# Quarrying, structured deposition and landscape appropriation in Ewell 

ALEXIS HASLAM and REBECCA HASLAM

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Fig 3 Diagram to show the relationship between land uses and phasing presented in the article (not to scale).


Fig 19 Scatter chart of the isotope values from all bone samples (ribs and femora).


Fig 20 Scatter chart showing all isotope values gained from the analysis (bone and tooth values).
Light green are the values from bone samples (ribs and femora), dark blue are the values gained from the tooth samples. No great value difference can be seen between bone and tooth samples with one exception, from Inhumation 1.


Fig 21 Scatter chart showing the values from the articulated remains Inhumation 1 (light green), Inhumation 7 (orange) and infant $\mathrm{A}[289$ ] from Quarry 2 Infill Event 3 (light blue).


Fig 22 Age distribution from epiphyseal fusion for major taxa within Quarry 1 Infill Event 1. N=total number of identifiable bones (shown in brackets).


Fig 23 Age distribution for major taxa within Quarry 1 Infill Event 2. N=total number of identifiable bones (shown in brackets).


Fig 24 Age distribution for major taxa within Quarry 1 Infill Event 3. N=total number of identifiable bones (shown in brackets).


Fig 25 Quantification of all pottery.


Fig 26 Quantification of Period 4 pottery.


Fig 27 Period 4 forms by \% EVEs.


Fig 29 Quantification of Period 5 pottery.


Fig 30 Period 5 forms by \% EVEs.


Fig 37 Chronological distribution of Roman coins from Ewell Sites A and B compared with Reece's $(1995,183)$ and Walton's $(2011,420)$ British means.


Fig 38 Chronological distribution of Roman coins from Ewell Sites A and B compared with coins from Chichester (Reece 1991, site 14), Gloucester (Reece 1991, site 49), and Sea Mills (Reece 1991, 59).


Fig 42 Location of test pits $1-30$ and distribution of $5 \mathrm{~m}^{2}$ areas subject to controlled surface collection of worked flint.

Table 5 Table showing non-metric traits of the early Roman adults (Period 4)

| Non-metric trait | Skeleton [96] | Skeleton [129] | Skeleton [205] | Skeleton [377] |
| :---: | :---: | :---: | :---: | :---: |
| Cranial non-metric traits |  |  |  |  |
| Metopic Suture | 0 | 1 | Required element not present | 1 |
| Supraorbital Notch (Left / Right) | 1/1 | 1/0 | Required element not present | 1/1 |
| Supraorbital <br> Foramen (L/R) | 0/0 | 0/1 | Required element not present | 0/0 |
| Infraorbital suture (L/R) | Required element not present | Required element not present | Required element not present | 1/1 |
| Multiple Infraorbital Foramina (L/R) | Required element not present | Required element not present | Required element not present | 0/0 |
| Zygomatico-facial Foramina (L/R) | Required element not present | Required element not present | Required element not present | 1/1 |
| Parietal Foramen (L/R) | Required element not present | 0/0 | Required element not present | 1/1 |
| Epipteric Bone (L/R) | Required element not present | Required element not present | Required element not present | 0/0 |
| Coronal Ossicle (L/R) | Required element not present | 0 / Right element not present | Required element not present | 0/0 |
| Bregmatic Bone | Required element not present | Required element not present | Required element not present | 0 |
| Sagittal Ossicle | Required element not present | 0 | Required element not present | 1 |
| Apical Bone | Required element not present | Required element not present | Required element not present | 1 |
| Lambdoid Ossicle <br> (L/R) | Required element not present | 0/0 | Required element not present | 1/1 |
| Asterionic Bone (L/R) | Required element not present | 0 / Right element not present | Required element not present | 0 / Right element not present |
| Ossicle in OccipitoMastoid Suture (L/R) | Required element not present | Required element not present | Required element not present | 0/0 |
| Parietal Notch Bone (L/R) | Required element not present | 0 / Right element not present | Required element not present | 0/0 |


| Non-metric trait | Skeleton [96] | Skeleton [129] | Skeleton [205] | Skeleton [377] |
| :---: | :---: | :---: | :---: | :---: |
| Inca Bone | Required element not present | 0 | Required element not present | 0 |
| Condylar Canal (L/R) | Required element not present | Required element not present | Required element not present | Required element not present |
| Divided Hypoglossal Canal (L/R) | Required element not present | Required element not present | Required element not present | Required element not present |
| Flexure of Superior Sagittal Sulcus (R/L/B) | Required element not present | Required element not present | Required element not present | Required element not present |
| Foramen Ovale Incomplete (L/R) | Required element not present | Required element not present | Required element not present | Required element not present |
| Foramen Spinosum Incomplete (L/R) | Required element not present | Required element not present | Required element not present | Required element not present |
| Pterygo-spinous Bridge (L/R) | Required element not present | Required element not present | Required element not present | Required element not present |
| Pterygo-alar Bridge <br> (L/R) | Required element not present | Required element not present | Required element not present | Required element not present |
| Tympanic Dihiscence (L/R) | Required element not present | Required element not present | Required element not present | Required element not present |
| Auditory Exostosis (L/R) | 0/0 | 0/0 | Required element not present | 0/0 |
| Mastoid Foramen (L/R) | Required element not present | Required element not present | 0/0 | Required element not present |
| $\begin{gathered} \text { Mental } \\ \text { Foramen(L/R) } \\ \hline \end{gathered}$ | 1/1 | 0/0 | 0/0 | 0/0 |
| Mandibular Torus (L/R) | 0/0 | 0/0 | Required element not present | 0/0 |
| Frontal grooves <br> (L/R) | Required element not present | 0/0 | Required element not present | 0/0 |
| Ethmoidal foramina (L/R) | Required element not present | Required element not present | Required element not present | Required element not present |
| Supratrochlear Notch or foramen (L/R) | Required element not present | Required element not present | Required element not present | Required element not present |
| Trochlear Spine (L/R) | Required element not present | Required element not present | Required element not present | Required element not present |
| Double occipital condylar facets (L/R) | Required element not present | Left element not present / 0 | Required element not present | 0/0 |
| Paracondylar process | Required element not present | Required element not present | Required element not present | Required element not present |


| Non-metric trait | Skeleton [96] | Skeleton [129] | Skeleton [205] | Skeleton [377] |
| :---: | :---: | :---: | :---: | :---: |
| Bridging of Jugular foramen (L/R) | Required element not present | Required element not present | Required element not present | Required element not present |
| Pharyngeal tubercle | Required element not present | Required element not present | Required element not present | Required element not present |
| Clinoid bridges or spurs (L/R) | Required element not present | Required element not present | Required element not present | Required element not present |
| Accessory lesser palatine foramina (L/R) | Required element not present | Required element not present | Required element not present | 0/0 |
| Palatine torus (L/R) | Left element not present / 0 | Required element not present | Required element not present | 0/0 |
| Maxillary torus (L/R) | Left element not present / 0 | Required element not present | Required element not present | 0/0 |
| Divided parietal bone (L/R) | Required element not present | Required element not present | Required element not present | 0/0 |
| Os Japonicum (L/R) | Required element not present | Required element not present | Required element not present | 0/0 |
| Marginal tubercle (L/R) | Required element not present | Required element not present | Required element not present | 0/0 |
| Mylohyoid Bridge (L/R) | 0/0 | Required element not present | 0/0 | Required element not present |
| Post-cranial nonmetric traits |  |  |  |  |
| Atlas Lateral Bridging (L/R) | 0/0 | 0/0 | Required element not present | Required element not present |
| Atlas Posterior Bridging (L/R) | 0/0 | 1/0 | Required element not present | Required element not present |
| Accessory Transverse Foramina in 7th cervical vertebrae (L/R) | 0/0 | 0/0 | Required element not present | Required element not present |
| Septal Aperture | 0/0 | 0/0 | Required element not present | 0 / Right element not present |


| Non-metric trait | Skeleton [96] | Skeleton [129] | Skeleton [205] | Skeleton [377] |
| :---: | :---: | :---: | :---: | :---: |
| Sixth Lumbar vertebrae | 0 | 0 | Required element not present | 0 |
| Accessory sacroilliac articulation (L/R) | 0/0 | 0/0 | Required element not present | Required element not present |
| Supra scapular Foramen or notch form (L/R) | 0/0 | 0/0 | Required element not present | Required element not present |
| Accessory acromial articular facet (L/R) | 0/0 | 0/0 | Required element not present | Required element not present |
| Unfused acromial epiphysis (L/R) | 0/0 | 0/0 | Required element not present | Required element not present |
| Glenoid fossa extension (L/R) | 0/0 | 0/0 | Required element not present | Left element not present / 0 |
| Circumflex Sulcus (L/R) | 0/0 | 0/0 | Required element not present | Required element not present |
| Sternal foramen | 0 | Required element not present | Required element not present | Required element not present |
| Supratrochlear Spur (L/R) | 0/0 | 0/0 | Required element not present | 0 / Right element not present |
| Trochlear notch form (L/R) | 0/0 | 0 / Right element not present | Required element not present | Required element not present |
| Allen's fossa (L/R) | 0/0 | 0 / Right element not present | Required element not present | Required element not present |
| Poirier's facet or extension (L/R) | 0/0 | 0/0 | Required element not present | 0 / Right element not present |
| Third trochanter (L/R) | 0/0 | 0 / Right element not present | Required element not present | Required element not present |
| Vastus notch (L/R) | Left element not required / 0 | 0/0 | Required element not present | Required element not present |
| Tibia Squatting facets (L/R) | 0 / Right element not required | $0 /$ Right element not present | Required element not present | Left element not present / 0 |
| Talus Squatting facets (L/R) | 0 / Right element not required | 0/0 | Required element not present | Left element not present / 0 |
| Dental non-metric traits |  |  |  |  |
| Shovel shaped incisors (L/R) | 0/0 | 0/0 | Required element not present | 0/0 |
| Carabelli's cusp (L/R) | 0/0 | 0/0 | Required element not present | 0/0 |


| Non-metric trait | Skeleton [96] | Skeleton [129] | Skeleton [205] | Skeleton [377] |
| :---: | :---: | :---: | :---: | :---: |
| Parastyle mandible <br> (L/R) | $0 / 0$ | $0 / 0$ | Required <br> element not <br> present | $0 / 0$ |
| Tuberculum dentale <br> (L/R) | $0 / 0$ | $0 / 0$ | Required <br> element not <br> present | $0 / 0$ |
| Interruption groove <br> (L/R) | $0 / 0$ | $0 / 0$ | Required <br> element not <br> present | $0 / 0$ |
| Peg shape (L/R)$\quad 0 / 0$ | $0 / 0$ | Required <br> element not <br> present | $0 / 0$ |  |
| Bushman canine <br> (L/R) | $0 / 0$ | $0 / 0$ | Required <br> element not <br> present | $0 / 0$ |
| Paracone ridge <br> (L/R) | $0 / 0$ | $0 / 0$ | Required <br> element not <br> present | $0 / 0$ |
| Hyper cone (L/R) <br> Required <br> element not <br> present | $0 / 0$ |  |  |  |
| Enamel extension <br> (L/R) | $0 / 0$ | $0 / 0$ | Required <br> element not <br> present | $0 / 0$ |
| Protoconid (L/R) | $0 / 0$ | $0 / 0$ | Required <br> element not <br> present | $0 / 0$ |
| Hypoconulid (L/R) <br> Required <br> element not <br> present | $0 / 0$ |  |  |  |
| Protostylid (L/R) | $0 / 0$ | Required <br> element not <br> present | $0 / 0$ |  |

Table 6 Table showing non-metric traits for the late Roman and Saxon adults (Periods 5 and 6)

| Non-metric trait | Late Roman Skeleton [204] | Saxon Skeleton [323] |
| :---: | :--- | :---: |
| Cranial non-metric traits |  |  |
| Metopic Suture | Required element not present | 0 |
| Supraorbital Notch (Left / <br> Right) | Required element not present | $1 / 1$ |
| Supraorbital Foramen <br> (L/R) | Required element not present | $0 / 0$ |
| Infraorbital suture (L/R) | Required element not present | $0 / 1$ |
| Multiple Infraorbital <br> Foramina (L/R) | Required element not present | $0 / 0$ |
| Zygomatico-facial <br> Foramina (L/R) | Required element not present | $1 / 0$ |
| Parietal Foramen (L/R) | Required element not present | $1 / 1$ |
| Epipteric Bone (L/R) | Required element not present | $0 / 0$ |
| Coronal Ossicle (L/R) | Required element not present | $0 / 0$ |
| Bregmatic Bone | Required element not present | 0 |
| Sagittal Ossicle | Required element not present | 0 |
| Apical Bone | Required element not present | 1 |


| Non-metric trait | Late Roman Skeleton [204] | Saxon Skeleton [323] |
| :---: | :---: | :---: |
| Lambdoid Ossicle (L/R) | Required element not present | $0 / 0$ |
| Asterionic Bone (L/R) | Required element not present | 1/0 |
| Ossicle in Occipito-Mastoid Suture (L/R) | Required element not present | 0/0 |
| Parietal Notch Bone (L/R) | Required element not present | 1/0 |
| Inca Bone | Required element not present | 0 |
| Condylar Canal (L/R) | Required element not present | 0/0 |
| $\underset{\substack{\text { Divided Hypoglossal Canal } \\(\mathrm{L} / \mathrm{R})}}{ }$ | Required element not present | 0/0 |
| Flexure of Superior Sagittal Sulcus (R/L/B) | Required element not present | 1 |
| Foramen Ovale Incomplete <br> (L/R) | Required element not present | Required element not present |
| Foramen Spinosum Incomplete (L/R) | Required element not present | Required element not present |
| Pterygo-spinous Bridge $(L / R)$ | Required element not present | Required element not present |
| Pterygo-alar Bridge (L/R) | Required element not present | Required element not present |
| Tympanic Dihiscence (L/R) | Required element not present | $1 / 0$ |
| Auditory Exostosis (L/R) | Required element not present | 0/0 |
| Mastoid Foramen (L/R) | Required element not present | 0/0 |
| Mental Foramen(L/R) | Required element not present | 0/0 |
| Mandibular Torus (L/R) | Required element not present | 0/0 |
| Frontal grooves (L/R) | Required element not present | $0 / 0$ |
| Ethmoidal foramina (L/R) | Required element not present | 0/0 |
| Supratrochlear Notch or foramen (L/R) | Required element not present | 0/0 |
| Trochlear Spine (L/R) | Required element not present | 0/0 |
| Double occipital condylar facets (L/R) | Required element not present | 0/0 |
| Paracondylar process | Required element not present | 0/0 |
| Bridging of Jugular foramen (L/R) | Required element not present | 0/0 |
| Pharyngeal tubercle | Required element not present | Required element not present |
| Clinoid bridges or spurs (L/R) | Required element not present | Required element not present |
| Accessory lesser palatine foramina (L/R) | Required element not present | 0/0 |
| Palatine torus (L/R) | Required element not present | 0/0 |
| Maxillary torus (L/R) | Required element not present | 0/0 |
| Divided parietal bone (L/R) | Required element not present | 0/0 |
| Os Japonicum (L/R) | Required element not present | 0/0 |
| Marginal tubercle (L/R) | Required element not present | 0/0 |
| Mylohyoid Bridge (L/R) | Required element not present | 0/0 |
| Post-cranial non-metric traits |  |  |
| Atlas Lateral Bridging (L/R) | Required element not present | 0/0 |
| Atlas Posterior Bridging $(L / R)$ | Required element not present | 0/0 |
| Accessory Transverse Foramina in $7^{\text {th }}$ cervical vertebrae (L/R) | Required element not present | 0/1 |
| Septal Aperture | Required element not present | 0/0 |
| Sixth Lumbar vertebrae | Required element not present | 1 |


| Non-metric trait | Late Roman Skeleton [204] | Saxon Skeleton [323] |
| :---: | :---: | :---: |
| Accessory sacro-illiac articulation (L/R) | Required element not present | 0/0 |
| Supra scapular Foramen or notch form (L/R) | Required element not present | 0/0 |
| Accessory acromial articular facet (L/R) | Required element not present | 0/0 |
| Unfused acromial epiphysis (L/R) | Required element not present | 0/0 |
| Glenoid fossa extension (L/R) | Required element not present | 0/0 |
| Circumflex Sulcus (L/R) | Required element not present | 0/0 |
| Sternal foramen | Required element not present | Required element not present |
| Supratrochlear Spur (L/R) | Required element not present | 0/0 |
| Trochlear notch form (L/R) | Required element not present | 0/0 |
| Allen's fossa (L/R) | Required element not present | 0/0 |
| Poirier's facet or extension (L/R) | Required element not present | 0/0 |
| Third trochanter (L/R) | Required element not present | 0/0 |
| Vastus notch (L/R) | Required element not present | Left element not present / 0 |
| Tibia Squatting facets (L/R) | 0/0 | 0/0 |
| Talus Squatting facets (L/R) | 0/0 | Required element not present |
| Dental non-metric traits |  |  |
| Shovel shaped incisors (L/R) | Required element not present | 0/0 |
| Carabelli's cusp (L/R) | Required element not present | 0/0 |
| Parastyle mandible (L/R) | Required element not present | 0/0 |
| Tuberculum dentale (L/R) | Required element not present | 0/0 |
| Interruption groove (L/R) | Required element not present | 0/0 |
| Peg shape (L/R) | Required element not present | 0/0 |
| Bushman canine (L/R) | Required element not present | 0/0 |
| Paracone ridge (L/R) | Required element not present | 0/0 |
| Hyper cone (L/R) | Required element not present | 0/0 |
| Enamel extension (L/R) | Required element not present | 0/0 |
| Protoconid (L/R) | Required element not present | 0/0 |
| Hypoconulid (L/R) | Required element not present | 0/0 |
| Protostylid (L/R) | Required element not present | 0/0 |

Table 7 Identifiable human bone fragments within Quarry 1: Infill Event 1 (Period 4)

| Skeletal <br> Element | No of identifiable <br> human bone <br> fragments within <br> Infill group 1 | \% of idenifiable <br> human bone <br> fragments within <br> Infill group 1 |
| :--- | :---: | :---: |
| Clavicle | 4 | $0.85 \%$ |
| Femur | 19 | $4.03 \%$ |
| Fibula | $3.82 \%$ |  |
| Foot (inc. <br> tarsals, <br> metatarsals, <br> and phalanges) | 46 |  |
| Hand (inc. <br> carpals, <br> metacarpals, <br> and phalanges) | 87 | $9.77 \%$ |
| Humerus | 9 | $18.47 \%$ |
| Patella | 5 | $1.91 \%$ |
| Pelvis <br> (including ilium, <br> ischium, pubis, <br> and sacrum) | 26 | $1.06 \%$ |
| Radius | 13 | $2.72 \%$ |
| Rib | 94 | $19.96 \%$ |
| Scapula | 5 | $1.06 \%$ |
| Skull (including <br> cranium, <br> mandible, and <br> loose dentition) | 52 | 2 |
| Sternum | 2 | $11.04 \%$ |
| Tibia | 6 | $0.42 \%$ |
| Ulna | 12 | $1.27 \%$ |
| Vertebrae | 73 | $15.50 \%$ |
|  |  |  |

Table 8: Identifiable human bone fragments within Quarry 1: Infill Event 2 (Period 4)

| Skeletal Element | No. of identifiable <br> human bone <br> fragments within <br> Infill group 1 | \% of idenifiable <br> human bone <br> fragments within <br> Infill group 1 |
| :--- | :---: | :---: |
| Clavicle | 3 | $1.60 \%$ |
| Femur | 5 | $2.67 \%$ |
| Fibula | 3 | $1.60 \%$ |
| Foot (inc. tarsals, <br> metatarsals, and <br> phalanges) | 36 |  |
| Hand (inc. carpals, <br> metacarpals, and <br> phalanges) | 6 | $19.25 \%$ |
| Humerus | 9 | $3.21 \%$ |
| Patella | 3 | $4.81 \%$ |
| Pelvis (including <br> ilium, ischium, <br> pubis, and <br> sacrum) | 27 | $1.60 \%$ |
| Radius | 6 | $14.44 \%$ |
| Rib | 14 | $3.21 \%$ |
| Scapula | 6 | $7.49 \%$ |
| Skull (including <br> cranium, <br> mandible, and <br> loose dentition) | 41 | $3.21 \%$ |
| Sternum | 1 | $21.93 \%$ |
| Tibia | 22 | $0.54 \%$ |
| Ulna | 4 | $11.76 \%$ |
| Vertebrae | 1 | $2.14 \%$ |

Table 9 Crude prevalence of the condition of the disarticulated bone recovered from Quarry 1

| Condition of <br> disarticulated bone | \% of skeletal fragments <br> within the disarticulated <br> assemblage |
| :--- | :---: |
| Very good | $6.38 \%$ |$|$| Good | $24.47 \%$ |
| :--- | :---: |
| Good-Moderate | $23.76 \%$ |
| Moderate | $24.47 \%$ |
| Moderate-Poor | $14.89 \%$ |
| Poor | $6.03 \%$ |

Table $10{ }^{25} \mathrm{~N}$ and ${ }^{13} \mathrm{C}$ values of all samples

| Context <br> No | Element | Age \& Sex | Land use | Period | $\delta^{15} \mathrm{~N}$ \% | $\delta^{13} \mathrm{C} \%$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| A[377] | femur | Middle aged to older probable female | Inhumation 1 | 4: Early to MidRoman | 11.5 | -20.2 |
| A[377] | Molar <br> M3 | Middle aged to older probable female | Inhumation 1 | 4: Early to MidRoman | 12.7 | -20 |
| A[377] | rib | Middle aged to older probable female | Inhumation 1 | 4: Early to MidRoman | 11.3 | -20 |
| A[404] | femur |  | Quarry 1: Infill Event 1 | 4: Early to MidRoman | 9 | -20.3 |
| A[405] | femur |  | Quarry 1: Infill Event 1 | 4: Early to MidRoman | 11.3 | -20.1 |
| A[407] | rib |  | Quarry 1: Infill Event 1 | 4: Early to MidRoman | 8.8 | -20.4 |
| A[413] | incisor |  | Quarry 1: Infill Event 1 | 4: Early to MidRoman | 10.1 | -20 |
| A[413] | rib |  | Quarry 1: Infill Event 1 | 4: Early to MidRoman | 9.6 | -20.5 |
| A[414] | rib |  | Quarry 1: Infill Event 1 | 4: Early to MidRoman | 8.9 | -20.4 |
| A[415] | Molar M2 |  | Quarry 1: Infill Event 1 | 4: Early to MidRoman | 10.1 | -19.5 |
| A[416] | rib |  | Quarry 1: Infill Event 1 | 4: Early to MidRoman | 8.9 | -20.4 |
| A[417] | femur |  | Quarry 1: Infill Event 1 | 4: Early to MidRoman | 9.3 | -19.8 |
| A[419] | molar |  | Quarry 1: Infill Event 1 | 4: Early to MidRoman | 10.1 | -19.6 |
| A[420] | femur |  | Quarry 1: Infill Event 1 | 4: Early to MidRoman | 9.5 | -20.4 |
| A[420] | rib |  | Quarry 1: Infill Event 1 | 4: Early to MidRoman | 9.6 | -20.3 |
| A[424] | femur |  | Quarry 1: Infill Event 1 | 4: Early to MidRoman | 9.5 | -20.3 |
| A[424] | molar <br> M1 |  | Quarry 1: Infill Event 1 | 4: Early to MidRoman | 9.8 | -20.3 |
| A[424] | rib |  | Quarry 1: Infill Event 1 | 4: Early to MidRoman | 8.7 | -20.5 |
| A[350] | femur |  | Quarry 1: Infill Event 2 | 4: Early to MidRoman | 11.7 | -20.3 |
| A[385] | femur |  | Quarry 1: Infill Event 2 | 4: Early to MidRoman | 9.9 | -19.5 |
| A[385] | rib |  | Quarry 1: Infill Event 2 | 4: Early to MidRoman | 11.2 | -19.3 |
| A[289] | femur | Infant | Quarry 2: Infill Event 3 | 5: Late Roman | 9.7 | -22 |


| Context <br> No | Element | Age \& Sex | Land use | Period | $\boldsymbol{\delta}^{\mathbf{1 5} \mathbf{N} \% \mathbf{0}}$ | $\boldsymbol{\delta}^{13} \mathbf{C}$ \%o |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| A[289] | incisor | Infant | Quarry 2: Infill <br> Event 3 | 5: Late Roman | 10.8 | -20.6 |
| A[289] | rib | Infant | Quarry 2: Infill <br> Event 3 | 5: Late Roman | 10.5 | -19.6 |
| A[323] | femur | Young to <br> middle-aged <br> adult male | Inhumation 7 | 6: Saxon | 8.3 | -19.9 |
| A[323] | molar | Young to <br> middle-aged <br> adult male | Inhumation 7 | 6: Saxon | 8.7 | -19.4 |
| A[323] | rib | Young to <br> middle-aged <br> adult male | Inhumation 7 | 6: Saxon | 9.3 | -20 |

Table 11 Results of the detailed taphonomic analysis undertaken on a subsample of human bone from Quarry 1: Infill events 1 and 2 (Period 4)

| Context | Land-Use | Skeletal Element | Taphonomic Observations |
| :---: | :---: | :---: | :---: |
| A334 | Quarry 1: Infill Event 2 | Rib | Pitting |
| A350 | Quarry 1: Infill Event 2 | Femur | Deep scratches along shaft - Gnawing mark |
| A377 | Inhumation 1 | Femur | Splitting on breaks- Scratches along and slightly diagonal to shaft - Pitting |
| A377 | Inhumation 1 | Rib | Light scratches - Pitting |
| A378 | Quarry 1: Infill Event 2 | Rib | Scratches |
| A385 | Quarry 1: Infill Event 2 | Femur | Many anomalies - Pitting |
| A385 | Quarry 1: Infill Event 2 | Rib | Pitting - Scratches |
| A386 | Quarry 1: Infill Event 2 | Rib | Light scratches |
| A387 | Quarry 1: Infill Event 2 | Metatarsal 1 | Big indentation (puncture?) on distal end; damage on proximal end |
| A393 | Quarry 1: Infill Event 1 | Rib | Pitting |
| A404 | Quarry 1: Infill Event 1 | Femur | Very smooth surface - Pitting - Scratches along shaft |
| A405 | Quarry 1: Infill Event 1 | Femur | Pitting - Light scratches |
| A406 | Quarry 1: Infill Event 1 | Rib | Pitting / Punctures - Light scratches |
| A407 | Quarry 1: Infill Event 1 | Rib | Pitting |
| A409 | Quarry 1: Infill Event 1 | Rib | Pitting / Punctures |
| A410 | Quarry 1: Infill Event 1 | Rib | Pitting - Scratches |
| A413 | Quarry 1: Infill Event 1 | Rib | Pitting - Scratch vertical too shaft |
| A414 | Quarry 1: Infill Event 1 | Rib | Pitting |
| A415 | Quarry 1: Infill Event 1 | Mandible | Only taphonomic damage |
| A416 | Quarry 1: Infill Event 1 | Humerus | Damage on distal end - Scratches and punctures (?) on shaft - Greater and lesser tubercle not recognisable(unfused?) |
| A416 | Quarry 1: Infill Event 1 | Rib | Pitting - Scratches along shaft |
| A416 | Quarry 1: Infill Event 1 | Sacpula | Most of blade missing; puncture on blade; cut close to lateral border |
| A417 | Quarry 1: Infill Event 1 | Femur | Punctures on head - Damage between head and neck - Damage to trochanters - Marks on shaft - Damage to condyles - Puncture (?) on condyle |
| A417 | Quarry 1: Infill Event 1 | Femur | Pitting - Scratches |
| A418 | Quarry 1: Infill Event 1 | Rib | Light scratches |
| A420 | Quarry 1: Infill Event 1 | Femur | Scratches along shaft - Splitting on breaks |
| A420 | Quarry 1: Infill Event 1 | Humerus | Mark on posterior side of shaft - Damage at capitulum - Punctures (?) on shaft |
| A420 | Quarry 1: Infill Event 1 | Pelvis | Puncture on ilium under iliac crest (superior) - Puncture on lateral side under iliac tubercle - Puncture (?) left of acetabulum |
| A420 | Quarry 1: Infill Event 1 | Rib | Pitting |
| A422 | Quarry 1: Infill Event 1 | Rib | Pitting / Punctures - Scratches |
| A423 | Quarry 1: Infill Event 1 | Rib | Scratches |
| A424 | Quarry 1: Infill Event 1 | Femur | Pitting - Scratches along shaft |
| A424 | Quarry 1: Infill Event 1 | Rib | Pitting - Scratches vertical to shaft |

