CTRL Stage I: ARC Stone Farm Bridleway (SFB) and Saltwood Tunnel (SLT)
Human Bone Archive Report

I. ARC SFB99 (+ one SFB01)

1.1 Unburnt Bone

See Skeleton Record Sheets for skeletal elements available in analysis and dental record sheets for tooth wear & lesion location. Inventories of spinal and extra-spinal joints, dental inventory, metric record & none-metric traits are recorded in the database. In the following text sexual dimorphic scores are in accordance with Buikstra and Ubelaker 1994, and condition score follow McKinley in press.

context 1055
From grave 1056. Burial made supine & extended. Skull & right leg lifted on site.
SKULL: Medium-large rounded mastoid process (3-4). Mild-moderate external occipital protuberance (3).
See prior to excavation when more survive – lambdoid suture obliterated.
LOWER LIMB: Robust long bones.
AGE: adult >20 yr.
SEX: *??male
CONDITION: Very light, eroded bone (4-5), some root marking.

context 1075
From grave 1071. Basal fill of grave, nothing recovered from ‘skeleton’ number 1077. Position of bone recovered from this number unknown so cannot assist with orientation/position. Small size of grave suggestive of immature individual & supported by skeletal remains.
SKULL: Few intact tooth crowns others heavily shattered. No polish evident to any of the crowns.
AGE: infant c. 3 yr.

context 1076
?Redeposited within upper fill grave 1074, alternatively may be remnants of second burial made within grave. Former seems more likely, but since this cut lays c. 5m from any other it suggests that the in situ burial (1146) disturbed an earlier one.
SKULL: Small, slightly pointed mastoid process. Very slight external occipital protuberance (2).
Sagittal & right side of lambdoid almost fully fused, left side lambdoid fused & almost obliterated.
AGE: adult >45 yr.
SEX: *??female
CONDITION: Heavily eroded (4-5)
context 1119
  From base of grave 1118; probably represents remains of *in situ* burial.
  SKULL: Single tooth crown, no apparent polish.
  AGE: infant/juvenile c. 3-8 yr.
  SEX: ?
  CONDITION: 5

context 1123
  From base of grave 1122; probably represents remains of *in situ* burial.
  SKULL: 2 complete tooth crowns, 4 partial & few shattered fragments. Very slight
  polish to cusps of deciduous molar, permanent apparently unworn.
  AGE: Infant/juvenile c. 4-6 yr.
  SEX: ?
  CONDITION: 5

context 1125
  From base of grave 1124; probably represents remains of *in situ* burial.
  SKULL: One crown and shattered fragments minimum 2 others, all with occlusal
  wear; molar fragment flat wear. Mild-moderate calculus.
  AGE: adult c. 25-45 yr.
  SEX: ??male
  PATHOLOGY SUMMARY: calculus
  CONDITION: 5
  INCLUSIONS: Fragment Fe, ?nail.

context 1146
  Remains of *in situ* burial in grave 1074. Skull only remained.
  SKULL: Small-moderate external occipital protuberance (2-3), 1b = 18.0mm. All
  sutures fully fused & obliterated ... very faint impressions of parts of sagittal &
  lambdoid just evident. Mild occipital bunning. Pac. pitting in frontal & along
  margins of lambdoid suture, inc. nos. max. c. 14mm diameter, almost full diploe
  deep.
  AGE: adult >50 yr.
  SEX: ?
  PATHOLOGY SUMMARY: calculus; sutural bone -asterion
  CONDITION: Heavily eroded exocranial surface (5), endocranial (1-2).

context 1147
  Layer immediately above 1146 in grave 1074. i.e. =
  No sheets
  SKULL: Single, very small fragment vault.
  CONDITION: 4

context 1293
SKULL: Shattered fragments maxillary incisor crown from amongst lower limb. Moderate calculus deposits.

Mastoid incomplete but appears large & rounded. Occipital too poorly persevered to be certain but minimum (2).

AXIAL SKELETON: Innominate: greater sciatic notches incomplete but tending obtuse (2-3).

LIMB: Few heavily degraded fragments long bone – cannot identify (according to site context should be left & right femurs).

AGE: adult c. 30 – 45 yr.

SEX: *??female

PATHOLOGY SUMMARY: calculus

CONDITION: heavily eroded surface (4-5), endocranial vault less (2).

context 1322
Fill grave 1321, around ‘feet’ of 1328.

SKULL: Shattered fragments tooth enamel, unclear which but minimum occlusal polish. Mild calculus.

AGE: adult c. 18 –35 yr.

SEX: ?

PATHOLOGY SUMMARY: calculus

CONDITION: crowns only.

context 1324
Basal layer of grave fill, bone = 1332.

SKULL: 3 tooth crowns recorded with 1332.

context 1328
Remains of burial in grave 1321. Teeth only.

SKULL: Two strong lines hypoplasia within 2mm neck mandibular left P1. Mild-moderate calculus suggested by ‘tide-lines’.

AGE: adult c. 20-30 yr.

SEX: ??male

PATHOLOGY SUMMARY: calculus; hypoplasia; morphological variation – large 5-cusp mandibular M3.

context 1329
Burial from grave 1319. Parts, predominately from right side?.

SKULL: Large teeth. Mild-moderate calculus deposits.

Mandible – slight periodontal disease (resorption of alveolus).

LIMB: Few heavily degraded fragments of long bone shaft, one probably femur given thickness.

AGE: adult c. 25-35 yr.

SEX: ??male

PATHOLOGY SUMMARY: caries; calculus; periodontal disease; morphological variation – ‘pegged’ maxillary M3

CONDITION: Highly degraded/eroded (4-5).
context 1332
+ 3 crowns collected in lower grave sample as 1324. Inhumation burial in grave 1323. Teeth only recovered.
SKULL: Small tooth crowns. Eruption status unclear for permanent teeth, only M1s have some evidence of occlusal wear & root presence. Fragments deciduous molar crowns inc., one maxillary m2.
AGE: juvenile c. 9-11yr.
SEX: ?
PATHOLOGY SUMMARY: hypoplasia

context 1345
Inhumation burial in grave 1112, teeth only.
SKULL: Crowns only; eruption status unclear, only very slight polish evident on one permanent molar crown. Shattered tooth enamel fragments ?include fragment maxillary deciduous molar, some wear to cusps.
AGE: juvenile c. 6-8 yr.
SEX: ??male
CONDITION: Dark brown staining to maxillary molars

context 1356
Remains of E/MIA inhumation burial in grave 1305. Tooth crowns only.
No sheets or database entry.
SKULL: Few heavily shattered fragments of tooth enamel, too small to identify to tooth but looks like permanent teeth & with some occlusal wear.
AGE: subadult/adult >13 yr.
SEX: ?

context 1391
Burial in grave 1392, ?some disturbance. Skull only.
SKULL: Mandible – only socket apices survival, alveolus lost. Very light wear.
AGE: adult c. 18-25 yr.
SEX: ??male
PATHOLOGY SUMMARY: calculus; hypoplasia; morphological variation – mandibular M3 small 5-cusp
CONDITION: Eroded exocranial vault (4-5), less so endocranial (2).

context 1445
E/MIA ?burial within ?grave 1421. This lays towards the ‘centre’ of the feature & c. 0.20m from 1446 ... probably disturbed?redeposited. See 1446
No sheets or database log.
SKULL: 6 fragments thick (1a = 9.4mm) parietal vault – superior posterior.
Numerous small scraps heavily degraded vault.
AGE: adult
SEX: ?
CONDITION: 6 fragments (0-1), scraps (4-5).

**context 1446**

- **E/MLA**: Within a grave 1421, probably = 1445. Situated more towards one end (N) of the feature.
- Skeleton sheet only.
- **SKULL**: Size & shape of mastoid indistinct.
- **AGE**: adult >18 yr.
- **SEX**: ?
- **CONDITION**: Heavily degraded (5).

**context 1514**
Remains of burial within grave 1453; no bone recorded in excavation.
- **AGE**: adult c. 25-35 yr.
- **SEX**: ?
- **PATHOLOGY SUMMARY**: calculus; hypoplasia; morphological variation – mandibular M3 small 5-cusp
- **CONDITION**: Mostly crowns only. Green cu-alloy staining on right mandibular teeth.
- **GRAVE GOODS**: Fragments of amber bead recovered from sample 73 from grave fill.

**context 1516**
Remains of burial within grave 1462.
- **SKULL**: Fragments shattered tooth enamel mostly deciduous – some certainly is with dentine exposed on cusps visible.
- Eruption status of permanent teeth unclear since crowns only survive & wear only conclusively evident in 1st molars.
- **AGE**: juvenile c. 8-12 yr.
- **SEX**: ??male
- **PATHOLOGY SUMMARY**: morphological variation – mandibular M1 both have small, labial accessory cusps
- **CONDITION**: Crowns only.
- **COMMENT**: Inc. deciduous crown frag. recorded under lower fill number 1515.

**context 1575**
Remains inhumation burial in grave 1491.
- **SKULL**: Maxilla & mandible – mild-moderate calculus. Slight periodontal disease, up to 3mm resorption.
- **AGE**: adult c. 25-35 yr.
- **SEX**: *male (NB: small teeth, consistently low range)
- **PATHOLOGY SUMMARY**: periodontal disease; calculus; hypoplasia;
morphological variation – mandibular M3 6-cusps, mandibular right M2 5-cusp
CONDITION: Exocranial (3-5), endocranial (2-3).

code 1736

Burial within grave 1732 – erroneously sampled under fill number 1735.
SKULL: Very light occlusal wear, no exposed dentine.
AGE: adult c. 18-25 yr.
SEX: ?
PATHOLOGY SUMMARY: calculus; morphological variation – mandibular M3 5-cusp
CONDITION: Crowns only. Slightly worn appearance (1).

code 1738/9

From grave 1737. Teeth only. Some also from 1738 i.e. = 1739.
SKULL: Evidence of flat occlusal wear in shattered fragments.
AGE: subadult-adult c. 16-25 yr.
SEX: ??male
PATHOLOGY SUMMARY: hypoplasia; calculus
CONDITION: tooth crowns only

code 1743

From grave 1705. Teeth only.
LOWER LIMB: ?Tibia; short section heavily degraded (4-5), flatted/misshapen long bone shaft, tibia shape but could be misleading since pressure-modelled & covered in consoladant (Not recorded on sheet)
AGE: adult c. 20-30 yr.
SEX: ??male
PATHOLOGY SUMMARY: calculus
COMMENT: Lower limb from under shield boss 1746.
CONDITION: Crowns only. Long bone 4-5.

code 1750

From grave 1634. Parts of skull, upper & lower limb recorded on site (none survived for analysis). Skull seen prior to excavation by writer – skull squashed almost flat & laid on left side. Mandible & maxilla occlusal surfaces touching. Upper-most part of skull squashed down & flat
SKULL: Small by squared mental process (pre-exc.)
AGE: adult c. 18-25 yr.
SEX: ??male
PATHOLOGY SUMMARY: moderate calculus; slight hypoplasia
CONDITION: Mostly crowns only, some crumbly root.

code 1763
From grave 1762. Teeth only.
AGE: adult c. 25-40 yr.
SEX: ?
PATHOLOGY SUMMARY: hypoplasia; calculus
CONDITION: Crowns only. Highly degraded (5+) crumbs of vault.

context 1777
From grave 1490. Only teeth recovered. Excavator seems to have recovered them as one and assumed they were the same; recorded as being ‘close to surface’ i.e. 3-4cm below ground level in a grave with maximum depth 0.12m. Also recorded as being in the ‘centre of the cut’, but dawning shows this was not quite correct. There were two groups of teeth, ‘A’ of which there were more & lay central to the western half of the grave, and ‘B’ which were fewer in no. & lay in a group 0.10m to the north –east. These represent the remains of different individuals. Unfortunately, the division does not seem to have been maintained either by the excavator or in post-excavation & all have become mixed. Luckily, the teeth are different colours as well as individuals varying in age.
Either represents a double burial, or ones set could have been from a redeposited skull?

1777A
AGE: subadult c. 13-15 yr.
SEX: ??male
PATHOLOGY SUMMARY: ?possible retention of deciduous molar; hypoplasia; morphological variation – large 5-cusp right mandibular M3
CONDITION: Crowns only – these comprise the paler coloured of the two sets & with no apparent degradation to enamel.

1777B
SKULL: Large incisors and canines.
AGE: juvenile-subadult c. 7-14 yr.
SEX: ?
PATHOLOGY SUMMARY: hypoplasia; morphological variation – mandibular left M3 5-cusps
CONDITION: Slightly darker colour than 1777A (light-mid brown); crowns only but very slightly worn appearance (1).

context 1811
From grave 1810. Teeth only recovered. Teeth were bagged as one, but from plan it appears that they formed two small groups & a singleton distributed across the west end of the grave cut; given that there is evidence for more than one individual. SKULL: Probable maxillary M3 small, basically 2-cusp variation with multiple fissures.
AGE: 1) adult c. 18-25 yr. 2) infant 0.5-6 yr.
SEX: ?
PATHOLOGY SUMMARY: morphological variation – mandibular M3s multi-cusped
CONDITION: Crowns only.
context 1839

In situ burial in grave 1757; Bone underlying shield boss (obviously placed over head).
SKULL: Right maxillary canine appears ‘pegged’ BUT position in dentition uncertain (poor preservation, no supportive structure & squashed) and it could be an accessory crown or a right I2 – definitely maxillary though.
AGE: adult c. 20-30 yr.
SEX: ?
PATHOLOGY SUMMARY: hypoplasia; calculus; morphological variation – pegged maxillary ?canine, mandibular M3 5 cusps
CONDITION: Some degraded bone, mainly tooth crowns with some root (5). Soil ‘glued’ to bone by consolidant painted over teeth and soil n which they sat in conservation – subsequently could not get all soil off and view of surfaces consequently inhibited.

context 1854

From grave 1489. Teeth only
SKULL: Mild-moderate calculus (often from tide lines). Irregular shaped, 5-cusped M3 from grave fill – 1855 – presumably maxillary but shape so irregular cannot be sure or from which side.
AGE: subadult-adult c. 15-25 yr.
SEX: ?
PATHOLOGY SUMMARY: hypoplasia; calculus

context 1856

Supine, extended burial made in grave cut 1577.
SKULL: Long, relatively narrow but robust malar processes. Any external occipital protuberance eroded away. All sutures (sagittal, lambdoid & coronal) unfused; anterior sagittal starting. Possible small wormian bone but cannot be certain. Mastoid process appears rounded but relatively small – heavily degraded. Calculus mostly evident from ‘tide-lines’.
AGE: adult c. 25-35 yr.
SEX: ??male
PATHOLOGY SUMMARY: hypoplasia; calculus; hypercementosis; morphological variation – man M3 5-cusp variation
CONDITION: Heavily degraded bone (5-5+), endocranium (0-1). Long bone all heavily degraded (5+) with exception 2 small fragments proximal ulna.

context 1859

From grave cut 1857/1577.
No sheets or database entry.
SKULL: 2 fragments shattered incisor (?mandibular) tooth enamel with flat occlusal wear and exposed dentine.
AGE: adult c. 25 – 50 yr.
SEX: ?
PATHOLOGY SUMMARY: calculus
CONDITION: Crown fragments only.
INCLUSIONS: Small fragment mineral-blue glass.

**context 1896**
From sample 200, recorded as context 1897 (grave fill) but 1896 – from grave 1895 – has teeth shown as present & presumably these are they.
AGE: adult c. 30-40 yr.
SEX: ??male
PATHOLOGY SUMMARY: Calculus
CONDITION: Crowns only.

**context 3033**
From grave 3031. Parts all areas survived in the ground.
SKULL: Frontal degraded but min. moderate supra-orbital margins (3) & indications min. slight-moderate ridge. (min. 2-3). Coronal suture just commencing fusion, sagittal c. ½ fused & lambdoid open.
Mastoid process unclear but appears relatively small,
LOWER LIMB: Very large, robust femora, with indications some exostoses on linea aspera & gluteal lines.
AGE: adult c. 20-40 yr.
SEX: *??male
PATHOLOGY SUMMARY: exostoses – femora
CONDITION: Degraded, eroded bone 4-5+.

**context 3085**
From grave 3083. Teeth only. In situ @ west end of grave.
AGE: c. 9-10 yr.
SEX: ?
PATHOLOGY SUMMARY: hypoplasia; calculus
CONDITION: Mostly crowns, some root survives.

**context 3127**
From grave 3080, tooth crowns only recovered.
AGE: subadult-adult c. 15-20 years
SEX: ??male
PATHOLOGY SUMMARY: hypoplasia
CONDITION: Mostly enamel only.
INCLUSIONS: 9.2g charcoal/fuel ash.

**context 5188**
Inc. 5187. From grave 5186. Tooth & lower limb on excavation.
AGE: adult c. 20-35 yr.
SEX: ?
CONDITION: Tooth enamel only & scrap of root.
context 5381

From grave 5379.
No sheets or database entry
AGE: subadult-adult >15 yr.
SEX: ?
CONDITION: heavily degraded (5+) scraps (c. 10 & increasing) long bone shaft,
     excavator seemed to think were humerus, could be but from size may also
     have been femur.

SFB01

context 6692

Remains inhumation burial made in grave 6639.
AGE: adult c. 25-35 yr.
SEX: ?
PATHOLOGY SUMMARY: calculus
CONDITION: Crown enamel only & few fragments very heavily degraded scarps of
     bone (5+).
1.2 Cremated Bone

See Table 00 for bone weights and percentage distribution by sieve fraction and identifiable skeletal elements, and maximum fragment sizes.

Small fragments burnt/cremated bone were recovered from various inhumation grave fills including;
- u/id human bone (generally fragments long bone shaft): 1101 (>juvenile), 1147 (>juvenile), 1322 (>juvenile), 1454 (subadult/adult), 1764 (subadult-adult), 1859
- u/id ?animal/?human: 1121, 1574, 3335, 3411, 3499

**context 1355**
- Ditch fill. Pot fragments.
- LOWER LIMB: Fragment femur & tibia shaft.
- AGE: subadult/adult

**context 1390**
- From fill inhumation grave 1393.
- SKULL: Vault 2 fragments. 1a = 3.5mm
- LOWER LIMB: Fragments femur & tibia shaft.
- AGE: adult

**context 1412**
- Fill E/MIA inhumation grave 1411. Pot fragments.
- SKULL: Malar body fragment.
  - Vault small fragment.
- UPPER LIMB: Radius shaft fragment.
- AGE: subadult/adult

**context 1465**
- Inhumation grave 1464. Fuel ash, bone & pot fragments.
- SKULL: Molar root fragment.
  - Vault; fragment. Sagittal suture open.
- LOWER LIMB: Femur; 2 fragments shaft.
- SEX: ?

**context 1515**
- Fill inhumation grave 1462
- LOWER LIMB: Fragments femur & fibula shaft.
- AGE: subadult/adult

**context 1573**
Fill pit 1572, 1.78 x 0.94m, 0.14m deep. Rare fuel ash & bone, pot fragment.
LOWER LIMB: Femur; shaft fragment.
AGE: adult/subadult

**context 1578**
Fill inhumation grave 1858.
UPPER LIMB: Fragments humerus (2) and radius (2) shaft.
LOWER LIMB: Femur; 2 fragments shaft.
AGE: subadult/adult
SEX: ?

**context 1602**
Fill ditch 1601.
UPPER LIMB: Humerus; shaft fragment.
AGE: adult

**context 1605**
Fill E/MIA inhumation grave 1523.
LOWER LIMB: Femur; 2 fragments shaft.

**context 1635**
Fill inhumation grave 1634.
LOWER LIMB: Tibia; 3 fragments shaft.
AGE: adult

**context 1647**
Fill inhumation grave 1487
UPPER LIMB: Humerus; shaft fragment.
AGE: subadult/adult

**context 1698**
Discrete fuel ash rich deposit within fill ditch 1695.
SKULL: 2 small fragments vault.
UPPER LIMB: Radius shaft fragment.
LOWER LIMB: Tibia shaft fragment.
AGE: subadult/adult

**context 1700**
Charcoal rich fill of ?truncated pit 1699, 0.70 x 0.30m, 0.14m deep.
Excavated as two rather confusing southern fills (no record of what northern half comprised) 1700 & 1701. Quantity of bone so minimal as to make this meaningless + cannot comprehend excavators notes.
SKULL: Vault; 3 small fragments. 1a = 2.6mm
AXIAL SKELETON: Rib; shaft fragment.
UPPER LIMB: ?Ulna shaft fragment.
AGE: juvenile- adult

context 1704
Charcoal-rich fill pit 1703 – 0.27 x 0.18m, 0.08m deep – with ‘very common’ charcoal & ‘common’ (9.9g!!) bone. Excavated in two halves.
SE
SKULL: Vault; 3 small fragments. 1a = 2.5mm.
LOWER LIMB: Fragments tibia & fibula shaft.
NW
UPPER LIMB: Humerus; shaft fragment.
LOWER LIMB: Fibula; shaft fragment.
AGE: subadult/adult
SEX: ?

context 1706
Fill of inhumation grave 1705
SKULL: Small fragment supra-orbital, narrow-medium margin (2-3).
AGE: subadult/adult
SEX: ??female

context 1725
Pit fill. No description recorded. Cremation-related deposit.
SKULL: Vault; 2 small fragments. 1a = 3.6mm.

context 1727
Charcoal-rich fill pit 1726, 0.30 x 0.30, 0.06m deep. Excavated in halves.
NW
SKULL: Postglenoid tubercle (?right) with external auditory meatus.
UPPER LIMB: Radius; shaft fragment.
SE
SKULL: P/C root fragment.
Very small, gracile left zygomatic arch.
Vault; 3 fragments shaft. 1a = 3.2mm.
UPPER LIMB: Fragments humerus (2), radius (2) and ulna (2) shaft.
LOWER LIMB: Fragments femur (3) and fibula; (1) shaft.
Metatarsal base with shaft fragment.
AGE: adult
SEX: ?female

context 1729
Charcoal-rich fill of pit 1728, 0.29 x 0.22m, 0.07m deep. N & S halves.
South
SKULL: Vault fragment.
UPPER LIMB: Humerus; shaft fragment. 
LOWER LIMB: Tibia shaft fragment. 
AGE: adult 
SEX: ? 

**context 1764**
- Fill inhumation grave 1762
- SKULL: Tooth root fragment.

**context 1805**
- Fill of E/MLA inhumation grave 1803.
- SKULL: Vault fragment.
- UPPER LIMB: Scapula; fragment acromion neck. 
  - Humerus; proximal shaft fragment, small area fine periosteal new bone. 
  - Radius shaft fragment. 
- LOWER LIMB: Tibia; shaft fragment.
  - AGE: subadult/adult
  - SEX: ?
  - PATHOLOGY SUMMARY: periosteal new bone – proximal humerus 

**context 1855**
- Fill inhumation grave 1489.
- SKULL: Vault fragment. 
  - 1a = 2.5mm
- UPPER LIMB: Ulna; shaft fragment. Small styloid process.
  - Talus fragment.
- LOWER LIMB: Fragments femur & tibia shaft. 
  - Metatarsal head with shaft fragment.
  - AGE: adult
  - SEX: ?

**pit 3336**
- Diameter 0.35m, 0.32m deep. Eastern half excavated in 4 spit 0.05m, western half taken out as one.
  - Unurned burial + redeposited pyre debris.

**context 3397**
- East spit 1.
  - SKULL: Vault; 3 small thin fragments. 1a = 1mm.
  - UPPER LIMB: Ulna; proximal shaft fragment (immature).

**context 3399**
- East spit 3.
  - SKULL: Vault; 3 small thin fragments.

**context 3491**
Western half of fill. Charcoal in fill but no quantification or distribution stated.

SKULL: Vault; 20 small, thin fragments. 1a = 1.3mm.
AXIAL SKELETON: Fragment neural arch.
Rib; shaft fragment.
UPPER LIMB: Proximal phalanx head with shaft fragment (immature).
LOWER LIMB: Fragments femur & tibia shaft (neonate-y.infant).

AGE: neonate/young infant c. 3-18 mth.

pit 3602

LBA/EIA: 0.80 x 0.65m, 0.40m deep. With charcoal rich fill; S half excavated as one, N. half in 4 spits.

context 3603
S. half of fill; residue very charcoal rich.
SKULL: Fragment inferior right nasal process.
Vault; 6 fragments. 1a = 4.3mm.
AXIAL SKELETON: Rib; 3 fragments shaft.
UPPER LIMB: Fragments radius (3) and ulna (1) shaft.
1st proximal phalanx head with shaft fragment.
LOWER LIMB: Femur; 2 fragments shaft. 5 fragments distal articular surface.
Fragments tibia (2) and fibula (2) shaft.

context 3608
North spit 1.
AXIAL SKELETON: Cervical articular process fragment.
UPPER LIMB: Clavicle; fragment lateral shaft.

context 3609
N. spit 2
SKULL: Vault; 9 small fragments.
AXIAL SKELETON: Cervical; small fragment body. Small fragment small spines.
Articular process.
Innominate; greater sciatic notch fragment, incomplete but tending obtuse.

context 3610
N. spit 3
SKULL: Small fragment petrous temporal. Fragments mastoid portion.
Vault; 3 small fragments.
UPPER LIMB: Fragments humerus (2), radius (1) and ulna (1) shaft.
LOWER LIMB: Tibia; shaft fragment.

context 3611
N. spit 4; charcoal rich residue.
SKULL: Vault; 3 small fragments.
AXIAL SKELETON: Thoracic; articular process fragment.
UPPER LIMB: Humerus; 7 fragments shaft.
Proximal phalanx head with shaft fragment, slight osteophytes on posterior margins of head.
LOWER LIMB: Tibia; 3 fragments shaft.

AGE: adult >25 yr.
SEX: ??female

PATHOLOGY SUMMARY: osteophytes – finger phalanx

context 3646
Discrete charcoal rich fill in ditch 3638.
SKULL: Mandible – small fragment distal body with ?crown crypt.
   Vault; 12 fragments shaft. 1a = 4mm.
AXIAL SKELETON: Rib shaft fragment.
UPPER LIMB: Radius; shaft fragment.
AGE: subadult
SEX: ?
II. Saltwood Tunnel (SLT98, 98C and 99)

NB. Due to confusion in post-exavation, many of the bags and boxes containing human bone do not have the correct site code attached. The site code as shown in this document has been checked with the excavator and is correct BUT will not necessarily correspond with the bags and boxes.

II.1 Unburnt bone

See Skeleton Record Sheets for skeletal elements available in analysis and dental record sheets for tooth wear & lesion location. Inventories of spinal and extra-spinal joints, dental inventory, metric record & none-metric traits are recorded in the database. In the following text sexual dimorphic scores are in accordance with Buikstra and Ubelaker 1994, and condition score follow McKinley 2004, fig. 6.

SLT 98

context 211

In situ remains within grave 24. Supine, extended; legs crossed at ankles, arms extended along side of bone NB. Hands are not under the pelvis, the innominates have collapsed down over them during decomposition. NB. A skull was recovered in excavation but has subsequently gone missing and was not available for osteological examination.

AXIAL SKELETON: Cervical; degenerative disc disease moderate across all one superior surface & one inferior; latter also slight lesions superior margins. Pitting in one left superior articular process superior margins.

Thoracic; some breakdown in body surface margins but bone poorly preserved & bone like degenerative disc disease.

Lumbar; slight pitting & osteophytes in 2 pairs of inferior articular processes (?L1-2); slight erosive pitting in one superior articular process (lower).

Innominates; acute greater sciatic notch(5); Acute sub-pubic angle (5). Beginnings of short, narrow, shallow pre-auricular sulcus evident in left side. Auricular surface show no billowing, fairly coarse surfaces. Pubic symphysis; slight dorsal border, uneven ventral border; all surface pattern gone, coarse granular appearance to all of face with deeper uneven pitting along ventral and inferior faces.

Areas of pitting c. 20 x 8mm in both acetabulae, superior anterior adjacent to rims; slight osteophytes on rims.

UPPER LIMB: Humerus; right medial epicondyle has area new bone & pitting in anterior surface flexor origin17mm area.

Radius; strong tuberosities with pronounced dorsal lips. Strongly marked proximal interosseous border at upper end flexor pollicis longus attachments.

Ulna; pronounced supinator crests and strong tuberosities (supinator and brachialis attachments).

Carpals relatively small. Long metacarpals. Large phalanges. Right ?2nd/4th proximal interphalangeal; c. 8mm area eburnation in lateral side facets, pitting across all medial & onto lateral side, uneven flanges osteophytes around all joint margin.

LOWER LIMB: Femurs; large, robust bones with strong, prominent linea aspera.
with slight exostoses, and strong gluteal tuberosities with mild exostoses, spiral line also moderately marked. Slight exostoses on margins proximal notches. Mild osteophytes on margins distal notch both sides.

Patella; slight exostoses in left and moderate in right anterior surfaces extending inferiorly.

Tibia; osteophytes on condyle margins intercondylar eminencies. Soleal lines fairly strongly marked.

Fibula; strong bone; Patchy periosteal new bone along 102mm min. length of bone medial surface, mid-shaft to distal; uneven, grainy active bone.

AGE: adult >45 yr.

SEX: male

PATHOLOGY SUMMARY: degenerative disc disease – 2C, 1L; periosteal new bone – right fibula; osteoarthritis – right 2/4 proximal IP joint (hand); osteophytes - 1C, right & left proximal ulnae, right glenoid, left hip, right & left knee joints; pitting – 1C articular process, 3L articular processes, left & right hip joints, right humerus epicondyle; new bone – right humerus epicondyle; exostoses – femur shafts, patellae

CONDITION: Variable, generally 2-3, some 4-5. Green copper-alloy staining to right sub-public area. Very small fragment burnt/cremated bone with left leg bones.
context 1000

This no. represents the stone lining of the cist grave 1004; no. attributed to bone from this grave is 1017 this is not it; the number is incorrect but there is no secure evidence as to where it really was from so its basically unstratified (possibly off the soil heap?)

AXIAL SKELETON: Innominates; very small fragment greater sciatic notch, tending obtuse (min. 2).

LOWER LIMB: Relatively gracile long bones.

AGE: ?subadult-adult >15 yr.

SEX: *?female

CONDITION: Eroded 4-5.

context 1017

Coffined inhumation burial in cut 1004. Includes tooth fragments from grave fill 1001. It appears that this grave was machined out and the bone was collected from the spoil heap where contamination may have occurred.

SKULL: Narrow supra-orbital margins (2); slight brow ridge (2).

One molar (?mandibular) tooth crown with totally different wear patterns to rest – given the was in which this bone was collected, this could either have been redeposited in the grave fill, or be contamination from the spoil heap. Coronal suture open.

UPPER LIMB: Humerus; gracile shaft.

LOWER LIMB: Femur; VD head min. 42mm

AGE: 1. adult c. 18-25 yr.  2. adult c. 25-40 yr.

SEX: 1. Skel. indicates *??female
     Teeth suggest ??male
     2. ?

PATHOLOGY SUMMARY: calculus

CONDITION; Heavily eroded (4).

context 1029

In situ burials made in grave 1027. Four ‘F.no.’ (finds nos.) attached to different groups of material but in the absence of record of what these nos. relate to (no plan number is given on the context record sheets for the skel. or grave cut) they were treated as one.

SKULL: c. 30 additional small shattered fragments tooth enamel, cannot reconstruct or record in further detail. Very light wear. No root survive.

F. no. 1511 c. 10 shattered fragments tooth enamel, could not record further.

F. no. 1039 = >50 very small fragments of shattered tooth enamel, could not reconstruct or record any other way.

Recorded tooth crowns from F.nos. 1224, 1508 & 1220.

AGE: subadult c. 14-18 yr.

SEX: ??male

context 1046
Fill of grave cut 1048. Position in grave not recorded.
No sheets or other records.
SKULL: Two tiny fragments shattered tooth enamel, appears to be from permanent
tooth, no obvious wear on occlusal surface. P/M.
AGE: ?older infant-mature adult c. 2-40 yr.!
SEX: ?

context 1075
‘Grave goods’ number given to Fe spearhead from grave cut 1522.
AGE: adult c. 20-30 yr.
SEX: ?
PATHOLOGY SUMMARY: hypoplasia; calculus

context 1081
Grave cut number, should have been given skeleton no. for this grave 1310.
No sheets.
LIMB: Heavily abraded fragments including at least humerus shaft.
AGE: adult
SEX: ?
CONDITION: Heavily abraded 4-5.

context 1109
Fill grave 1110. No human bone record sheet or description beyond ‘teeth’.
SKULL: c. 30 small, shattered fragments tooth enamel. At least some occlusal polish
but too heavily shattered to give much idea.
AGE: adult c. 25-45 yr.
SEX: ?
CONDITION: Crowns only.

context 1118
Grave; = 1140. (recorded on same hard-copy sheets)
AGE/SEX: See 1140

context 1122
Grave cut 1521. Grave fill, no record of any bone so position unknown.
No sheets or other records.
SKULL: 3 small, shattered fragments tooth enamel; look like permanent crowns.
AGE: >5 yr.

context 1134
Number attributed to coffin in grave cut 1132; assumed to represent remains
of in situ bone collected in sample.
No sheets or other records.
SKULL: 4 small, shattered fragments tooth enamel including part one molar & 1
premolar both with occlusal polish, premolar flat.
AGE: adult c. 30-50 yr.
SEX: ?
CONDITION: Enamel only + small fragment long bone 4-5.
GRAVE GOODS: Small fragment glass.

context 1140
From grave cut 1137. Two F.(finds) nos. 1222, 897 but since no record of what these nos. mean recorded as one. Site records state only 2 molars recovered but drawing shows min. 4 + ?bits.
AGE: adult c. 20-30 yr.
SEX: ?
COMMENT: Enamel crowns only. Many badly shattered.

context 1157
Grave cut 1154.
AGE: adult c. 20-25 yr.
SEX: ?
CONDITION: Enamel crowns only.

context 1160
Grave cut 1159.
No sheets or other records.
SKULL: Inner-ear bone malleus (hammer).
Vault; minimum 3 scraps single plate & diploe.
AGE: subadult/adult ?13 yr.
SEX: ?
CONDITION: c. 100 scraps of heavily degraded bone (5).

context 1164
Grave 1165. Sampled grave fill, position of bone not noticed.
No sheets of other records.
SKULL: 3 tiny scraps tooth enamel.
AGE: ?
SEX: ?

context 1167
Inhumation burial in grave cut 1138; some bone erroneously numbered 1120. No sheets or other record. NB. Context records have wrong site code.
SKULL: c. 10 small shattered fragments tooth enamel including at least one mandibular molar with slight occlusal polish & min. one crown fragment with flat occlusal polish. + 5 very small, shattered fragments tooth enamel, flat occlusal polish evident on one fragment (1120).
c. 5 very small scraps of ?vault.
AGE: adult c. 25-45yr.
SEX: ?
CONDITION: Enamel & heavily degraded bone (5+).

**context 1183**
Grave cut 1154. Sampled coffin fill, no bone noted on site.
No sheets or other records.
SKULL: c. 5 small fragments shattered tooth enamel, appear permanent, some occclusal polish.
AGE: subadult-adult >13 yr.
SEX: ?

**context 1187**
Grave 1188; sampled grave fill, burial remains = 1256 - record on sheet with 1256.
AGE: adult c. 30-40 yr.
SEX: *??female
CONDITION: Heavily degraded bone (4-5). Teeth abraded (3-4) but roots remain.

**context 1188**
Cut number; ?should be 1187?
No sheets or other records.
AGE: >infant
SEX: ?
CONDITION: 4 small, heavily degraded (4-5) scraps bone, ?inc. innominate.

**context 1194**
Grave cut number. Skel. no. 1330 is bagged and boxed as SLT99 – see below.
… bags wrongly numbered.
No sheets or other records.
SKULL: c. 20 small shattered fragments tooth enamel including one maxillary I1.
Could not judge occlusal wear.
AGE: juvenile-adult >6yr.
SEX ?

**context 1203**
Grave 1204; sampled grave fill, skeleton no. 1388 (recorded on same sheets).
AGE: adult c. 20-25yr.
SEX: ??male
PATHOLOGY SUMMARY: hypoplasia; calculus
CONDITION: Enamel only.

**context 1239**
Grave 1240. No. attributed to bone 1343 so presumably this bag was incorrectly numbered? i.e. the teeth from here correspond with what is recorded under 1343 on site records more than do those I have numbered 1343.
AGE: adult c. 18-25 yr.
SEX: ? male
PATHOLOGY SUMMARY: caries – 2 mandibular molars; hypoplasia
CONDITION: Tooth enamel only.

**context 1254**
Grave 1214..
AGE: infant c. 2-3 yr.
SEX: ?
CONDITION: Crown enamel.

**context 1256**
Grave 1188; *in situ* remains of burial; recorded with 1187-8 ass.
AGE: adult c. 30-40 yr.
SEX: ? female
PATHOLOGY SUMMARY: calculus
INCLUSION: Fish vertebrae.

**context 1259**
Grave cut number. See skel. no. 1358.
No sheets or other records.
SKULL: Single small fragment enamel; permanent tooth.
AGE: juvenile-adult >5 yr.

**context 1276**
Grave 1267.
AGE: subadult-adult c. 16-25 yr.
SEX: ?

**context 1283**
Grave 1195 *in situ* remains. NB. Context record sheets have wrong code (SLT99),
NO sheets or other records.
SKULL: 7 small scraps shattered tooth enamel, cannot even tell if deciduous or permanent.
AGE: ? >2 yr.
SEX: ?
CONDITION: Enamel only.
context 1310
Grave 1081. Remains *in situ* burial see also 1081 for bone recorded under cut number.
SKULL: Mandible – heavy bone, flared arch, broad mental process & deep. M3 elongated 5-cusps
Maxilla - slight woven new bone anterior-medial and floor of left antrum. left P1 rotation c. 30 deg. mesial; slight hypercementosis.
Large, rounded mastoid process (4-5). Pronounced external occipital protuberance (4-5). At min. moderate supra-orbital (3).
Superior portion coronal fused, inferior open. Sagittal c. half (dorsal) – fully fused.
AXIAL SKELETON: Innominate; small fragment angle unclear but tending acute at least (3-4).
UPPER LIMB: Clavicle, robust.
AGE: adult c. 30-40 yr.
SEX: *male
PATHOLOGY SUMMARY: caries; calculus; hypoplasia; sinusitis; morphological variation – mandibular M3 5-cusps
CONDITION: Heavily degraded bone, skull best preserved (4-5), rest 5+.

context 1330
Grave 1194. In situ remains. NB. Context record sheets have wrong code (SLT99).
AGE: adult c. 18-25 yr.
SEX: ??male
PATHOLOGY SUMMARY: morphological variation – mandibular M3 multi-cusps
CONDITION: Tooth enamel only.

context 1342
Grave 1285. No. attributed to coffin stain. Bone numbered 1361. No sheets or other records.
SKULL: c. 15 small, shattered fragments permanent tooth crown enamel including maxillary premolars and molar & one probably canine. Some occlusal polish evident.
AGE: adult c. 20-30 yr.
SEX: ?
CONDITION: Shattered enamel fragments.

context 1343
Grave 1240. This is no. attributed to bone on site but most of the remains were incorrectly bagged as 1239 (grave fill). Some duplication of bone some redde3posed in grave fill.
AGE: subadult-adult c. 15-25 yr.
SEX: ?
PATHOLOGY SUMMARY: caries
CONDITION: enamel only
context 1347
Grave 1210.
No sheets, in dental inventory.
SKULL: c. 20 small, shattered fragments permanent tooth crown inc. min. 1 incisor
& 1 other molar. No occlusal wear evident on any fragments.
AGE: juvenile-subadult c. 8-18 yr.
SEX: ?
CONDITION: Enamel crowns only.

context 1351
Grave 1352. Should have been 1320 not given number attributed to grave goods.
AGE: juvenile c. 7-9 yr.
SEX: ?
CONDITION: Enamel crowns only.

context 1357
Grave 1259. Incorrectly numbered should have been 1358 not no. attributed to grave goods.
No sheets or other record.
SKULL: 3 small fragments shattered permanent tooth enamel.

context 1358
Grave 1259. See also 1259 & 1357.
AGE: adult c. 30-40 yr.
SEX: ?
CONDITION: Mostly enamel some heavily degraded bone (5+).

context 1361
Grave 1325.
AGE: adult c. 25-30 yr.
SEX: ?
PATHOLOGY SUMMARY: hypoplasia; calculus
CONDITION: Tooth enamel & heavily degraded bone (5-5+)

context 1363
Grave 1234. This no. pertains to the grave goods, skel. no = 1362 from which there is no bone but fragments were recorded on site which would equate with these.
AGE: adult c. 20-35 yr.
SEX: ??male
PATHOLOGY SUMMARY: calculus; hypoplasia
CONDITION: Mostly enamel crowns, some scraps root attached to some & heavily degraded small fragments skull vault (5-5+).

context 1376
In situ remains grave cut 1189; shield boss placed over head.
AGE: adult c. 18-25 yr.
SEX: ??female (small teeth)
PATHOLOGY SUMMARY: hypoplasia; morphological variation – mandibular M3 5-cusps
CONDITION: crowns enamel only (5).

context 1381
Grave 1382.
No sheets or other record.
SKULL: c. 15 small, shattered fragments permanent tooth enamel, includes part of minimum 1 maxillary premolar with flat occlusal wear and ?one mandibular premolar same.
AGE: adult c. 30-45 yr.
SEX: ?
CONDITION: Enamel only.

context 1388
Grave 1204. In situ bone. Recorded with 1203
AGE: adult c. 20-25yr.
SEX: ??male
CONDITION: Enamel only.

context 1403
Grave 1387.
No sheets or other records.
SKULL: 7 shattered fragments of permanent tooth enamel, molar &/or premolar. No evidence of wear other than possible slight polish.
AGE: infant-adult c. 3-20 yr.
SEX: ?

context 1404
Grave 1387. No. given to grave goods. See 1403
No sheets or other records.
SKULL: 2 small fragments shattered permanent tooth enamel.

context 1415
Grave 1408. In situ remains.
AGE: subadult/adult c. 14-20 yr.
SEX: ?
PATHOLOGY SUMMARY: calculus
CONDITION: Tooth crown enamel only.

context 1417
Grave 1391. 'not recorded on site’
AGE: adult c. 25-35 yr.
SEX: ?
PATHOLOGY SUMMARY: caries; calculus; MV – mandibular M3 multi-cusped
CONDITION: Enamel crowns only.

context 1450
?post hole 1451.
AGE: juvenile c. 8-10 yr.
SEX: ? male
CONDITION: Tooth enamel only.

context 1452
Grave 1439. In situ bone.
No sheets or other records.
SKULL: c. 9 small, shattered fragments tooth enamel, at least some permanent.
AGE: >3yr.
SEX: ?

context 2400
No tooth wear sheet.
AGE: juvenile-subadult c. 5-18 yr.
SEX: ?
CONDITION: Tooth enamel only.

context 2515
Grave 2401. In situ. Context record sheets incorrect site code (SLT99)
AGE: juvenile c. 7-9 yr.
SEX: ?
CONDITION: Tooth enamel only

context 2558
Grave 2559. Fill no. sheets suggest some bone bagged under this number & some under skel no. 2598 - bagged and boxed incorrectly under code SLT99.
AGE: juvenile c. 7-10 yr.
SEX: ?
CONDITION: Crown enamel only.

context 2598
Grave 2559. In situ. Bags and boxes have incorrect site code (SLT99).
No sheets or other records.
SKULL: c. 10 small, shattered fragments enamel, including ?mandibular premolar,
?min. some occlusal polish.
AGE: ? juvenile/subadult c. 12-14 yr.
SEX: ?
CONDITION: Enamel only.

context 2817
Grave 2816. In situ remains.
SKULL: No apparent wear to crown, possibly unerupted?
AGE: infant-juvenile c. 3-8 yr.
SEX: ?
CONDITION: Tooth enamel only.

context 2886
Grave 2869. Grave fill, see skel. = 2906
No sheets or other records.
SKULL: 2 small shattered fragments tooth enamel – flat occlusal wear.

context 2890
From ditch fill.
No sheets or other records.
SKULL: Shattered fragment permanent tooth enamel (?maxillary incisor).
AGE: juvenile-adult
SEX: ?

context 2906
Grave 2869. In situ remains. See 2890.
AGE: adult c. 18-25 yr.
SEX: ?
CONDITION: Crown enamel only.

context 6140
Grave 6101. In situ remains. Supposed to have skull & mandible with full set of teeth but there is nothing under this number; by process of elimination skull erroneously coded STL99 no context no. just grave number.
SKULL: Large but slight pointed mastoid process (4). Moderate supra-orbital margins (3), slight ridge (2-3). No external occipital protuberance (1-2). All sutures fused, sagittal obliterated anterior, rest and lambdoid tending towards obliterate.
UPPER LIMB: Humerus; left deep intertubercular groove. Strong deltoid tuberosities especially right.
LOWER LIMB: Although heavily degraded (5-5+) the femurs at least appear to have been robust.
Metatarsals and tarsals large.
AGE: adult c. 40-60 yr.
SEX: *??male
PATHOLOGY SUMMARY: hypoplasia; calculus; morphological variation – mandibular M2-3 triangular form, coronal ossicle
CONDITION: Heavily degraded (5-5+)
context 6407
Grave 6406; in situ. Wrong code of bags/box (SLT99, should be SLT98C)
AGE: infant/juvenile c. 4-6 yr.
SEX: ?
PATHOLOGY SUMMARY: caries - deciduous; hypoplasia;
CONDITION: Crowns only (except from unerupted crowns, some root).

context 6417
Grave 6416. In situ remains.
AGE: juvenile c. 10-12 yr.
SEX: ?
CONDITION: Enamel crowns only.

context 6420
Grave 6421. In situ remains
No sheets or other records.
AGE: Subadult/adult >13 yr.
SEX: ?
COMMENT: c. 12 very degraded fragments bone labelled ‘feet’ ... may well be. ...too degraded to i/d.
CONDITION: Heavily degraded (5).

context 6517
Grave 6516. In situ remains
SKULL: Suture open in at least exocranial half.
AGE: adult c. 35-50 yr.
SEX: ?
PATHOLOGY SUMMARY: hypoplasia; calculus;
CONDITION: Heavily degraded (erosion) scraps of long bone shaft & single plate vault (5-5+). Tooth roots present but decaying & generally incomplete, enamel flaking-off crowns continuously.

context 6523
Grave 6491. In situ remains
No dental wear sheet
SKULL: Deciduous molar slight polish on labial cusps.
AGE: infant/juvenile c. 4-5 yr.
SEX: ?
CONDITION: Enamel crowns only

context 6527
Grave 6524. In situ.
SKULL: Coronal suture almost fully fused. sagittal fully fused & tending to
obliterate
LOWER LIMB: Left foot bones recorded a ‘right’ & for some reason right foot bones much better preserved than rest of bone
AGE: adult c. 25-35 yr.
SEX: ?
PATHOLOGY SUMMARY: hypoplasia; calculus
CONDITION: Teeth mostly crown enamel some separated fragments degraded root.
   Skull, long bone & left foot generally heavily degraded (erosion; 4-5+) right foot bones much better (1-2). ‘Pock-marked’ erosion to skull vault.

context 6565
Grave 6566. In situ.
SKULL: Sharp supra-orbital margins, faint ridge mesial.
AGE: juvenile c. 8-10 yr.
SEX: ??male
PATHOLOGY SUMMARY: hypoplasia; calculus

context 6636
Grave 6635. In situ.
AGE: adult c. 25-35 yr.
SEX: ?
PATHOLOGY SUMMARY: calculus
CONDITION: Crown enamel & heavily degraded scraps long bone (5+).

context 6639
Grave 6640. In situ.
AGE: adult c. 25-45 yr.
SEX: ?
CONDITION: Enamel. Heavily degraded bone (5).

context 6646
Grave 6644. In situ.
AGE: Juvenile c. 6-7 yr.
SEX: ??male
PATHOLOGY SUMMARY: caries
CONDITION: Tooth enamel only.
**SLT 99**

**context 3041**
Grave 3041– no. attributed to cut. No record of sample from the fill.
AGE: subadult c. 13-18 yr.
SEX: ?
CONDITION: Tooth enamel only.

**context 3046**
Grave 3046. Fill, no record of a sample. Skel. no. 3056, no bone from this number so presumably bag numbered wrong.
AGE: subadult c. 15-18 yr.
SEX: ??male
PATHOLOGY SUMMARY: morphological variation – small disto-buccal cusp mandibular M2
CONDITION: Crown enamel only, slight obscured by adhering sand & black spot staining.

**context 3712**
Grave 3713. Fill, see Skel. no. 3716
No sheets or other records.
SKULL: 7 small fragments shattered enamel, ?permanent tooth ... flat occlusal wear.
AGE: adult >30
SEX: ?

**context 3716**
Grave 3713, in situ.
SKULL: Large mastoid processes, shape unclear since broken but appear rounded (4-5). Mild-moderate external occipital protuberance (3). Lambdoid fully fused, tending obliterated.
AXIAL SKELETON: Cervical vertebrae relatively large. Mild- moderate lesions. C4 small destructive lesion in inferior surface c. 3mm diameter, 2mm deep, exposed spongiosa, no indications healing ...?Schmorl's node start .
LOWER LIMB: Femur; both strong bones, strong linea aspera & gluteal tuberosities, mild exostoses along both sides, especially gluteal tuberosities & especially left.
AGE: adult >50 yr.
SEX: *?male
PATHOLOGY SUMMARY: hypoplasia; calculus; osteophytes – atlas/axis anterior facet; degenerative disc disease – 3C; morphological variation – mandibular M3 triangular form, wormian bones
CONDITION: Variable; much lost & scraps heavily degraded (5+) bone illustrated on sheet generally 2-3.

**context 3727**
Grave 3726. In situ.
SKULL: Small tooth crowns.
   Thin occipital, no external occipital protuberance (1). Sutures (lambdoid) open.
AGE: adult c. 18-25 yr.
SEX: ??female
PATHOLOGY SUMMARY: caries; hypoplasia; calculus
CONDITION: Heavily degraded bone 5+, except that illustrated (3). Crowns only of teeth.

context 3746
   Grave 3747. Fill, no record of sample. Skel. no 3769, no bone but description could fit this.
SKULL: Coronal suture fused.
AGE: adult c. 20-30 yr.
SEX: ??female
CONDITION: Mostly tooth crown enamel. Few degraded fragments bone (5-5+).

context 3758
   Grave 3762. Recorded twice other number being 3942 which is the number the teeth & possible mandible recorded on the record sheet for this number are actually present under. See 3942.
   No sheets or other records.
CONDITION: 2 scraps degraded long bone shaft

context 3760
   Grave 3761. In situ.
   No sheets or other records.
   SKULL: c.10 small, heavily degraded fragments vault.
   AGE: subadult-adult >14 yr.
   SEX: ?
   CONDITION: 5-5+.

context 3782
   Grave 3764. In situ.
   AGE: subadult/adult c. 16-20 yr.
   SEX: ??male
   PATHOLOGY SUMMARY: hypoplasia; morphological variation – mandibular M3 multi-cusp
   CONDITION: Enamel only except few fragments root.

context 3785
   Grave 3781. In situ.
   AGE: adult c. 18-20 yr.
   SEX: ??male
PATHOLOGY SUMMARY: hypoplasia; calculus; morphological variation – mandibular M3 5-cusp
CONDITION: Tooth enamel only.

context 3786
Grave 3779. In situ.
AXIAL SKELETON: Rib; fragments minimum 3 sternal rib ends (Iscan 1-2) from conservation ‘under blade’ – presumably meaning the sword blade.
AGE: adult c. 20-30yr.
SEX: *??male BUT small teeth!!!!!
PATHOLOGY SUMMARY: hypoplasia; calculus
CONDITION: Enamel crowns only. Illustrated skull (4), rest heavily degraded (5-5+).
COMMENT: fragment of what appears to be left distal parietal (already exists) but clearly some odd arrangement since have sutures where not expected ... poor condition and bone recovery renders this a bit puzzling (see Skeleton record sheet for sketch).
Rib preservation suggests the sword was laid on the body not to one side of it but slightly over to left or right side of chest (cannot side the ribs).

context 3788
AGE: subadult c. 14-18 yr.
SEX: ??male
CONDITION: Enamel crowns only. One – from cut number - eroded (1).

context 3823
Grave 3824. In situ.
SKULL: Slight external occipital protuberance (2-3). Lambdoid & sagittal sutures open, some slight endocranial fusion in sagittal. Medium-sized, pointed mastoid processes (2-3).
AGE: adult >45 yr.
SEX: *??female
CONDITION: Skull vault cracked & warped, generally 4-5. Some root on crowns but poorly preserved.

context 3857
Grave 3826. In situ.
AGE: adult c. 18-25 yr.
SEX: ?
CONDITION: Crowns only.

context 3864 & 3866
Graves 3864 & 3866; both context nos. are cut nos. not fills records give exactly same description but one from SW & other from NE. Clearly two sets teeth - Skel. nos 3928 & 3929 respectively - with no bone from either; co-joined by excavator so positions unknown.

NB. These have HAD to be entered into the database as individual context with one individual arbitrarily recorded under one number and the other under the other but neither could be attributed to one or other grave.

SKULL: Individual 1) large teeth less worn. Individual 2) much smaller teeth & heavier wear.
AGE: 1) subadult c. 11-14 yr. 2) adult c. 18-30 yr.
SEX: ?
CONDITION: Tooth crowns only under the two nos. Fragments of heavy degraded long bone shaft under 3866 (5-5+).

context 3884
Grave 3885. Fill no. No skeleton number issued on site and no record made on the fill sheet of the bone. New number allocated in post-excavation – 4003 – for skeleton.
SKULL: Coronal & lambdoid sutures appear well fused. Moderate external occipital protuberance (3) but eroded so ?larger.
AXIAL SKELETON: Innominate; acute greater sciatic notch (5).
LOWER LIMB: Femur; relatively large strong bone.
AGE: adult c. 25-35 yr.
SEX: *male
PATHOLOGY SUMMARY: calculus; morphological variation – mandibular right M3 additional meso-buccal cusp on side of crown
CONDITION: Tooth enamel only. Heavily degraded bone (5+) that illustrated also heavily degraded (4-5+).

context 3890
From area of fuel ash - ?dumped not in situ.
No sheets or other records.
COMMENT: No burnt bone – c. 20 scraps of degraded long bone shaft but cannot be conclusive as to whether this is animal or human.

context 3942
Grave 3762. In situ
AGE: adult c. 18-25 yr.
SEX: ?
PATHOLOGY SUMMARY: hypoplasia; calculus; morphological variation – mandibular M3s 5 cusps
CONDITION: mostly crown enamel, few roots. Green staining to crowns.

context 3954
Grave 3953. In situ.
No sheets or other records.
SKULL: 4 small, shattered fragment of tooth enamel. Looks permanent (less than 1/8th of a crown here) ... looks to be some occlusal wear.
AGE: juvenile-adult >8yr.
SEX: ?

context 3970
Grave 3951. In situ.
AGE: subadult-adult c. 18-25yr
SEX: ?
PATHOLOGY SUMMARY: hypoplasia; calculus
CONDITION: Crown enamel only.

context 3999
Grave 3998. In situ.
No sheets or other records.
SKULL: c. 15 shattered fragments permanent tooth enamel, none conclusive to tooth or side but includes;
min. 1 maxillary premolar & 1 mandibular P2 both with slight polish
min. one ?maxillary canine crown with polish & slight exposure of dentine.
min. one ?mandibular molar, ?M1 with flat occlusal polish.
AGE: adult c. 18-35 yr.
SEX: ?
CONDITION: Shattered & incomplete enamel.

context 4000
In situ remains in grave 3741; no. given oout in post-excavation as had no previous number.
AGE: subadult/adult c. 15-25 yr.
SEX: ?
PATHOLOGY SUMMARY: hypoplasia
INCLUSIONS: 2 very small fragments burnt/cremated bone. Fragments ?horse bone/tooth.

context 4503
One of a minimum of two sets of remains (I only have 2 NOT 3) from grave 4502. See 4505.
AGE: adult c. 20-30 yr.
SEX: ?
PATHOLOGY SUMMARY: calculus; morphological variation – large accessory cusp on disto-buccal side of mandibular M3 crown
morphological variation – one of several with accessory cusp on mandibular M3 crown.

context 4505
Remains of a minimum of two – contradiction here since the excavator mentions this as being distinct from ‘skel’s 1 & 2’ in this grave, 4504 supposedly representing a single tooth from the second skeleton BUT I have no such tooth & nothing from context 4504 ... hence why this contexts had label ‘skel 3’ attached to it - individuals from grave 4502. See 4503.

AGE: subadult/adult c. 15-20 yr.
SEX: ??male
CONDITION: Crown enamel only

**context 4551**
From fill of refuse pit 4550; fuel ash and animal bone.
No sheets.
SKULL: Right petrous temporal & external auditory meatus with postglenoid tubercle.
AGE: adult
SEX: ?
CONDITION: Slightly abraded (1).

**context 4552**
EBA Grave 4507. Comparative well preserved but not really. Excavator has this as ‘crouched in foetal position’ which from the sketch on the context sheet is incorrect, this is a flexed burial on its right side, not nearly tight enough for ‘crouched’ & certainly not foetal.
SKULL: Small teeth.
   Mandible – right M3 socket remodelled, single ?socket (6 x 4mm) with reactive woven new bone around remaining socket margins; loss in alveolar height by 7mm labial. Infection spread mesially into M2 distal socket, some remodelling with reactive new bone.
AXIAL SKELETON: Innominate; greater sciatic notch angle tending obtuse (2-3).
LOWER LIMB: Femur; relatively gracile linea aspera. Very slight exostoses on right gluteal tuberosity.
Patella; very slight exostoses on anterior surface.
AGE: adult c. 25-35 yr.
SEX: *?female
PATHOLOGY SUMMARY: abscess; calculus
CONDITION: Much bone lost, that which is illustrated is fairly well preserved but variable 0-3. Right tibia crushed proximally, distal articular surface degraded.
COMMENT: NB. ‘Ribs’ inc. radius shaft. Left & right upper limb slightly mixed.
   Left & right lower limb back-to-front suggest legs not quite as excavator thought.

**context 4594**
Grave 4593. In situ.
SKULL: Coronal suture almost fully fused.
LOWER LIMB: c. 1/3rd hip joint survived.
AGE: adult >30 yr.
SEX: ?? (vault very thin) female
CONDITION: Heavily degraded except illustrated part right hip (5-5+).  
COMMENT: Nothing like what was recorded on site survives for osteological recording.

context 4612  
Grave 4614. In situ.
SKULL: Mandible – squared mental protuberance (4-5); flared gonion; acute angle; long process; large broad condyle. Sockets fully resorbed, smooth curved alveolus. c. 8-9mm exposure of root. 
AXIAL SKELETON: Thoracic; slight osteophytes on anterior both surface one; rest bodies incomplete. 
Lumbar; slight uneven osteophytes on min. one margin one body, with slight degenerative disc disease on margins same. 
Rib; Mild pitting in facet one left rib. 
UPPER LIMB: Large robust bones. Hand bones very large. 
   Clavicle 15.1cm length; sight pitting dorso-inferior mesial articular surface, & mild in dorsal margin lateral articular surface. 
Scapula; slight exostoses on lateral margins of right deltoid attachment. 
Radius; left pronator teres attachments shows slight exostoses. 
AGE: adult >50 yr. 
SEX: * male
PATHOLOGY SUMMARY: ante mortem tooth loss; hypoplasia; exostoses – radius shaft; osteophytes – C1 anterior facet, right glenoid, left distal ulna, right carpal, left 1st MP joint (hand), 3 left prox. IP joints (hand), right acetabulum; pitting – right sterno clavicular, right acromion clavicular, left rib facets; degenerative disc disease – 1L; morphological variation – mandibular M3 slightly triangular form, wormian bone 
CONDITION: Crown enamel only.

context 4658  
Grave 4659. In situ.
AGE: adult c. 20-30 yr. 
SEX: ??female
PATHOLOGY SUMMARY: calculus; morphological variation – mandibular M2s and M3s 5-cusp 
CONDITION: Crown enamel only.
context 4662
Grave 4657. In situ.
SKULL: Very degraded but little apparent external occipital protuberance (2).
AGE: subadult/adult >15 yr.
SEX: ??female
CONDITION: Heavily degraded bone (5-5+) increasingly turning to dust.

context 4676
Grave 4619. In situ. NB. bags erroneously labelled SLT00. Sheet also describes it as crouched which it is not, upper body is not flexed & arms are extended, only legs are flexed & then only “90 degrees from hip & slightly more acute at knee, otherwise this is supine, possibly slightly on left side.
SKULL: Mandible – robust, squared mental protuberance (5), strong, broad arch.
Max. c. 6mm exposure of root in anterior teeth. Fragment lateral left condyle & neck with 5.5mm deep rim osteophytes on dorsal margins of condyle; c. 3mm thick; lateral side (all there is) of head seems flattened & enlarged a-p.
Very broad supra-orbital margins (5), heavy brow ridge (5). Strong continuations zygomatic roots; large, robust zygomatic arches; broad, heavy malars.
AXIAL SKELETON: Cervical; large atlas. Lesions slight-mild.
Thoracic; slight osteophytes & surface new bone on margins one inferior articular process.
Lumbar; lesions generally slight-mild with more extensive lesions & surface modification in some facet.
Sacrum; spine only.
Innominate: Very small fragments left & right pubic symphyses; no surface pattern in fragments remaining, relatively smooth surface, marked but not strong borders (ventral – left - or dorsal - right). Very small fragment right greater sciatic notch, angle unclear but tending acute (4). Iliac crests strong & broad but no excessive exostoses.
UPPER LIMB: Bones clearly large & robust but very poorly preserved. Less that 1/8th of all right shafts remain (i.e. 1/8th for all three together); left slightly more but very fragmentary & probably max. c. half f each shaft remains.
LOWER LIMB: Large, robust long bones, very large foot bones. Left in poor condition & heavily fragmented by longitudinal splitting.
Left 1st metatarsal head 25.8mm p-d; >26.5mm m-l.
Femur; right warped; strong linea aspera.
Patella; slight exostoses on anterior surface.
Tibia; right proximal shaft, slight disruption of normal contours in medial surface just inferior to tubercle & on dorsal margins of surface. c. 20 x 15mm area smooth new bone, possibly exostoses smoothed into 2-3 small upstanding smooth ‘spicules’ along line collateral ligament attachment.
Fibula; disruption in line of shaft along medial-posterior margins of right proximal shaft c. 30mm inferior to head (missing) at upper end of soleus attachment; smooth bony callus over min. 15mm length, 7mm width, 3mm height. X-ray shows well headed lateral fracture.
AGE: adult >50 yr.
SEX: *male
PATHOLOGY SUMMARY: calculus; osteophytes - C1 articular surface, 1C
articular process, 1C body surface margins, 1T articular process, min. 1 L articular processes, left temporo-mandibular, left distal humerus & proximal ulna, left prox. IP joint (hand), right hip, right knee; pitting – 2L articular processes; eburnation – 1L articular process; exostoses – patella, right proximal tibia; callus – right proximal fibula shaft (fracture)

CONDITION: Iron panning with staining to bone and ‘lumps’ stuck on to some fragments. Degraded but variable, skull 4-5 (endo- & exocranial- plates commonly separated.; axial 4-5; upper limb 5; lower limb 3-4; much of trabecular bone gone, most in lower limb. Much longitudinal splitting.

context 4678
Grave 4677. Grave fill no., ?bone from sample. No bone from 4679 ‘skeleton’ number which those here would match.
AGE: adult c. 20-30 yr.
SEX: ??male
PATHOLOGY SUMMARY: hypoplasia
CONDITION: Crown enamel only, scraps of root survive in part.

context 4681
Grave 4680. Grave fill- no samples taken? Suspect this should be numbered since this is where the bone is mentioned.
No sheets or other records.
LOWER LIMB: From drawings it appears these 4 scraps of degraded long bone should be lower limb. Morphology very poor but do not look likely to be either femur or tibia .. ?fibula.
AGE: subadult/adult >13 yr.
SEX: ?
CONDITION: Heavily degraded 5.

context 4682
Grave 4680.
No sheets or other record.
AGE: subadult/adult >13 yr.
CONDITION: Heavily degraded fragments (mostly bags of dust) of long bone shaft – from one ‘decent’ piece suspect femur, from conservation.

context 4689
Grave 4688. In situ.
AGE: adult c. 30-45 yr.
SEX: ?
CONDITION: Crown enamel only.

context 4697
In situ remains from grave 3944, lifted with sword.
Sheet only.
AGE: adult
SEX: ?
CONDITION: Heavily eroded (5).
COMMENT: ?supposed to be 2 teeth from here. Bone covered in consolidant. Green copper-alloy staining at proximal end; black staining/adherence on rest.

**context 4701**
Grave 4699. ‘Coffin’ no. – no mention of bone or sample taken. No record of bone position.
AGE: adult c. 20-30 yr.
SEX: ??male
PATHOLOGY SUMMARY: hypoplasia; calculus

**context 4717**
Grave 4665. *In situ*
AGE: adult c. 20-30 yr.
SEX: ?
PATHOLOGY SUMMARY: calculus
CONDITION: Heavy degraded vault fragments, crown enamel.

**context 4724**
Grave 4655. *In situ.*
SKULL: Coronal and sagittal almost fully fused.
AGE: adult c. 20-30 yr.
SEX: ??male
PATHOLOGY SUMMARY: hypoplasia; calculus; morphological variation
mandibular M3 5 cusp
CONDITION: Crown enamel & degraded (plates separated) bone (4-5+).

**context 4727**
Grave 4726. *In situ.*
AGE: juvenile c. 7-10 yr.
SEX: ?
CONDITION: Degraded (eroded & root marked) 4.

**context 4899**
NB. This is the wrong number – may be 4599 from grave 4597?
NO sheets or other records.
SKULL: c. 12 small, heavily degraded (5+) fragments skull inc. left petrous temporal and fragment mastoid process.
AGE: >5 yr.
SEX: ?
CONDITION: 5+
context 6204
Grave 6206. *In situ.*
AGE: subadult/adult c.17-20 yr.
SEX: ??male
PATHOLOGY SUMMARY: hypoplasia; calculus
CONDITION: Crown enamel only.

context 6230
Grave 6231. *In situ.*
SKULL: Small-medium pointed mastoid processes (2-3). No external occipital protuberance (1). Sutures c. 1/8th fused max.
AXIAL SKELETON: Axis; odontoid process – 11.6mm wide, 12.1mm deep; large facet.
Innominate; (NB. recorded on site as left). Acute greater sciatic notch (3-4). Billowing evident in inferior of auricular surface.
LOWER LIMB: Femur; head fully fused. Epiphyseal line from fusion greater trochanter evident.
AGE: subadult/adult c. 17-19 yr.
SEX: *male
PATHOLOGY SUMMARY: caries; hypoplasia; calculus
CONDITION: variable, illustrated bone 1-4, rest 5+. Mostly tooth crowns, some root.
II. 2 Cremated Bone

See Table 00 for bone weights and percentage distribution by sieve fraction and identifiable skeletal elements, and maximum fragment sizes.

SLT98

context 5

Truncated urned burial, grave 6. 2 accessory vessels.
SKULL: Premolar root fragment. Fragment mandibular molar root.
Mandible – 3 small fragments body with minimum 1 molar socket & 2 anterior sockets. Inferior dorsal border fragment.
Right articular tubercle. 2 articular fissures. Fragments left & right petrous temporals (W1 = 10.9mm). Fragment frontal crest & foramen caerorum. Fragment left frontal vault, min. slight ridge (2-3).
Vault; 47 fragments, sutures ½ - fully fused. 1a = 5mm.
Rib; shaft fragment.
UPPER LIMB: Clavicle, medial shaft fragment.
Fragments humerus (6) & ulna (2) shaft.
Fragments 2 metacarpal shafts
Proximal phalanx base fragment.
LOWER LIMB: Fragments femur (10, pronounced but not large linea aspera) and tibia (8) shaft fragments.
Patella; fragment left.
AGE: adult >30 yr.
SEX: ?

context 49

Fill of truncated pit 15 (0.09m deep) containing remains of three vessels. Excavators has put same description of several sheets so its difficult to be sure where the bone really was, i.e. in the pit fill as suggested by its numbering, or from the vessel context 52 as implied by the sketch on the context records sheet. There is no bone from any of the vessel contexts. The PO in post-excavation has suggested the bone was probably originally in vessel context 52, but this cannot be stated conclusively.
SKULL: Fragment occipital vault.
AGE: subadult/adult >13 yr.
PYRE GOODS: 0.4g animal bone.

context 56

Cleaning layer over grave 20. see 58.
LOWER LIMB: Metatarsal shaft fragment.

context 58

Fill of truncated pit 20 (c. 1/3rd – ½ remains; no depth recorded); remains of urned burial with accessory vessel.
SKULL: Vault; 3 fragments (1 blue/grey).
AXIAL SKELETON: Innominate; fragment right pubic symphysis, angle tending
obtuse (3), no surface billowing, pitting in surface, strong lipping on dorsal
border & fairly pronounced ridge on ventral border.
UPPER LIMB: Ulna; shaft fragment.
LOWER LIMB: Talus fragments.
   Fragments metatarsal shaft (5th), base with shaft fragment (right 4th).
AGE: adult >45 yr.
SEX: ?female

context 59
Bone & fuel ash spread throughout fill of grave cut 14, 0.54m diameter,
0.13m deep (there is only c. 50g bone so spread pretty thin). 4 vessel from this, bone
in one of them – see 60 & 62. This context probably redeposited pyre debris.
<8> upper disturbed fill
SKULL: Small fragment inferior of right nasal process – could join that from 60.
   Vault; 3 small fragments.
AXIAL SKELETON: Rib; left shaft fragment with facet.
UPPER LIMB: Humerus; 3 fragments shaft.
   Radius; fragment head. Shaft fragment. Small fragment distal articular
surface.
LOWER LIMB: Femur; 2 fragments shaft.
   Talus fragment.
GRAVE GOODS: 1.9g unburnt animal (?,pig) molar.
<11> lower in situ fill
UPPER LIMB: Radius; 3 fragments shaft.

AGE: adult >18 yr.
SEX: ?
GRAVE GOODS: Unburnt animal

context 60
Disturbed urned burial (0.13m deep) – 3 accessory vessels. See 59 – grave fill
& 62 from other vessel.
SKULL: Mandible – ramus fragment. 2 small fragments body with apices of min. 2
sockets.
Right malar process, relatively narrow. Left and fragment right nasal process (see
59).
Vault; 40 fragments, sutures c. ¼ fused. 1a = 4.2mm.
AXIAL SKELETON: Atlas; fragment transverse process.
   Cervical/thoracic; body fragment.
Thoracic; articular process pair.
Lumbar; fragments minimum 1 body.
Sacrum; fragment 5th body.
Rib; 13 fragments shaft. Fragments 2 right shafts with facets.
Innominate; fragments ilium including crest with epiphyseal line still evident. 3
fragments acetabulum.
UPPER LIMB: Clavicle; fragments minimum 1 gracile shaft.
   Scapula; fragment acromion neck.
Humerus; small fragment head, 2 fragments shaft.
Radius; fragment smallish head c. 17-18mm diameter. 3 fragments shaft.
Ulna; 2 fragments shaft.
LOWER LIMB: Femur; fragment head with notch. Fragment lesser trochanter. 7 fragments shaft. Distal articular surface fragment.
Patella; fragment small right ; W= 35.1mm.
Tibia; 2 fragments shaft.
Metatarsal head with shaft fragment.
AGE: adult c. 18-25 yr.
SEX: ??female

context 62
From fill 2nd vessel in grave 14 – see 60. Badly disturbed vessel (condition of vessel unknown so cannot tell if bone was from in situ base of vessel or amongst frags) to north of urned burial 60. ?inclusion of bone in here accidental or deliberate.
SKULL: Fragment left postglenoid tubercle & superior margin external auditory meatus.
Vault; 10 small fragments. 1a = 3.7mm.
UPPER LIMB: Clavicle; shaft fragment.
AGE: adult
SEX: ?
PYRE GOODS: 3.5g animal bone.

context 67.
Cleaning layer over grave 12. See 68.
AXIAL SKELETON: Thoracic/lumbar; body fragment.
AGE: adult >21 yr.
SEX: ?

context 68.
Remains ?urned burial in grave 12. No context record - sketch suggests >half vessel survives but grave supposedly badly truncated & only 0.09m depth survives?
SKULL: Fragment right supra-orbital, narrow margin (2), no orbital lesions. 2 fragments mastoid. Frontal fragments with crest.
Vault; 67 fragments, sutures min. ½ fused. 1a = 4.7mm.
AXIAL SKELETON: Thoracic/lumbar body fragment.
Innominate; fragment ilium around greater sciatic notch (cannot see angle).
Acetabulum fragment.
UPPER LIMB: Humerus; neck fragment. Shaft fragment. Fragments distal articular surface.
Radius; fragment small left distal articular surface.
Fragment metacarpal head. Fragments 2 proximal/middle phalanges heads with shafts. Middle phalanx head fragment. Distal phalanx head with shaft.
LOWER LIMB: Fragments femur (4) and tibia (1) shaft.
Talus fragment.
AGE: adult >25 yr.
SEX: ?female

context 69
Fill from base of grave cut 12 ... suspect vessel was originally on base of cut & this has got there due to vessel being moved by the plough (see sketch & position of vessel). Grave fill or spill?

**AXIAL SKELETON:** Thoracic/lumbar body fragment with mild horizontal osteophytes.

**AGE:** adult >40 yr.

**SEX:** ?

**PATHOLOGY SUMMARY:** osteophytes – vertebral body surface margins.

**context 82**

cleaning layer over grave 21. See 83/4.

**SKULL:** Vault; 2 small fragments.

**AGE:** subadult/adult >13 yr.

**context 83/84**

Remains of urned burial & grave fill, grave cut 21. Badly truncated, 0.06m depth survived.

**SKULL:** Small fragment petrous temporal.

**AXIAL SKELETON:** Cervical/thoracic; body fragment.

**UPPER LIMB:** Humerus; 2 fragments shaft.

**LOWER LIMB:** Femur; 18 fragments shaft. Distal articular surface fragments.

**Tibia:** 4 fragments shaft.

**AGE:** adult >18 yr.

**SEX:** ?

**context 85**

Fill grave 16. Probably redeposited from disturbed burial 86.

**LOWER LIMB:** Femur; shaft fragment.

Calcaneum fragment.

**context 86**

Truncated urned burial in grave cut 16. Vessel supposed fairly intact but only 0.07m depth survived? & bone visible on surface.

**AXIAL SKELETON:** Innominate; ilium fragment

**UPPER LIMB:** Humerus; 3 fragments shaft.

**LOWER LIMB:** Femur; 2 fragments shaft. 5 fragments minimum 1 distal articular surface.

**Tibia:** right proximal shaft & articular surface fragment. Condyle fragments. 3 fragments shaft inc. one with tuberosity.

**AGE:** adult

**SEX:** ?

**context 96**

Remains urned burial in grave cut 19. Heavily truncated only 0.06m survived (check), bone visible at surfaces.

**SKULL:** Malar body fragment.
UPPER LIMB: Ulna; left distal head, relatively large.
LOWER LIMB: Femur; fragment neck. Head fragment.
AGE: adult >20 yr.
SEX: ??male

context 100
    cleaning over grave cut 22.
LOWER LIMB: Femur; 2 fragments shaft.
INCLUSION: small fragment immature animal bone (<0.1g)

context 101
    Remains urned burial grave cut 22 (0.05m deep). Truncated & crushed by ploughing and machining.
SKULL: Vault; 1 very small fragment.
AXIAL SKELETON: Thoracic/lumbar body fragment with uneven horizontal osteophytes (mild-moderate) on margins.
UPPER LIMB: Humerus; shaft fragment.
LOWER LIMB: Femur; 14 fragments shaft (few blue inside).
    Fragments tibia (1) and fibula (2) shaft.
Navicular fragment (right).
AGE: adult >40 yr.
SEX: ?
PATHOLOGY SUMMARY: osteophytes - vertebra

context 336
    Fill of pit 337, 0.21m deep. Contains smashed and spread (over 0.58 x 033m) remains of an urned burial with redeposited pyre debris. As this was one of the deepest ‘graves’ either this was deliberately pulled out, smashed up and mixed in redeposition or the vessel was never whole to start with & the original deposit was a mix? ...?grave robbing in antiquity.
SKULL: Fragments minimum 1 mandibular incisor root, 1 premolar & 1 maxillary molar.
Vault; 159 fragments, sutures generally 2/3 fused. 1a = 4.5mm.
AXIAL SKELETON: Atlas; fragment right superior articular surface & posterior arch. Axis; fragment odontoid process (blue inside). Cervical; small fragment small body. Fragments 9 articular processes. Thoracic; body fragment. Fragments 16 articular processes, 1 with slight osteophytes on facet margins.
Lumbar; body fragment.
Rib; 43 fragments shaft.
Innominate; fragments ilium with crest – one with visible epiphyseal line?2 fragments auricular surface. Fragment acetabulum.
UPPER LIMB: Clavicle; shaft fragment.
Scapula; body fragment.
Humerus; 3 small fragments head. 21 fragments shaft.
Radius; 5 fragments shaft. Distal articular surface fragment.
Ulna; fragment right coronoid surface.
Metacarpal; 4 fragments head. 2 shaft fragments.
Proximal phalanx base fragment, head with shaft fragment. Fragments 4 middle phalanges heads with shaft fragments – small 2.6mm destructive lesion in one side of one head, smooth margins. 3 distal phalanges heads with shaft fragment (1 grey).
LOWER LIMB: Femur; 33 fragments shaft (few slightly grey), moderate linea aspera. Fragment distal articular surface.
Tibia; fragments proximal condyle (1 grey). 14 fragments shaft. Fragment distal articular surface.
Fibula; 7 fragments shaft.
Fragment calcaneum posterior surface with slightly exostoses. Fragments minimum 1 talus. Intermediate cuneiform fragment (small). Metatarsal shaft fragment.
Part of small sesamoid (blue/grey).
AGE: adult >30 yr.
SEX: ??female
PATHOLOGY SUMMARY: osteophytes – thoracic articular process; destructive lesion – finger phalanx; exostoses – calcaneum; morphological variation – wormian bone
PYRE GOODS: Very small fragment ?animal bone 0.1g
SLT98C

context 1030
   Fill inhumation grave 1031.
   LOWER LIMB: Tibia; shaft fragment.
   AGE: subadult/adult >13 yr.

context 1118
   Fill inhumation grave 1137.
   SKULL: Vault fragment.
   UPPER LIMB: Ulna shaft fragment.
   AGE: subadult

context 1155
   Fill inhumation grave cut 1154.
   UPPER LIMB: Humerus; shaft fragment.
   AGE: subadult/adult

context ? SLT98
   No number on bag – check and see where should have bone from & haven’t?
   Currently U/S.
   SKULL: Mastoid fragment. Fragment posterior zygomatic rich.
       Vault; 5 fragments relatively thin vault.
   UPPER LIMB: 2 fragments metacarpal shaft.
   LOWER LIMB: Femur; 2 fragments shaft.
   AGE: subadult/adult
context 2208/2209
Fills of cut 2210, ?1.0 x 0.30m (0.94 x 0.82m?), 0.30m deep; 2208 comprised upper fill and 2009 lower but both were sampled as one in one half <18>, <25> being other half of 2208 only.
‘Dark burnt soil’ (?meaning fuel ash rich or burnt soil) components apparently mixed. ?unurned burial + rpd or ?redeposited pyre debris.

<18>
SKULL: Vault; 2 small fragments.
UPPER LIMB: Ulna; styloid process.
AGE: subadult/adult

<25>
SKULL: Vault; 8 small fragments.
UPPER LIMB: Humerus; shaft fragment. Distal articular surface fragment.
Middle phalanx head with shaft fragment.
LOWER LIMB: Femur; shaft fragment.
AGE: subadult/adult
SEX: ?
CONDITION: Charcoal stained.

context 2216
Fill cut 2215. Compact deposit ?mixed cremated bone & fuel ash-rich, mostly in upper half of fill; 0.10m deep, 0.38m diameter. Looks like badly truncated - ?remains unurned burial + redeposited pyre debris OR just redeposited pyre debris?
SKULL: 2 very small fragments tooth root apices.
Fragment right external auditory meatus margin (superior). Fragment large mastoid process.
Vault; 30 small fragments.
AXIAL SKELETON: Rib; shaft fragment.
Innominate; acetabulum fragment.
UPPER LIMB: Clavicle; shaft fragment.
Humerus; fragment sigmoid notch.
Distal phalanx head with shaft fragment.
LOWER LIMB: Femur; shaft fragment.
Sesamoid bone fragment.
AGE: adult
SEX: ?

context 2232
Fill cut 2232, 0.40m diameter, 0.20m deep. Frequent fuel ash & bone - ?distribution.
SKULL: Premolar root & fragment min. 1 other root.
Mandible – small fragment body with minimum 2 sockets. Fragment right petrous temporal.
Occipital fragment with small/neg. external occipital protuberance (2). Fragment pointed left mastoid process. Articular fissure.
Vault; 20 fragments. 1a = 3.6mm.
AXIAL SKELETON: Cervical; 2 articular process pairs, 1 articular process; spine fragment.
Thoracic; fragments 3 articular processes, 2 with spine fragments.
Lumbar; spinal process fragment.
Rib; 4 fragments shaft inc. 1 right with facet.
Innominate; fragments ilium with fused crest.
UPPER LIMB: Humerus; head fragment. 9 fragments shaft. Distal articular surface fragment.
Radius; fragment head diameter >19mm.
Ulna; fragment left coronoid surface.
Metacarpal head fragment. Fragments 2 proximal phalanges heads with shaft. Middle phalanx head with shaft fragment – uneven mild osteophytes on all margins. Distal phalanx head with shaft fragment.
LOWER LIMB: Femur; 4 fragments shaft. 2 fragments distal articular surface.
Patella; fragments anterior surface with mild exostoses.
Tibia; proximal condyle fragment. 3 fragments shaft.
Fibula; 2 fragments shaft.
Fragments calcaneum and talus. Proximal phalanx base with shaft fragment.
AGE: adult >35 yr.
SEX: ??female
PATHOLOGY SUMMARY: osteophytes – middle finger phalanx; exostoses – patella
PYRE GOODS: 5g animal bone (?sheep).

context 3007
Fill cut 3008. True extent of deposit unclear due to lack of dimensions & no scale on sketch ... plan no give is pre-exc. only at 1:100. Clearly deposit was confined to a central area of the cut prob. c. 0.25-0.30m diameter, 0.19m deep. Frequent fuel ash & bone, ‘mixed by worm & root action’ (sectional excavation would have helped here). Probably unurned burial + redeposited pyre debris .
SKULL: Fragments minimum 2 mandibular incisor roots, 2 I/C/P roots & minimum 2 maxillary molar roots.
Mandible – right ramus fragment with coronoid process, sigmoid notch & condyle neck, process short & sharp. Fragment matching left coronoid process. Anterior labial body fragments with mild-moderate spines. Right disto-labial body fragment with M1-3 sockets. 2 small fragments body, one with sockets.
Maxilla – left half anterior palate with I1-PO2 sockets.
Left articular tubercle and fragment one other. Fragments right nasal process. Mastoid fragment. Superior of left malar process. Right lateral supra-orbital with medium-broad margin (3-4).
Vault; 62 fragments (c. 6 blue/grey). Sutures up to ¼ fused.
AXIAL SKELETON: Atlas – left articular surfaces, relatively small. Axis; fragment small odontoid process. Fragment body with right articular surface (small body). Cervical; 2 small bodies. 3 articular process pairs & 4 articular process.
Spinal process.
Thoracic; fragments 2 bodies; 10 articular processes. 2 spinal processes.
Lumbar; fragment body. Fragment articular process.
Rib; 22 fragments shaft. Fragments 2 left heads, one right shaft with facet.
Innominate; small fragment greater sciatic notch, angle tending obtuse (3). Fragment small ischial crest. Iliac crest (fused) fragment. Fragment right auricular surface.

UPPER LIMB: Clavicle; shaft fragments (2).
Scapula; fragment acromion neck.
Humerus; 3 fragments head. 7 fragments shaft. Distal articular surface fragments.
Radius; 4 fragments shaft. Left distal shaft with fragment articular surface. Ulna surface fragment.
Ulna; fragment right proximal shaft with coronoid & radial surface. Coronoid fragment. Shaft fragment. Small left distal shaft fragment with head & process. Fragments very small left & right scaphoids. Fragment small trapezoid. 4 metacarpal heads; 5 fragments shaft. 2 proximal phalanges heads, 1 head with shaft fragment & 2 shaft fragments. Middle phalanx, fragments minimum 4 heads with shaft fragments, 2 bases with shaft fragment. 4 distal phalanges inc. 1st & shaft fragment.
LOWER LIMB: Femur; 16 fragments shaft. 2 distal articular surface fragments.
	Patella; fragment (grey).
Tibia; 6 fragments shaft. Small distal articular surface fragment.
Fibula; 5 fragments shaft. Fragment right distal head.
Fragments talus, navicular, cuboid & intermediate cuneiform. Metatarsal base with shaft fragment, 3 shaft fragments. 3 proximal phalanges heads with shaft fragments, inc. 1st. Middle phalanx shaft fragment. Distal phalanx.
AGE: adult c. 25-40 yr.
SEX: ?female
CREMATION: blue/grey – few vault; grey - patella

context 3115
Fill pit 3116; 0.58m diameter, 0.17m deep. Supposed uniform fill, fuel ash-rich?. redeposited pyre debris?
SKULL: Vault fragment. 1a = 3.6mm.
LOWER LIMB: Patella; fragment anterior surface, very slight exostoses.
AGE: adult
SEX: ?
PATHOLOGY SUMMARY: exostoses – patella
CONDITION: charcoal stained.

context 3701
From cut 4757. No details about the deposit other than it contained pottery & wasn’t fully excavated ...
SKULL: Vault fragment.
UPPER LIMB: Radius; shaft fragment.
AGE: subadult/adult

context 3704
Fill ?grave cut 3705. 0.28m deep deposit, c. 0.80-0.90m diameter. Common fuel ash & cremated bone – no info. on distribution of components and all recovered in single block. ?Unurned burial + redeposited pyre debris or redeposited pyre debris?
SKULL: C/P root fragment & fragments minimum 1 maxillary molar root.
Maxilla – fragment left palate, no indication of any sockets which suggests at least some ante mortem tooth loss.
Very small, gracile left zygomatic arch fragment. Left postglenoid tubercle & external auditory meatus fragment. Mastoid fragment.
Vault; 60 fragments (7 slightly blue/grey & less well preserved). 1a = 3.3mm. Sutures open. 3 wormian bones, max. 16 x 18mm.
AXIAL SKELETON: Cervical; 2 articular process fragments.
Thoracic; body fragment with rib facet & articular process. 7 articular processes. Spine fragment.
Sacrum?; unclear exactly what this is but it looks most likely to be sacrum, possibly superior surface of .... several fragments grossly modified surface with pitting & new bone creating a slightly ‘melted’ appearance, all fine grained.
Rib; 11 fragments shaft.
Left greater sciatic notch, moderate angle, tending acute (3-4). Iliac crest fragment.
UPPER LIMB: Scapula; fragment acromion neck.
Humerus; 3 small fragments head. 15 fragments shaft inc. neck. Distal articular surface fragment with mild pitting & slight new bone along a-p margin between surfaces.
Radius; small fragment head. 6 fragments shaft inc. distal posterior.
Ulna; 6 fragments shaft inc. proximal with tuberosity. Small fragment small distal head with shaft.
Fragments 3 metacarpal heads, 4 fragments shaft. Proximal phalanx head with shaft fragment. 4 fragments proximal/middle phalanges shafts, 2 heads with shafts. Fragments minimum 6 middle phalanges heads with shaft fragments; one with slight osteophytes on at least one side of head; one with remodelled contours, extended laterally & medially, slight osteophytes on margins of head, especially one palmar side, small (c. 4.5mm diameter) area of eburnation and pitting in one side of head (PHOTO). Distal phalanx with slight osteophytes on articular surface margins & pitting in surface, fragment base & shaft with same but slightly heavier lesions; 3 heads with shaft fragments
LOWER LIMB: Femur; head fragment. 20 fragments shaft. Distal articular surface fragment.
Patella fragment.
Tibia; fragment condyle. 6 fragments shaft.
Fibula; 7 fragments shaft. Small fragment distal head with shaft.
Talus fragments. Fragment 5th metatarsal base with shaft; shaft fragment. 2 proximal phalanges heads with shaft fragments. Fragment right distal phalanx (very small!).
AGE: adult >40 yr.
SEX: ??female
PATHOLOGY SUMMARY: ?ante mortem tooth loss; ?infection - ?sacrum; osteoarthritis – middle finger phalanx; osteophytes – distal humerus, middle finger phalanges; pitting – distal humerus
CONDITION: Charcoal stained.

context 3708
Central fill 3709 (‘rest ‘contamination’). 0.20m depth, c. 0.60m wide. Common fuel ash, rare cremated bone. Distribution of components not recorded &
cannot deduce since all lifted as one but looks most like redeposited pyre debris with only 18g bone.
SKULL: Vault; 5 small fragments.
AXIAL SKELETON: Atlas; small fragment anterior arch with facet, slight osteophytes on facet margins. Cervical articular process pair, one facet with uneven, mild margins osteophytes and slight surface pitting.
AGE: adult >40 yr.
SEX: ?
PATHOLOGY SUMMARY: osteophytes – cervical; pitting – cervical articular process.

context 3711
Cut number not fill – presumably should be 3710. Heavily truncated deposit, 0.07m max. Frequent cremated bone. ?Remains of unurned burial.
SKULL: Minimum 1 mandibular incisor root; premolar root with flat but angled (45% labial/palatal) occlusal wear.
Mandible – fragment anterior ramus border; fragment sigmoid notch.
Vault; 70 fragments. 1a = 6.2mm.
AXIAL SKELETON: Thoracic; articular process fragment with moderate marginal osteophytes and mild pitting in surface.
Thoracic/Lumbar; body fragment with c. 3mm moderate osteophytes, uneven horizontal form surface.
Rib; 4 fragments shaft.
UPPER LIMB: Scapula; acromion neck fragment.
   Fragments radius (2) and ulna (3) shaft.
Metacarpal shaft fragment. Middle phalanx shaft fragment.
LOWER LIMB: Femur; 7 fragments shaft.
   Tibia; fragment proximal condyle. Shaft fragment.
AGE: adult >40 yr.
SEX: ??male
PATHOLOGY SUMMARY: osteophytes – T/L body surface margins, T articular process; pitting – T articular process.

context 3721
Redeposited in modern trench.
SKULL: Mandibular incisor root.
AGE: adult
SEX: ?

context 3725
Post hole fill + fragments fuel ash.
SKULL: Vault; 2 small fragments.
AGE: >infant c. 8yr. +
**context 3731**  
Fill inhumation grave cut 3741  
SKULL: Small fragment vault. 1a = 4.6mm  
AGE: adult  
SEX: ?

**context 3750**  
Fill inhumation grave cut 3751  
SKULL: Vault; 6 fragments. 1a = 2.7mm  
LOWER LIMB: Femur; 4 fragments shaft. Fragment greater trochanter.  
Fragments tibia & fibula shaft.  
AGE: adult  
SEX: ?

**context 3752**  
Fill of pit 3753, 0.50m diameter, 0.28m deep. Common fuel ash inclusions & ‘common’ (6.2g in this size of pit?) cremated bone. Distribution of components not recorded but could mean looked ‘common’ at surface (i.e. all there) or could come from looking at the section (?was one done), unlikely to be observations made during excavation.  
Most likely redeposited pyre debris  
SKULL: Vault; 5 small fragments.  
LOWER LIMB: Fragments tibia and fibula shaft.  
AGE: subadult/adult >13 yr.  
SEX: ?

**context 3776**  
Fill of heavily truncated cut 3777, 0.62 x 0.38m, 0.03m deep. Rare cremated bone ... no mention of fuel ash inclusions but description mentions ‘ash’ & ‘pyre remains’ ... records unclear and confused due to language problems. Cremation-related deposit.  
SKULL: Vault; fragment.  
UPPER LIMB: Humerus; shaft fragment.  
AGE: subadult/adult  
SEX: ?

**context 3782**  
Fill inhumation grave cut 3764.  
SKULL: Vault fragment. Sutures open.  
AGE: subadult/adult  
SEX: ?

**context 3805**
Fill of cut 3806 – within centre of cut, dimensions not know since not given but c. 0.20m diameter, no depth stated (probably shallow). Cremated bone (5.5g only) and fuel ash. Cremation-related deposit.

**SKULL: Canine root. Fragments minimum 1 other root.**

Vault; 4 small fragments.

AGE: subadult/adult

SEX: ?

**context 3809**

Fill around 3805.

**SKULL: Vault; 5 small fragments.**

AGE: >infant

**context 3865**

Fill inhumation grave cut 3864.

**SKULL: Vault fragment. 1a = 4.4mm.**

**UPPER LIMB: Scapula; acromion neck fragment.**

**Humerus; shaft fragment.**

**LOWER LIMB: Femur; 3 fragments shaft.**

AGE: adult

SEX: ?

**context 3867**

Fill inhumation grave 3866.

**SKULL: Vault; 2 fragments.**

**AXIAL SKELETON: Rib; 2 fragments shaft.**

AGE: subadult/adult

**context 3884**

fill inhumation grave.

**SKULL: Vault; 3 fragments.**

**UPPER LIMB: Fragments humerus (2) and radius (1) shaft.**

**LOWER LIMB: Figments femur and tibia shaft.**

AGE: subadult/adult

SEX: ?

**context 3917**

Fill ditch 3918

**LOWER LIMB: Fibula; shaft fragment.**

AGE: subadult/adult

SEX: ?

**context 3999**

Fill inhumation grave 3998.

**UPPER LIMB: Metacarpal shaft fragment.**
AGE: subadult/adult

**context 4717**

Fill inhumation grave 4665
SKULL: Vault fragment.
AGE: subadult/adult
SEX: ?
INCLUSIONS: 10.4g /13 fragments burnt flint recovered in osteological analysis.