER

927

SKULL:

Teeth: 1 canine root fragment, 2 crown fragments.

3 cranial vault fragments.

LOWER LIMB:

Femur: 1 shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY:

Colour:

White with black core: 1 femoral shaft fragment, canine tooth root.

COMMENTS: The residue contained a small amount of unidentifiable bone fragments from the 2 mm fraction.

ARC PIL 98

Context Number	Max. frag. size	Weight	Identifiable fragments	Colour	MNI	Age	Sex	Grave/pyre goods	Comments
144	21.42 mm	7 g	1 temporal bone fragment, 1 cranial vault fragment.	White	1	Adult?	?	2 fragments of unburnt animal tooth	
152	7.9 mm	> 1 g	None	White	1	?	?		1 bone fragment
569	14.22 mm	< 1 g	None	White	1	?	?	None	3 small bone fragments, also contained unburnt teeth.
820	15.40 mm	< 1 g	2 cranial vault fragments	White	1	?	?	None	6 small bone fragments
853	-	1095 g							Residue containing very few tiny bone fragments.
873	7.22 mm	< 1 g	None	White	1	?	?	None	2 unidentified spongy bone fragments
873	-	149 g							Residue containing very few unidentifiable bone fragments.
912/914	24.12 mm	1 g	None	Bluewhite	1	?	?	None	2 unidentifiable longbone fragments.
912/914	-	869 g							Residue containing very few unidentifiable bone fragments,
926	13.32 mm	1 g	1 cranial vault fragment	White and black	1	?	?	None	19 bone fragments
950	15.92 mm	4 g	1 maxillary 1st premolar root, 3 cranial fragments.	White	1	Adult	?	None	
950	-	464 g	-	-	-	-	-	-	Residue containing very few unidentifiable bone fragments.
955	20.62	< 1 g	None	Brown	1	?	?	None	1 long bone fragment

Skeleton number 565/566

Completeness: Poor, teeth only

Preservation: Poor

Age: 2-3 years (based on eruption pattern (Moorees *et al.* and Ubelaker)

Dental inventory:

e	c	b		c	d	e	
e	d		a	b	c	d	e
							6
							U

Comments: Unburnt teeth and 6 cranial fragments from a cremated bone deposit.