Table 3.1: Main references, scourings, excavations and other events concerning the monuments on White Horse Hill, Uffington

Date	Event
856	King Athelwulf grants 20 hides at Æscesbyrig to Aldred – (see Hooke 1987)
931	Uffentune estate granted to the church of St Mary at Abingdon by Æthelstan ealdorman of East Anglia – (see Hooke 1987)
944	King Eadmund regrants same 20 hides to Wulfric – (see Hooke 1987)
953	King Eadred granted Uffentune to his minister Ælfsige – (see Hooke 1987)
958	King Eadred made further grant to Wulfric to form estate subsequently known as Olvricstone – (see Hooke 1987)
1072-84	Reference to the White Horse in the Godric Cartulary from Abingdon Abbey – (see Plenderleath 1885)
1180	Radulphi de Diceto began his Historical works in which he includes the earlier 'Wonders of Britain' manuscript in which the White Horse is cited
Late 14th century	Tenor bell at Dorchester-on-Thames featuring horse and dragon motif cast in Wokingham foundry – (Woolner 1965)
Late 16th century	Sheldon Tapestry with picture of White Horse created
1607	Specific reference made to the White Horse in Camden's *Britannia*. This volume also included a map drawn by Christopher Saxton and engraved by William Hole on which the Vale of White Horse and Whitehorse Hill were marked.
1665-93	John Aubrey includes speculation on the origins of the White Horse, Dragon Hill and Uffington Castle in his *Monumenta Britannica*.
1695	Third edition of Camden's *Britannia* published with additions by Edmund Gibson, including descriptions of Uffington Castle and Dragon Hill, and speculation on the origins of the latter and of the White Horse
1725	The first edition of Daniel Defoe's *A Tour through Great Britain* includes reference to White Horse Hill and the Vale of White Horse, with a description of the hill figure including its construction with the sentence 'the trench is 2 yards wide on the top, about a yard deep, and filled almost up with chalk'
1738	Francis Wise addresses A Letter to Dr Mead, particularly shewing that the white Horse … is a monument of the west Saxons, made in memory of a great victory obtained over the Danes AD 871. This personal view included comment on the state of repair of the figure, the scouring ceremony and mention of Uffington Castle as a Roman entrenchment. This paper was accompanied by a copper plate illustration of the White Horse by W Greene representing the figure in a very naturalistic manner and surrounding sites, including Uffington Castle, Hardwell Camp and Dragon Hill labelled.
1738	Thomas Hammond drew a series of more realistic sketches of the White Horse, intended to illustrate Wise's Letter but not used for this.
1740	An argument against the views expressed in Wise's Letter was put forward in *The Impertinence and Imposture of Modern Antiquaries Displayed*, possibly by Wise's rival Thomas Asplin under the pseudonym Philalethes Rusticus, in which it was noted that the figure and posture of the Horse are the same as on British coins and suggests that it is a monument over Dragon Hill.
1755	Earliest recorded Pastime and scouring, at which a highwayman won the prize for backsword play, and escaped without being recognised – (Hughes 1889)
1765	Possible scouring – (Plenderleath 1874)
1776	Scouring festival on May 27th at which there were said to be 40,000 people; complete handbill published in Hughes (1889)
1789	New edition of Camden's *Britannia* published with additions by Gough in which the White Horse and scouring festival are described before consideration of the origins of the White Horse. Though other possibilities are mentioned, all features of White Horse Hill, except Dragon Hill which is seen as the barrow of Uter Pendragon, are related to the battle of Ashdown of AD 871 as held by Wise
1780	Pastime recorded on Whit-Monday attended by upwards of 30,000 people – (Hughes 1889)
1785	Scouring festival – (Hughes 1889)
1790	Possible scouring – (Plenderleath 1874)
1796	Possible scouring – (Plenderleath 1874)
1803	Scouring festival – (Hughes 1889)
c 1803	Samuel Lysons makes first detailed survey of the earthworks of Uffington Castle and Hardwell Camp
1808	Edwin Martin-Atkins born
1808	Scouring festival – (Hughes 1889)
1812 or 1813	Scouring festival – (Hughes 1889)
1819	Colt Hoare suggests that Dragon Hill is not a barrow, but rather a natural part of the chalk ridge which has been shaped by the removal of the upper part of the hill
1806-22	Uffington Castle of British origin, but reused by Romans, while Hardwell Camp probably the work of the Romans according to Samuel Lysons *Magna Britannia*
1825	Martin-Atkins inherits Kingston Lisle estate
1825	Pastime normally associated with the scouring of the White Horse took place at Seven Barrows – (Hughes 1889)
1838	Scouring festival revived by Lord Craven to commemorate Coronation of Queen Victoria, and birth of heir to the house of Craven – (Hughes 1889)
1843	Scouring festival, Wombwell's Menagerie experienced problems getting the elephant's van up on the downs – (Hughes 1889)
1850-2	Martin-Atkins accepted as member of Archaeological Institute in 1850 and became heavily involved in excavations at Lambourn Seven Barrows under their auspices
1852	Dragon Hill opened by Lord Craven and shown to be natural, but 3 inhumations excavated in hollow

Date	Event
	between White Horse and Dragon Hill
1857	Last great Pastime scouring festival on September 17th and 18th, organised by a committee including Martin-Atkins and Thomas Hughes and attended by between 15,000 and 18,000 people – (for description see Hughes 1889)
1857-8	Martin-Atkins' excavations of the barrows and hillfort ramparts on White Horse Hill; M-A accepted as a FSA in December 1857
1859	Martin-Atkins' death; Thomas Hughes novel commemorating the 1857 Scouring published (Reprinted in 1889)
1862	Martin-Atkins' widow donates all remaining finds from his excavations to the British Museum
1865	Davis and Thurnam publish their analysis of the skulls from the long mound on White Horse Hill including the only published details of Martin-Atkins' excavations there
1884	White Horse cleared and rechalked
1892	Scouring organised at the expense of Lady Craven – (Marples 1949)
1908	Scouring of the White Horse after the condition of the monument provoked comment in the press – (Marples 1949)
1914	Probable scouring of the White Horse – (Marples 1949)
1922	Crawford records finding sarsen boulders within Uffington Castle ramparts after limited investigation with walking stick
1922	White Horse Hillfort first scheduled as an ancient monument
1925	As a schoolboy Stuart Piggott finds bone point in upcast from an exposure of chalk on the eastern side of Dragon Hill – (see Chapter 4 this volume)
1926	Flinders Petrie publishes his own survey of the White Horse and terraces in the Manger together with a discussion in which he suggests a Bronze Age date for this and other ancient hill figures, and that the terraces are some sort of ceremonial banks associated with the figure
1929	White Horse figure and Dragon Hill first scheduled as ancient monuments
1931	Stuart Piggott favours an Iron Age date for the White Horse on stylistic comparisons to Celtic metalwork and coins
1937	Beacon built in vicinity of White Horse to commemorate the coronation
1937	Ministry of Works survey of the White Horse
1940	White Horse camouflaged with turf, hedge trimmings and box trees held down by netting wire
1946	Camouflage of White Horse cleared away though some turf had previously taken root
1949	Morris Marples favours late Bronze Age or very early Iron Age date for the White Horse on the basis of stylistic comparisons to rock art
1951-3	Scouring of the White Horse in the traditional manner by a team of agricultural workers lead by W F Grimes; Grimes also excavated and recorded a small trench adjacent to the 'beak'
1956	Serious grassfire in the hillfort, and site subsequently cultivated
1965	Neolithic Long Barrow and Bronze Age Bowl Barrow scheduled as ancient monuments
1965	Diana Woolner suggests that stylistic comparisons invalid as shape of White Horse likely to have changed significantly over time, and favours Saxon date instead
1979	The Right Honourable David Astor donated the land around the White Horse to the National Trust, who with the Inspectorate of Ancient Monuments began improving the setting of the monument
1980	Team from the OAU spent an initial weekend surveying the White Horse in August
1989	The current investigations by the OAU with The National Trust and English Heritage of the White Horse Hill area begin with two trenches through the NE breach in the hillfort ramparts and magnetometer surveys of the hillfort interior, the barrows, the White Horse and the top of Dragon Hill carried out by the AML
1990	OAU's excavations continue with further excavations in the hillfort ramparts, round the White Horse and in the bottom of the Manger
1993	OAU reopens the barrows to the NE of the hillfort excavated by Martin-Atkins in 1857-8
1994	OAU engaged in further excavations around the White Horse and joined by OUDCE students to open 3 trenches in the interior of the hillfort around particular magnetic anomalies identified by the 1989 survey
1995	OUDCE and Pitt Rivers Museum continue work on the site with small excavations around a cropmark enclosure to the SW of the hillfort, the linear earthwork running south from the hillfort and to ground-proof other magnetic anomalies in the interior of the hillfort, initially identified by the 1989 survey, but refined by new higher resolution surveys also by the AML prior to the commencement of excavation

Table 4.1: Results of excavations on the Manger at White Horse Hill

Context and description	Maximum depth in metres	Description	Finds
Modern Layers			
2000 clay loam	0.15	topsoil: grey/brown silty clay loam, occasional chalk gravel, mid-dark hue	19th-20th C glass metal and plastic
2001 clay loam	0.15	subsoil: grey/brown silty clay loam with occasional small chalk gravel; very light in hue	19th-20th C glass metal and plastic
Colluvium			
2005 silty clay	0.15	mid-orange/brown silty clay loam with occasional chalk fragments	none
2006 silty clay	0.1	similar to 2002	2 flint flakes
2007 silty clay	0.2	similar to 2002, more orange and higher silt content, also natural flint gravel	1 flint flake
2002 silty clay	0.3-0.6	main build up of colluvium, 0.3 m in valley bottom: pale brown silty clay with small chalk fragments and occasional chalk blocks, up to 0.122 m and occasional charcoal	serrated flake, 15 flakes & a flint chip, animal bone and a pot fragment
2003 silty clay	0.4	in valley bottom from erosion and deposition in the valley sealing old ground surface: 5 distinct layers	4 sherds of Roman pottery 2 fired clay, 1 flint flake
Earliest soils			
2004 clay / chalk	0.35	old ground surface, overlying 2008: mid grey-brown silty clay, with small/medium chalk rubble and occasional charcoal: snail evidence indicates a ploughsoil: also woodland snails represents pre-clearance fauna	bone fragments and tested and discarded flint nodule, blade-like flake and 20 flint flakes
2008 silty clay	0.15	discontinuous layer of very compact brown-white clay with chalk flecks and fragments: occasional mollusc shells and fragments: possible ploughing disturbance but more likely biological action. Slow accumulation of material eroded from valley sides in stable period after glaciation	small flint flake, possibly intrusive
Natural glacial deposits			
2009 chalk rubble	0.8	natural scree, contained blocks of chalk 0.09 m long, overlay 2010 and solid chalk bedrock in northern end of the trench	none
2010 chalk wash	>2.5	overlay natural solid chalk bedrock: thin layers and lenses 0.05-1.0 m thick composed of compact chalk or chalk silt, thinning at the north-east end	none

Table 4.2: Dimensions of Dragon Hill and comparable mounds (after Whittle 1997)

Site	Height (m)	Summit diameter (m)	Base diameter (m)
Silbury	37	30-35	150
Marlborough	19.8	30	84
Dragon Hill	*c* 20	30-45	*c* 100

Table 4.3: British Museum catalogue entries of finds from Martin-Atkins' excavations of the two barrows on White Horse Hill in 1857-8

BM Catalogue No.	Context	Description in BM catalogue	Reinterpretation
1862 7-7 42	Long Mound	Bone double toothed comb, L. 4 ins	Typical late Roman double-sided composite comb
1862 7-7 43	Long Mound	Bone double toothed comb much mutilated, L $4^{1}/_{4}$ ins	Typical late Roman double-sided composite comb
1862 7-7 49	Found by right side of skeleton no 9, Long Mound	Iron, seven nails with large heads, two bent, L. circa 2½ ins	
1862 7-7 50	Skeleton no 9, Long Mound	Iron, five nails with smaller heads, L. *c* 2½ ins	
1862 7-7 51	Skeleton no 4, Long Mound	Iron sandal nails	
1862 7-7 52	Skeleton no 4, Long Mound	Small piece of felt, L. 1 ins	
1862 7-7 53	Skeleton no 1, Long Mound	Iron spike or pin, L. $2^{4}/_{10}$ ins	
1862 7-7 54	No interment, Long Mound	Bronze needle, L. $1^{9}/_{10}$ ins	
1862 7-7 63	Skeleton no 36, Long Mound	Terracotta, Roman red cup, worn, H. $4^{1}/_{8}$ ins	Oxford colour-coated ware pedestal beaker of Young type C38, dated *c* AD 340-400 (Young 1977, 155-6)
1862 7-7 55	Mouth of skeleton no 7, Long Mound	Bronze coin, 3rd brass	Term 3rd brass implies coins are small and almost certainly 4th century
1862 7-7 44	Near right shoulder of skeleton no 8, Round Barrow	Bronze enamelled Roman fibula, D. $1^{1}/_{10}$ ins	Escutcheon, enamelled in red and blue with triskele knot interlace of ?7th century date (Dickinson 1976, vol. 2, 216)
1862 7-7 45	Skeleton no 4, Round Barrow	Iron, Saxon boss of shield with brass rivets or studs, D. 6 ins, H. 4 ins	Group 3 shield boss, D. 158 mm H. 92 mm, 6th century date (Dickinson 1976, vol. 2, 216)
1862 7-7 46	Lying high up the body of skeleton no 4, Round Barrow	Two bronze studs with remains of ?head?, D. $^{9}/_{10}$ ins	Two tinned bronze disc-head studs, 6th century date (Dickinson 1976, vol. 2, 216)
1862 7-7 47	Skeleton no 4, Round Barrow	Iron handle of shield with brass studs, L. $4^{3}/_{4}$ ins	Shield grip, L. 120 mm, 6th century date (Dickinson 1976, vol. 2, 216)
1862 7-7 48	Skeleton no 4, Round Barrow	Iron knife blade, broken, L. $4^{3}/_{10}$ ins	Lost, L. 123 mm, 6th century date (Dickinson 1976, vol. 2, 216)
1862 7-7 56	Long Barrow??	Bronze coin, 3rd brass	Ditto
1862 7-7 57	Dragon Hill, Long Wittenham	Bronze coin, 3rd brass	Ditto

Table 6.1: North-east breach postholes: trenches R1 and R2

Posthole	Depth (m)	Diameter (m)	Estimated Width of Post (m)
Inner line			
117	0.32	0.32	0.15
118	0.92	0.49	0.19
106	0.35	0.29	-
119	0.86	0.6	-
120	0.3	0.31	-
121	0.83	0.56	0.2
122	0.22	0.34	0.19
123	0.92	0.57	0.18
125	0.07	0.18	-
59	0.61	0.58	-
47*	0.08	0.14	-
58*	0.36	0.37	0.2
46*	0.21	0.3	0.11
48	-	-	0.24
Outer line			
114	0.9	0.51	-
115	0.78	0.36	0.15
116	0.58	0.29	0.15
124	0.26	0.28	-
57*	0.28	0.12	-
37*	0.28	0.38	-
61	0.73	0.6	-
35	0.78	0.43	0.26

*- truncated by breach

Table 6.2: South-east breach postholes: trench R4

Posthole	Depth (m)	Diameter (m)	Estimated Width of Post (m)
Outer line			
716	0.63	0.40	0.26
715	0.34	0.32	-
717	0.79	0.32	0.22
729*	0.60	0.50	0.28
722*	0.35	0.33	-
Inner line			
732	0.43	0.33	-
714	0.76	0.49	0.34
719	0.32	0.22	0.23
720	0.66	0.33	0.30
730*	0.43	0.29	0.24
731*	0.30	0.26	-

* -truncated by breach

Table 6.3: Spacing between postholes

Location	Transverse (m)	Longitudinal (m)	
		Inner row	Outer row
North-east breach	1.7	0.6	1.2-1.5
South-east breach	1.35	0.6	0.35-0.75

Table 6.4: Details of cut features associated with the eastern gateway

Context	Depth (m)	Diameter (m)	Description	Finds
Associated with the gateway corridor				
7567	0.44	0.24	vertical sides and rounded base	Iron Age pottery
7573	0.38	0.3	vertical sides and rounded base	early Iron Age pottery
7580	0.7	0.36	vertical sides, flat bottom	none
7584	unknown	unknown	badly eroded, may be part of irregular south face of 7506	
7594	0.53	0.3	no section recorded	none
7598	1.00	0.32	south side vertical, north side sloping, probably caused by removal of post	no finds in lower fill, upper fill early Iron Age pottery, animal bone and daub
7600	0.43	0.6	near-vertical sides	none
7602	unknown	0.18 at top	not fully excavated	none
7604	1.0	0.42	steep sides and rounded base	none
7608	0.3	0.9	concave, backfilled with chalk rubble, postpipe 0.5 m deep, 0.23 m diam	none
7615	0.47	0.2		early Iron Age pottery
7627	unknown	0.35	not excavated, sarsen stones protruding from oval setting	none
To the south of the gateway				
7504	0.3	0.6	irregular concave	early Iron Age pottery, large pieces of daub, animal bone, charcoal
7527	0.58	0.5	near-vertical sides and irregular base, post may have rotted in situ	early Iron Age pottery, animal bone
7543	0.23	0.36	sloping sides and rounded base, post rotted in situ leaving well defined postpipe 0.12 m deep and 0.16 m in diameter with rounded base, packed with silty clay	early Iron Age pottery
7550	Unknown	0.3	not fully excavated, steep sides	early Iron Age pottery
7557	0.56	0.34	vertical sides and flat base, post removed and hole intentionally backfilled	early Iron Age pottery, animal bone
7559	0.55	0.38	vertical sides and flat bottom, post may have rotted in situ	1 sherd of early Iron Age pottery, animal bone
7569	0.3	0.48	rounded base	none
7571	0.3	0.48	rounded base	none
7586	0.5	0.38	vertical north side, irregular south side probably caused by intentional removal of post, backfilled	none
To the north of the gateway				
7533	0.3	0.36	slightly sloping sides and rounded base	none
7545	0.34	0.24	sloping sides and tapered base	none
7554	0.34	0.45	sloping sides and rounded base	none
7588	0.4	0.27	steep sides and irregular base	none
7590	0.44	0.34	steep sides and rounded base	none
7592	0.64	0.35	steep sides and rounded base	none
7613	0.22	0.42	rounded profile	none
7619	0.39	0.28	tapering sides and rounded base	1 sherd Iron Age pottery

Table 6.5: Timbers required and estimated labour

Location	Number of uprights per m	Number for whole circuit	Width (m)	Length (m)	Estimated labour for cutting (working hours)
North-east breach	2.5	1765	0.2	2	588.3
South-east breach	*c* 3	2118	0.2	2	706
Transverse timbers		2400	0.05-0.1	1.9+	800
Longitudinal batons		17650		0.6	

Table 6.6: Ditch and rampart volumes and estimated labour

Location	Phase 1	Phase 2 *(phase 2 – phase 1)*
Ditch section (m^2)	11.8	8.96
Ditch length (m)	757	757
Ditch volume (m^3)	7161.2	6782.7
Estimated labour (working hours)	10531.2	9974.56
Volume of material from ditch (m^3)	10025.68	9495.78
Rampart height (m)	1.3	1.6
Rampart section (m^2)	4.95	6.72
Rampart length (m)	706	706
Rampart volume (m^3)	2936.96	4744.32 *(1807.36)*
Counterscarp bank height (m)	0.5	0.64
Counterscarp bank section (m^2)	*c* 4	*c* 7
Counterscarp bank length (m)	793	793
Counterscarp bank volume (m^3)	3172	5551 *(2379)*
Surplus material (m^3)	3916.72	5309.42

Table 6.7: Estimated labour and time taken

Task	Estimated working hours	1 team (months)	10 teams (months)	50 teams (months)	100 teams (months)
Digging phase 1 ditch	10531.2	46.8	4.7	0.94	0.47
Digging phase 2 ditch	9974.56	44.2	4.45	0.875	0.445

Table 6.8: Interior trench 10 postholes

Context	Shape in plan	Diameter (m)	Depth (m)	Profile	Fill(s)	Finds	Comments
Timber structure							
12007	circular	0.46	0.48	vertical sides and irregular base	two fills with more chalk fragments towards the bottom	animal bones in top fill	post removed
12009	oval at top, circular at base	top 0.44 x 0.55; base 0.4	0.24	near vertical sides and circular flat base	brown loam with chalk fragments	animal bone, charcoal and flint flakes	step in east side representing earlier cut; post removed and hole backfilled
12015	oval	0.5	0.46	near vertical sides and flat base	brown loam with chalk fragments	animal bone and charcoal	step in south side representing earlier cut; post removed and posthole backfilled
12021	circular	0.46	0.38	steep sides and flat base	two fills, both brown loam with differing amounts of chalk fragments	lower fill: Iron Age pottery upper fill: earliest Iron Age pottery, animal bone and two flint flakes	cuts earlier posthole 12042, post removed
12039	roughly circular	0.15	0.2	near vertical sides and flat base	single fill of brown loam with chalk fragments	none	post removed
12042	unknown	unknown	0.3	steep sided and flat base	single fill	none	post removed and hole backfilled before cut by posthole 12021
12044	roughly circular	0.42	0.4	near vertical sides and rounded base	single fill of brown loam with chalk fragments	?animal bone	cut by pit 12019
Other postholes							
12005	roughly circular	0.44	0.34	near vertical sides and flat base	single fill of brown loam with chalk fragments	none	post removed
12017	irregular in plan at top, but circular below	0.34	0.34	steep sides and flat base	single fill of brown loam with chalk fragments	none	possible step in north-west side may represent damaged earlier posthole; post removed
12027	irregular	0.26 x 0.34	0.02-0.03	flat base	brown loam	none	possible unfinished posthole
12029	roughly circular	0.34	0.32	near vertical sides and flat base	single fill of brown loam with chalk fragments	none	post removed
12031	roughly circular	0.42	0.46	near vertical side to east, more sloping to west, flat base	single fill of brown loam with chalk fragments	none	only half excavated, post removed
12046	roughly circular	-	0.35	-	brown loam	-	unexcavated
12048	roughly circular	-	0.35	-	brown loam	-	unexcavated

Table 6.9: Postholes and other small cut features in the western end of the hillfort

Context	Shape in plan	Depth (m)	Diameter (m)	Profile	Fills	Finds	Comments
Trench 3 postholes							
7006	circular	0.35	0.45	vertical sides and flat base	yellow brown loam with chalk fragments	Iron Age pottery	
7010	oval	0.4	0.5	sloping sides and narrow base	yellow brown clay sand with chalk fragments	Iron Age pottery	profile may have been caused by rough removal of post
Trench 11 postholes							
10507	roughly circular	0.32	0.34	vertical sides and flat base	chalky loam	early Iron Age pottery	post removed
10511	oval	0.26	0.27	no section recorded	single fill	none	post removed
10514	roughly oval	0.36	0.36	vertical sides and flat base	chalky loam with charcoal	none	post removed
Trench 12 small cut features							
11005	roughly circular	0.24	0.62	concave with central dip	dark brown loam	earliest Iron Age pottery, animal bone and Romano-British nail	cuts 11007
11011	roughly circular	0.12	0.5	concave	dark brown loam	none	
11012	oval	0.1	0.68 x 0.5	concave	dark brown loam	none	cuts 11007
11014	oval	not recorded	0.3	shallow, bowl shaped	brown loam	none	cuts 11007

Table 9.1: Catalogue of Roman Coins

No.	Denomination / Size	Obverse	Reverse	Mint	Date	Reference/ Comment	Context	SF No.
1	Antoninianus, 23mm	Claudius II	?Annona	Rome	268-270	Fragment	6501	433
2	Antoninianus, 17mm	Tetricus I	Standing figure	?Irregular	270-273	Fragment	7004	435
3	15mm	Radiate head	Two female figures	Irregular	*c* 260-295		6001	400
4	AE2 19mm	Constantine I	DN CONSTANTINI MAX AVG, VOT XX in wreath	Ticinum	320-321	RIC VII, 140*	Trench H1 U/S	420
5	9mm	?	Fel Temp Reparatio, fallen horseman type	Irregular	*c* 350-365		6501	434
6	15mm	?	??Gloria Romanorum, emperor and captive type	?	?364-378		6501	436
7	13mm	Magnus Maximus	SPES ROMANORVM, camp gate	Aquileia	387-388	LRBCII, 1103**	11505	1462
8	12mm	?	??Spes Romanorum,		?387-388		11505	1472
9	14mm	Valentinian II	VICTORIA AVGGG, victory	?	388-392		11505	1465
10	13mm	?Valentinian II	VICTORIA AVGGG	?	388-392		11505	1457
11	12mm	Valentinian II	?Victoria Auggg	?	388-392		6001	421
12	14mm	Theodosius I	SALVS REIPVBLICAE, victory & captive	?	388-395		11505	1469
13	11mm	Arcadius	VICTORIA AVGGG	?Arles	388-402		11505	1459
14	13mm	Arcadius	VICTORIA AVGGG	?	388-402		11505	1456
15	13mm	Honorius	?	?	394-402?		11505	1451
16	13mm	?	VICTORIA AVGGG	Aquileia	388-402		11505	1474
17	14mm	?	VICTORIA AVGGG	?	388-402		Trench H1 U/S	417
18	14mm	?	VICTORIA AVGGG	?	388-402		11505	1452
19	12mm	?	VICTORIA AVGGG	?	388-402		6001	406
20	12mm	?	VICTORIA AVGGG	?	388-402		7001	442
21	12mm	?	VICTORIA AVGGG	?	388-402		11505	1466
22	12mm	?	VICTORIA AVGGG	?	388-402		11505	1473
23	13mm	?	?Victoria Auggg	?	388-402		8005	751
24	13mm	?	?Victoria Auggg	?	388-402		8005	752
25	13mm	?	?Victoria Auggg	?	388-402		9001	950
26	12mm	?	?Victoria Auggg	?	388-402		6001	410
27	12mm	?	?Victoria Auggg	?	388-402		11505	1471
28	11mm	?	?Victoria Auggg	?	388-402		6001	403
29	11mm	?	?Victoria Auggg	?	388-402		Trench H1 U/S	427
30	11mm	?	?Victoria Auggg	?	388-402		11004	1351
31	14mm	?	SALVS REIPVBLICAE	?	388-402		11505	1450
32	13mm	?	SALVS REIPVBLICAE	?	388-402		6001	402
33	12mm	?	SALVS REIPVBLICAE	?	388-402		7004	441
34	12mm	?	SALVS REIPVBLICAE	?	388-402		8005	754
35	11mm	?	SALVS REIPVBLICAE	?	388-402		6001	401
36	11mm	?	SALVS REIPUBLICAE	?	388-402		11505	1476
37	12mm	?	?Salus Reipublicae	?	388-402		11505	1470
38	11mm	?	?Salus Reipublicae	?	388-402		11505	1475

39	13mm	?	?Victory	?	?388-402		11004	1350
40	12mm	?	?Victory	?	?388-402		6500	413
41	12mm	?	?Victory	?	?388-402		6500	415
42	12mm	?	?Victory	?	?388-402		6500	423
43	12mm	?	?Victory	?	?388-402		8005	750
44	11mm	?	?Victory	?	?388-402		6500	414
45	11mm	?	?Victory	?	?388-402		6501	432
46	11mm	?	?Victory	?	?388-402		11505	1460
47	14mm	?	?	?	?mid-late 4C		6501	437
48	14mm	?	?	?	?late 4C		7001	443
49	13mm	?	?	?	?late 4C		7008	440
50	12mm	?	?	?	?late 4C		6001	408
51	12mm	?	?	?	?late 4C		6500	412
52	12mm	?	?	?	?late 4C		7004	444
53	12mm	?	?	?	?late 4C		11505	1455
54	12mm	?	?	?	?late 4C		11505	1458
55	12mm	?	?	?	?late 4C		11508	Sample 3
56	11mm	?	?	?	?late 4C		6001	407
57	11mm	?	?	?	?late 4C		6501	425
58	11mm	?	?	?	?late 4C		6501	428
59	11mm	?	?	?	?late 4C		6501	430
60	11mm	?	?	?	?late 4C		7005	550
61	11mm	?	?	?	?late 4C		8505	851
62	11mm	?	?	?	?late 4C		11502	1454
63	10mm	?	?	?	?late 4C		7001	449

* Bruun 1966, ** Carson and Kent 1976

Table 9.2: Roman coins by trench

Trench	No. of coins	Catalogue Nos
H1	12	3, 4, 11, 17, 19, 26, 28-9, 32, 35, 50, 56
H2	13	1, 5-6, 40-2, 44-5, 47, 51, 57-9
H3	8	2, 20, 33, 48-9, 52, 60, 63
H5	4	23-4, 34, 43
H6	1	61
H7	1	25
H12	2	30, 39
H13	22	7-10, 12-16, 18, 21-2, 27, 31, 36-8, 46, 53-5, 62

Table 9.3:Early prehistoric pottery by date range and context

Date range	LNEBA		EBA		MBA		Misc		Total	
The barrows	Sherd No	Wt g	Sherd no	Wt g	Sherd no	Wt g	Sherd no	Wt g	Sherd no	Wt g
4003	1	1	1	7	4	10			6	18
4006			3	55					3	55
4007			2	43	1	1	1	1	4	45
4009			12	34	1	2			13	36
4015					4	20			4	20
4020					1	9			1	9
3003			2	15					2	15
3007			1	18					1	18
3008			1	9					1	9
3010			1	22					1	22
3015			5	117					5	117
3018			1	2					1	2
3028			1	2					1	2
3030					7	37			7	37
Hillfort defences										
30	5	13							5	13
726	1	6							1	6
Hillfort interior										
7517			1	1	1	4			2	5
8507			1	16					1	16
8509			1	15	1	3			2	18
9003							2	7	2	7
9008							1	3	1	3
The enclosure										
30			1	6					1	6
Total	7	20	34	362	20	86	4	11	65	479

Table 9.4: Later prehistoric pottery, hillfort defences, trenches H1 and H4 by fabric, sherd count and weight in grams

Fabric	A1	A2	A3	A4	A5	A6	S1	S2	S3	S4	S5	F1	F2	TOTAL	FORMS / ILLUS
Context	Sh/wt	Sh/wt	Sh/wt	Sh/wt		Sh/wt	Sh/wt	Sh/wt	Sh/wt			Sh/wt	Sh/wt	Sh/wt	
Tr H1 6	1-4								1-13					2-17	
Tr H1 10	2-7	2-6						1-5	2-8					7-26	
Tr H1 12								1-3						1-3	
Tr H1 18	4-5	3-7					3-24							10-36	
Tr H1 25									1-5					1-5	
Tr H1 26		1-2						2-3						3-5	
Tr H1 33	2-8	1-8						7-44						10-60	
Tr H1 38	1-3													1-3	
Tr H1 43	2-2													2-2	
Tr H1 51							1-4							1-4	
Tr H1 52								1-3						1-3	
Tr H1 53							1-11							1-11	
Tr H1 54	2-7		1-3											3-10	
Tr H1 60									1-12					1-12	
Tr H2 107				2-7		1-3						1-4		4-14	dec sherds / no 1
Tr H2 112		1-5	1-14				1-3							3-22	dec sherds / no 2
Tr H3 503		1-23												1-23	
Tr H3 504		3-10					3-3							6-13	
Tr H3 513		2-5						1-7						3-12	
Tr H3 520	1-3							4-10						5-13	
Tr H4 702	1-3							2-5	1-3					4-11	
Tr H4 707							1-5							1-5	
Tr H4 728		2-5												2-5	
Total	16-42	16-71	2-17	2-7	-	1-3	10-50	19-80	6-41	-	-	1-4	-	73-315	

Context / trench numbers in italics are Roman or later

Table 9.5: Later prehistoric pottery, round barrow and long mound, by fabric, sherd count and weight in grams

Fabric	A1	A2	A3	A4	A5	A6	S1	S2	S3	S4	S5	F1	F2	Total	Forms / illus
Context	Sh/wt	Sh/wt	Sh/wt		Sh/wt	Sh/tw	Sh/wt	Sh/wt	Sh/wt	Sh/wt	Sh/wt	Sh/wt	Sh/wt	Sh/wt	
BARROW															
3003	2-4		1-5											3-9	
3004						1-6								1-6	
3006			1-4											1-4	
3007			1-10					1-4						2-14	
3008	2-8	2-5					316		1-6					8-35	
3015	1-7	1-3	3-13											5-23	
3019	3-7	2-5	5-13			2-11		14-41						26-77	
3028							25							25	
3030	1-2	8-53						1-9						10-64	
Total	9-28	13-66	11-45			3-17	521	16-54	1-6					58-237	
MOUND															
4000	3-17	82-348	10-30		2-18			6-25					1-6	104-444	
4001	1-6	4-33				1-5							1-8	7-52	
4002	2-4	8-25	6-19			1-12	12						1-8	19-70	
4003	5-38	95-337	7-21			3-17		6-36			4-5			120-454	1, 2, 4
4009		11-26									1-2			12-28	
4010		177-1045	8-62		1-18			7-30	7-55				3-10	203-1220	1, 7 / no 37
4011		2-13	1-5			1-31								4-49	
4012		64-330	1-5		1-9	1-6								67-350	
4015		190-473	11-32		3-20			20-65	1-5			1-3	1-2	227-600	1, 2, 7 / no 8
4020	8-25	174-410	3-13					27-80		1-3			1-2	214-533	1
4022	1-3													1-3	
4023	4-11	27-85	1-6					1-4			3-15			36-121	
4024		4-17	1-6											5-23	
4027	1-1	2-5									1-6			4-12	
4028							325							3-25	
Total	25-105	840-3147	49-199		7-65	7-71	4-27	67-240	8-60	1-3	9-28	1-3	8-36	1026-3984	

Context / trench numbers in italics are Roman or later

Table 9.6:Later prehistoric pottery, hillfort interior, blocked entrance, trench H4, by fabric, sherd count and weight in grams

Fabric	A1	A2	A3	A4	A5	A6	S1	S2	S3	S4	S5	F1	F2	Total	Forms / illus
Context	Sh/wt	Sh/wt	Sh/wt	Sh/wt	Sh/wt		Sh/w	Sh/wt	Sh/wt	Sh/wt		Sh/wt	Sh/wt	Sh/wt	
7500	1-5	9-49					1-7	17-113		3-10				31-184	6 / no 9
7502	13-25	13-43	3-22	3-14			2-10	40-114		3-6			1-3	78-237	8 / no 1011
7503	8-32	12-73		1-7			2-13	46-172						69-297	6 / no 9, 12
7505	21-50	21-232		4-7			3-9	372-3541		13-52		1-12		435-3903	5,6,8 / no 1317
7507	1-2	2-10			1-5		1-4							5-21	
7508	6-11	1-4	7-10					14-135					1-6	29-166	
7510	10-16	2-24						9-20						21-60	
7511	4-20	32-74	8-52	1-3			8-33	18-72	1-9					72-263	6 / no 1819
7514		1-3	1-3					36-167						38-173	
7515	111-349	12-100	7-28		71-14		4-24	99-416				2-14		242-1045	6,10 / no 2021
7521	28-70	12-40	3-13	5-14			2-10	117-442		1-8		1-5		169-602	5,6 / no 2228
7522	8-19	3-8		1-4			1-4	7-34		5-16		1-5		26-90	
7524		3-23	1-5		1-6				8-50					13-84	
7526	21-78	516	2-8		6-28		5-27	13-62						52-219	
7528	1-1		2-6						1-4	2-2				6-13	
7532	1-5						3-3	1-4						5-12	
7536	12-37		2-7				1-17	12-51		4-12				31-124	
7544		1-4						2-21						3-25	
7551	1-3													1-3	
7556								2-2	1-3					3-5	
7558								1-5				1-5		2-10	
7560							1-2							1-2	
7566	2-6	5-24					2-9	27-65						36-104	8 / no 29
7568								1-13						1-13	
7574							1-3	2-4						37	
7579				1-4										1-4	
7610	8-6	1-4					1-14	12-83						22-107	5,6 / no 3032
7612								1-2						1-2	
7616								1-3						1-3	
7620		1-3												1-3	
Total	257-735	136-734	36-154	16-53	15-153		38-189	850-5541	11-66	31-106		6-41	2-9	1398-7781	

Table 9.7: Later prehistoric pottery, hillfort interior, trenches H5 and H6, by fabric, sherd count and weight in grams

Fabric	A1	A2	A3	A4	A5	A6	S1	S2	S3	S4	S5	F1	F2	Total	Form / illus
Context	Sh/wt	Sh/wt	Sh/wt				Sh/wt	Sh/wt	Sh/wt	Sh/wt		Sh/wt	Sh/wt	Sh/wt	
Tr H5															
8003			3-36										4-7	7-43	
8005	3-5		2-8					11-19						16-32	
8007		3-6						1-3						4-9	
8010	1-3	32-136	1-13					5-13						39-165	3 / no 33
8011												1-8		1-8	
8012		6-132												6-132	3 / no 33
Total	4-8	41-274	6-57					17-35				1-8	4-7	73-389	
Tr H6															
8502	1-5	1-6						6-21						8-32	
8505	7-13		5-31				4-15	48-102						64-161	10, misc / no 34
8507	11-37	6-22	17-67				4-22	36-110				2-14	1-3	77-275	dec / no 42
8508	8-32	2-6					1-2		3-12	1-3				15-55	2 / no 43
8509	3-16	3-13						101-431				2-5		109-465	dec / no 35
8513		8-114												8-114	B1 / no 44
8514	7-20	21-119	2-5					123-643						153-787	1, 4, 5 / nos 3641
Total	37-123	41-280	24-103	-	-	-	9-39	314-1307	3-12	1-3	-	4-19	1-3	434-1889	

Table 9.8: Later prehistoric pottery, hillfort interior, trenches H7 and H8, by fabric, sherd count and weight in grams

Fabric	A1	A2	A3	A4	A5	A6	S1	S2	S3	S4	S5	F1	F2	Total	Form / illus
Context	Sh/wt	Sh/wt	Sh/wt		Sh/wt	Sh/wt	Sh/wt	Sh/wt	Sh/wt	Sh/wt	Sh/wt	Sh/wt	Sh/wt	Sh/wt	
Tr H7															
9001			2-7											2-7	
9003	10-21	28-125	4-19		1-5		2-7	22-60	1-4			1-3		69-244	7,9 / no 4546
9005		7-17			1-3		2-3	3-9	1-5				1-3	15-40	
9006									1-5					1-5	
9008	3-6	6-16				4-9		12-21						25-52	9 / no 45
9009		1-15					1-3							2-18	9 / 45
9010		3-17			1-11	1-3		1-3						6-34	R4, dec / no 4748
Total	13-27	45-190	6-26		3-19	5-12	5-13	38-93	3-14			1-3	1-3	120-400	
Tr H8															
9501								2-10						2-10	
9504	1-4	1-4						7-46						9-54	
9506		1-3	1-3					7-26						9-32	
9507	1-3	3-8						6-19	15-88	1-2				26-120	
9509								1-6						1-6	
9510						2-3		1-7						3-10	
9513					1-10									1-10	
9514								1-7	15					2-12	
9515								5-28						5-28	
Total	2-7	5-15	1-3	-	1-10	2-3		30-149	16-93	1-2	-			58-282	

Table 9.9: Later prehistoric pottery, hillfort interior, trenches H11 and H12, by fabric, sherd count and weight in grams

Fabric	A1	A2	A3	A4	A5	A6	S1	S2	S3	S4	S5	F1	F2	Total	Form / illus
Context	Sh/wt	Sh/wt	Sh/wt	Sh/wt	Sh/wt	Sh/wt	Sh/wt	Sh/wt	Sh/wt			Sh/wt		Sh/wt	
Tr H11															
10505	13-32	25-179	7-13		1-7		3-6	15-124				2-7		66-368	4 / no 49
10506		1-3						2-11						3-14	
10509	16-43	5-21	2-6	5-10		4-12	2-17	7-24						41-133	
10510	10-18	1-3	1-18				2-8	8-66	5-15					27-128	4
10513					1-8									1-8	
Total	39-93	32-206	10-37	5-10	2-15	4-12	7-31	32-225	5-15			2-7		138-651	
Tr H12															
11001								1-10	4-27					5-37	
11002		3-17	1-5					2-10						6-32	
11004		2-5	2-14				4-28							8-47	
11005			3-15			3-24	3-12							9-51	
11006							1-13							1-13	
11013		1-4					1-5	1-4						3-13	
11017	1-3				5-113									6-116	2 / no 50
11018		1-5												1-15	3, B1 / no 5152
Total	1-3	7-31	6-34		5-113	3-24	9-58	4-24	4-27	-	-		-	39-309	

Table 9.10: Later prehistoric pottery, hillfort interior, trench H10, by fabric, sherd count and weight in grams

Fabric	A1	A2	A3	A4	A5	A6	S1	S2	S3	S4	S5	F1	F2	misc	Total	Form / illus
Context	Sh/wt	Sh/wt			Sh/wt		Sh/wt	Sh/wt		Sh/wt		Sh/wt	Sh/wt	Sh/wt	Sh/wt	
12004		4-15										6-29			10-44	
12020	10-24	12-52					3-19			2-16					27-111	
12022		1-12													1-12	
12033		20-101					1-3	1-4							22-108	4, misc / no 5354
12035							2-21	3-24							5-45	
12037					2-1										2-1	
12038					1-5										1-5	
12041		18-196					1-2	1-5						3-3	23-206	
Total	10-24	55-376	-	-	3-6	-	7-45	5-33	-	2-16	-	6-29	-	3-3	91-532	

Table 9.11: Roman pottery fabrics

Code	Description	No Sherds	%	Weight (g)	%	Eves
Fine and specialist wares						
M23 (MAH WH)	Mancetter/Hartshill white mortaria	1	0.04	26	0.12	1.08
M31 (OXF WS)	Oxfordshire White-slipped mortaria	29	1.09	864	3.85	
M41 (OXF RS)	Oxfordshire Colour-coat mortaria	46	1.73	216	0.96	0.12
F50	Unspecified colour-coated ware	1	0.04	6	0.03	
F51 (OXF RS)	Oxfordshire colour-coated ware	100	3.78	859	3.83	1.76
F52 (LNV CC)	Nene Valley colour-coated ware	14	0.53	21	0.09	0.1
F53 (NFO CC)	New Forest colour-coated ware	4	0.15	75	0.33	
S	Samian ware: general code for sherds too abraded to be assigned with confidence	2	0.08	18	0.08	
S20 (LGF SA)	South Gaulish samian	1	0.04	5	0.02	0.02
S30 (LEZ SA 2)	Central Gaulish samian	2	0.08	6	0.03	0.07
Q21 (OXF WS)	Oxfordshire white slipped ware	3	0.11	19	0.08	
Q22	Verulamium white slipped wares	1	0.04	20	0.09	
W22	Oxfordshire sandy	2	0.08	26	0.12	0.09
OF	Code used when form suggests F51, but no colour-coat survives	46	1.73	196	0.87	0.49
OM	General code for Oxfordshire oxidised mortaria (M31 or M41)	1	0.04	2	0.01	
	Fine & specialist ware sub-total	253	9.56	2359	10.5	3.73
Late Iron Age-early Roman wares						
E40	Shell tempered late Iron Age/early Roman fabric	1	0.04	5	0.02	0
	Late Iron Age-early Roman sub-total	1	0.04	5	0.02	
Roman coarse wares						
B11 (DOR BB 1)	Standard Dorset black-burnished ware	7	0.26	35	0.16	
C10	General code for unsourced shell-tempered fabrics	51	1.92	223	0.99	0.32
C11 (HAR SH)	Late Roman shell-tempered fabrics	60	2.26	444	1.98	0.81
O10	General code for fine, oxidised fabrics	89	3.35	226	1.01	0.14
O11	Oxfordshire fine oxidised sandy fabric	135	5.10	365	1.63	0.08
O20	General code for sandy oxidised fabrics	330	13.23	1224	5.45	1.24
O21	Oxfordshire sandy oxidised fabric	9	0.34	85	0.38	0.29
O22	Oxfordshire coarse sandy oxidised fabric	8	0.3	38	0.17	
O29	Compton Ware	29	1.09	472	2.1	0.76
O30	Wiltshire sandy oxidised wares (cf Purton, Whitehill farm)	21	0.79	183	0.81	0.4
O80	Coarse tempered oxidised fabrics	23	0.87	849	3.78	0.13
O81 (PNK GT)	Pink Grog-Tempered fabric	3	0.11	194	0.86	
R10	Fine reduced sandy wares	49	1.84	379	1.69	0.71
R11 (OXF FR)	Oxfordshire fine reduced sandy fabric	11	0.41	43	0.19	0.1
R20	Sandy reduced fabrics	4	0.15	48	0.21	0.22
R21	Oxfordshire reduced sandy fabric	83	3.12	1380	6.15	1.06
R30	Medium/fine fabrics	1286	48.63	10458	46.6	11.1
R34		35	1.32	516	2.3	1.26
R35	General fine, abundantly sandy fabrics, probably N. Wilts	45	1.17	819	3.65	0.59
R37	Fine sandy with occasional black iron, grog and organic inclusions, often has very light grey core	78	2.95	1457	6.49	2.63
R39 (ALH RE)	Alice Holt fine sandy reduced ware	13	0.49	441	1.96	0.51
R45	Moderately sandy reduced fabric with fine flint inclusions	18	0.68	116	0.52	0.49
R90	Coarse tempered fabrics, handmade	3	0.11	32	0.14	
	Coarse ware sub-total	2390	90.39	20027	89.2	22.9
	Total	2644	100	22456	100	26.6

Table 9.12: Roman pottery forms

Vessel Class	Code	Description	MV	EVE
Flagons	B	General code	1	0.11
	BA	Rim <60mm diameter	1	1.0
	BB	Rim >60mm diameter	1	0.30
	sub-total		3	1.41
Jars	C	General code	80	5.92
	CC	Narrow mouthed jars	3	0.54
	CD	Medium mouthed jars	1	0.17
	CE	Necked jars	54	8.77
	CF	Carinated jars	1	0.07
	CI	Everted rim jars	27	3.68
	CM	Wide mouthed jar	1	0.10
	CN	Large storage jar	2	0.13
	sub-total		169	19.38
Jar/Bowl	D	Category for types where insufficient rim survives to unable the height:diameter ratio to be determined, so unclear whether jars or bowls	11	0.87
	sub-total		11	0.87
Beakers	EE	Indented beaker	0	0
Cups	F		1	0.06
Bowls	H	Open vessels with diameter:height ratio between *c* 1:1 and 3:1	9	0.42
	HA	Carinated bowls. Young (1977) C81, C84	2	0.13
	HB	Straight sided bowls. Young (1977) C93	7	0.85
	HC	Curving sided bowls. Young (1977) C44, C46, C51, C55	12	1.45
	HD	Necked bowls. Young (1977) O27, C75.	4	0.37
	sub-total		34	3.22
Dishes	I	Indeterminate category where unsure of rim diameter:height ratio	3	0.19
	IA	Straight sided dishes. Young (1977) C93	1	0.06
	IB	Curving sided dishes	2	0.20
	sub-total		6	0.45
Mortaria	KD	Wall sided types	2	0
	KE	Tall bead/stubby flange types. Young (1977) WC5, WC7	13	1.10
	sub-total		15	1.10
Samian	DR18	Dragendorff 18	1	0
	DR31	Dragendorff 31	1	0.07
	sub total		2	0.07
Z	Z	Unidentifiable/too small for EVEs calculation	19	
Total			260	26.56

EVEs = Estimated Vessel Equivalents

MV = Minimum number of vessels

Table 9.13: Quantification of Roman pottery wares, by weight, from pit fills

Ware	Pit 1003	Pit 8004	Pit 8504	Pit 8506	Pit 9002	Pit 10504	Pit 11005	Oven 11504=11507	Pit 12019	TOTAL
F51	19	36	7		6		12	70		150
F52								21		21
M31			406					68		474
W22								12		12
B11		7								7
C10			8			11	4			23
C11	20	25			48			23		116
O10		2	29			5		5		41
O11		10						2		12
O20	5	31	33			5	34	121		229
O22								38		38
O29		375						83		458
O30		12						169		181
O35							37	18		55
O80						19				19
OF								7		7
R10		2				8		7		17
R20								18		18
R21	2	4	44			193	376	234	6	859
R30	57	849	122	18	9	117	124	1132	27	2455
R35	15					15	94	187		311
R37								437		437
R39	19	14	42			19		57	4	155
R						15				15
Total	137	1367	691	18	63	407	681	2709	37	6110

Table 9.14: Medieval pottery occurrence by number and weight in grams of sherds per context by ware type

	OXBF		Red Earthenware		Midland Blackware		English Stoneware		Mocha/Yellow Wares		Creamware		Ironstone China		Date
	11th-14thC		16th-19thC		*c* 1600-1750		L17th-19thC		1780-1850		1740-1880		1810+		
Context	No	Wt	No	Wt	No	Wt	No	Wt	No	Wt	No	Wt	No	Wt	
1			2	10											U/S
2													5	10	1810+
4					1	8							1	5	1810+
5					1	2							1	1	1810+
7			2	8									21	63	1810+
9													12	15	1810+
11							2	32	1	3			21	117	1810+
101									1	32					1780+
102			1	1											16thC+?
301													2	21	1810+
1000							1	21							U/S
3005	1	9													11thC+
6000													1	1	1810+
6500			3	16							1	2			U/S
6501			1	2			1	15							L17thC+?
7002									1	14	3	6	2	4	1810+
7005											2	5	11	37	1810+
8502			3	3									1	1	1810+
9000													1	4	1810+
11000													1	1	1810+
12000									1	14			8	10	1810+
Total	1	9	12	40	2	10	4	68	4	63	6	13	88	290	

Table 9.15: Fired clay by context

Context	Fabric	No	Wt	Type
The Barrows				
3007	AVE2	2	40	Amorphous
4010	AVE2	5	17	Amorphous
The Hillfort Interior				
6001	AN	2	5	Amorphous
7001	SA3	1	2	Amorphous
7503	SA3	1	30	Daub
7505	SA3	1	6	Amorphous
7505	S5	5	14	Amorphous
7505	AN	1	9	Amorphous
7508	SA3	1	3	Amorphous
7508	AN	1	5	Amorphous
7512	SA3	9	3066	Structural Clay
7515	SA3	1	15	Structural Clay
7515	AVE2	4	15	Amorphous
7521	AN	5	7	Amorphous
7542	SA3	1	82	Structural Clay
8505	SA3	1	11	Daub
8505	AN	1	5	Amorphous
8507	AM2	1	4	Amorphous
8508	AVE2	2	7	Daub
8509	SP3	3	13	Amorphous
8509	AN	2	6	Amorphous
8514	AN	4	24	Amorphous
9007	A3	1	1	Amorphous
11000	AN	1	6	Amorphous
Total		56	3393	

Table 9.16: Composition of flint

Site	Flakes	Blades, blade-like flakes	Chips	Irregular waste	Cores, core fragments	Retouched forms	Total	Burnt unworked flint (g)
Ramparts	81	1	2	5	9	3	101	-
White Horse	64	1	1	-	2	2	70	-
Round barrow	175	6	-	4	3	1	189	2 (15)
Hillfort interior 1994, 1-3	71	-	-	2	-	2	75	6 (144)
Enclosure and linear ditch	168	2	-	3	3	3	179	1 (1)
Hillfort interior 1995, 4-13	93	2	-	1	1	3	100	6 (45)
Total	652	12	3	15	18	14	714	15 (205)

Table 9.17: Flint: core typology

Site	Single platform	Multi-platform	Keeled	Discoidal	Tested Nodule	Fragment	Total
Ramparts	-	2 (207 g; 76 g)	-	1 (16 g)	2	4	9
White Horse	-	-	-	-	1	1	2
Round barrow	1 (25 g)	-	1 (39 g)	-	-	1	3
Enclosure and linear ditch	1 (88 g)	-	-	1 (58 g)	-	2	4
Hillfort interior 1995, 4-13	1 (29 g)	-	-	-	-	-	1
Total	3	2	1	2	3	8	19

Table 9.18: Flint: retouched forms

Site	Scraper	Knives	Retouched flakes	Serrated flakes	Piercer/denticulate	Miscellaneous	Total
Ramparts	1 (end and side)	1	1	-	-	-	3
White Horse	-	-	-	1	1 (piercer)	-	2
Round barrow	-	-	-	-	-	1	1
Hillfort interior 1994, 1-3	-	1	-	1	-	-	2
Enclosure	-	-	1	-	-	2 (1 unfinished arrowhead, 1 scraper/piercer)	3
Hillfort interior 1995, 4-13	-	-	1	1	1 (denticulate)	-	3
Total	1	2	3	3	2	3	14

Table 9.19: Flint from old ground surfaces (various trenches)

Site	Context	Flakes	Blades, blade-like flakes	Chips	Irregular waste	Cores	Retouched forms	Total
Ramparts	30	8	-	2	2	-	-	12
	107	2	-	-	-	-	-	2
White Horse	2004	19	1	-	-	1 (tested nodule)	-	21
	520	3	-	-	-	-	1 (piercer)	4
	728	3	-	-	-	-	-	3
Round barrow	4012	12	-	-	-	-	-	12
	4043	1	-	-	-	-	-	1
Hillfort interior 1995 4-13	7012	16	-	-	-	-	-	16
	Total	64	1	2	2	1	1	71

Table 9.20: Catalogue of worked stone

Context	SF	Trench	Description	Stone	Context type	Dating
The barrows						
3030	-	Round barrow	Piece with a groove, perhaps an arrow-shaft smoother; 60.5 x 37.5 x 28 mm, 65 g	Iron sandstone	Martin-Atkins' investigations, ditch fill	EBA pottery x 4, IA pottery x 24 ?RB x 5
The hillfort ramparts						
41	16	1	Fragment with grinding surface, burnt, probably from saddle quern; 89.5 x 77 x 59 mm, 425 g	Sarsen	North-east entrance, fill in secondary ditch	No real dating evidence; IA?
The hillfort interior						
6000	-	1	Fragment rubber material, with smooth, ?worn surface; 51 x 40 x 28 mm, 55 g	Iron sandstone	North-west corner; topsoil	Post-med
7005	-	3	Half of spindlewhorl; rather a crude disc type; 57.5 x 34 x 22mm, 30 g	Chalk	South-west corner; rampart deposit, or may be early erosion of rampart	IA? (one sherd of Roman pottery from this deposit)
7008	-	3	Small piece with indentation on each side; possibly support for bow drill? 61 x 56 x 28 mm, 80 g	Chalk	South-west corner and ramparts; layer, probably material eroded from the ramparts	IA and later?
8507	-	6	Fragment from loomweight, trace of hole; 860 g	Chalk	Area A	IA or Roman
8508	855	6	Complete loomweight, with 2 grooves across it and hole at one end; 169.5 x 109 x 61 mm, 850 g	Chalk	Area A	IA or Roman
8508	856	6	5 fragments, 2 with possible traces of hole, probably from loomweights; 1.330 kg	Chalk	Area A	IA or Roman
8509	853	6	Fragment from whetstone, hole in one corner; thin section R 300; 42 x 28.5 x 6mm, 20 g	Flaggy iron sandstone	Area A	possibly late Bronze Age or IA
8509	860	6	Spherical hammerstone, with 2 battered areas; 65.5 x 63 x 56 mm, 295 g	Flint	Area A	IA or Roman
9009	955	7	Complete loomweight (in 2 pieces), with hole at one end; 190 x 118.5 x 9.35 mm, 1.7 kg	Chalk	Area B	IA or Roman
12002	-	10	Fragment with one worn surface, possibly rubber; 49.5 x 43 x 30.5 mm, 105 g	Iron sandstone	Area E	IA or Roman
12020	-	10	2 possible loomweight fragments; 300 g	Chalk	Area E	IA or Roman

EBA = early Bronze Age: IA = Iron Age: RB = Romano-British: Post-med = post-medieval

Table 9.21: Catalogue of burnt stone

Context	SF	Trench	Description	Stone	Context type	Dating
The White Horse						
5000	-	3	2 fragments	1 quartzite, 1 cherty sarsen	Belly and hind legs; turf	Modern
The hillfort ramparts						
5	-	1	1 fragment	1 unident	North-east entrance, modern alterations	Modern
7	-	1	1 fragment	1 unident	North-east entrance, secondary ditch, erosion wash layer over final fill	Modern
30	-	1	1 fragment	1 quartzite	North-east entrance, old ground surface (Phase 1)	LBA/EIA
The hillfort interior						
6000	-	1	2 fragments	1 quartzite, 1 iron sandstone	North-west corner, topsoil	Modern
6001	-	1	4 fragments	4 flint	North-west corner, ploughsoil	Modern
6500	-	2	16 fragments	8 flint, 4 quartzite, 4 misc	Centre, topsoil	Modern
6501	-	2	18 fragments	12 flint, 6 quartzite	Centre, ploughsoil	Modern
7000	-	3	1 fragment	1 quartzite	South-west corner and rampart, topsoil	Modern
7001	-	3	2 fragments	2 quartzite	South-west corner and rampart, layer under rampart deposits	Roman
7002	-	3	3 fragments	2 quartzite, 1 iron sandstone	South-west corner and rampart, plough disturbed layer, mainly material eroded from ramparts	Modern
7008	-	3	3 fragments	3 cherty sarsen	South-west corner and rampart, layer, probably material eroded from ramparts	Modern
7012	-	3	1 fragment	1 quartzite	South-west corner and rampart, old ground surface	LBA/EIA
7505	-	4	1 fragment	1 quartzite	Blocked entrance; pit fill	IA
9010	956	7	1 fragment	1 quartzite	Area B; fill of pit 9002	EIA
9501	-	8	3 fragments	3 quartzite	Area B; subsoil	Modern
11004	1353	12	Part of split pebble	1 quartzitic sandstone	Area D; fill of pit 11003	MIA
12041	1556	10	1 fragment	1 quartzite	Area E; fill of 12003	EIA

LBA = late Bronze Age: EIA = early Iron Age: MIA = middle Iron Age

Table 10.1: Species representation according to NISP in all phases (excluding burials)

	Old ground surface	Round barrow	Ramparts and gateway	Interior of hillfort			Total
	Beaker	EBA	IA	EIA	MIA	RB	
Cattle	2	4	16	16	9	85	132
Sheep/goat	9	10	51	33	12	183	297
Goat						1	1
Pig	3		14	9	2	39	67
Horse	2			3	2	17	24
Dog			2	1	2	19	24
Roe deer			2			1	3
Red deer			5			3	8
Fox						1	1
Rabbit				1			1
Rodent	1		6	4	1	80	92
Large mammal	2	4	21	12	2	154	195
Medium mammal	8	6	54	42	15	173	298
Small mammal					1	1	2
Domestic fowl						4	4
Bird indet					2	1	3
Amphibian indet				1	1	1	2
Human				1		1	2
Unidentified	34	55	244	139	190	1371	2033
Total	61	79	415	262	239	2134	3190

Table 10.2: Old ground surface: species and body part representation according to NISP

Species Body part	Cattle	Sheep	Pig	Horse	Large mammal	Medium mammal	Rodent	Total
Mandible	1		1					2
Lower premolar			1					1
Upper premolar	1							1
Humerus		2	1					3
Radius		3						3
Pelvis				2				2
Tibia		4					1	5
Unidentified					2	8		10
Total	2	9	3	2	2	8	1	27

Table 10.3: Old ground surface: incidence of gnawing

Species	Gnawed
Cattle	1
Sheep	6
Large mammal	1
Total	8

Table 10.4: The round barrow: species and body part representation according to NISP

Species Body part	Cattle	Sheep	Large mammal	Medium mammal	Unidentified	Total
Skull frag			1	1		2
Mandible		1				1
Lower incisor	1					1
Upper molar		1				1
Scapula	1					1
Humerus	1					1
Radius	1	2				3
Pelvis		1				1
Femur		1				1
Tibia		2	1			3
Metapodial		1				1
Phalanx II		1				1
Rib				1		1
Vert frag				1		1
Unidentified			2	3	55	60
Total	4	10	4	6	55	79

Table 10.5: Iron Age ramparts and eastern gateway: species and body part representation according to NISP (and MNI for major domesticates)

Species Body part	Cattle	Sheep	Pig	Dog	Red deer	Roe deer	Large mammal	Medium mammal
Antler						1		
Antler frag					2	1		
Occipital condyle		1						
Skull frag			1				1	
Lower incisor		2	5					
Lower premolar		2						
Lower molar	3	3						
Upper premolar	1							
Upper molar	1	7		1				
Tooth		1	1					
Tooth frag	1	1					1	
Humerus		2	3		1		1	
Radius	2	7						
Ulna	1	1						
Pelvis					1			
Femur		3	2					
Tibia	3	3						
Pisiform		1						
Metacarpal	3	4						
Metatarsal	1	2			1			
Metapodial		6	1	1				
Lateral metapodial			1					
Phalanx I		2						
Phalanx II		1						
Thoracic vertebra								1
Caudal vertebra								1
Vert frag		2					2	2
Rib								1
Unidentified							16	49
Total	16	51	14	2	5	2	21	54
MNI	3	3	2	1	1	1		

Table 10.6: Iron Age ramparts and eastern gateway: incidence of taphonomy

Species	Gnawed	Cut	Burnt
Cattle	6	2	2
Sheep/goat	5		4
Pig	2		1
Roe deer			2
Red deer		1	1
Rodent			
Large mammal	5	1	2
Medium mammal	4		2
Unidentified	2		62
Total	24	4	76

Table 10.7: Early Iron Age interior of hillfort: species and body part representation according to NISP (and MNI for major domesticates)

Species Body part	Cattle	Sheep	Pig	Dog	Horse	Large mammal	Medium mammal
Zygomatic		1					
Occipital condyle		2			1		
Maxilla		1					
Skull frag							
Mandible	3	2					
Hyoid		1					
Lower incisor	3		1				
Lower premolar		1					
Lower molar	1	3					
Upper premolar		2					
Upper molar	4	4					
Tooth					1		
Tooth frag	1						
Atlas		1					
Scapula	1		1	1			
Humerus	1	1				1	
Radius		4					
Ulna			1				
Pelvis		1					
Femur	1	1	1				
Tibia		2	2		1	1	
Fibula			1				
Navicular cuboid		1					
Metacarpal		1					
Metatarsal		1					
Metapodial	1	1	1				
Phalanx I		2	1				
Thoracic vertebra							1
Vert frag						2	2
Rib						1	2
Unidentified						7	37
Total	16	33	9	1	3	12	42
MNI	1	2	1	1	1		

Table 10.8: Early Iron Age interior of hillfort: incidence of taphonomy

Species	Gnawed	Cut	Chop	Burnt
Cattle	3		1	
Sheep	4	2		2
Pig	1			
Large mammal	2			
Medium mammal				4
Unidentified	2			12
Total	12	2	1	18

Table 10.9: Early Iron Age interior of hillfort: contexts containing significant quantities of animal bone

Species	8514	9005	9008
Cattle		4	
Sheep	8	7	2
Pig	1		2
Horse			
Dog			
Rabbit		1	
Rodent			
Large mammal			2
Medium mammal	5	4	2
Amphibian indet			
Human			
Unidentified	16	23	21
Total	30	39	29

Table 10.10: Early Iron Age: metrical data

Species	Element	Type *	Measurement (mm)
Pig	Scapula	GLp	30.9
Pig	Scapula	SLC	23.2
Horse	Tibia	Bd	62.2
Horse	Tibia	Dd	39.5

* von den Driesch (1976)

Table 10.11: Middle Iron Age interior of hillfort: species and body part representation according to NISP (and MNI for major domesticates)

Species Body part	Cattle	Sheep	Pig	Dog	Horse	Large mammal	Medium mammal
Zygomatic	1						
Maxilla							
Lower canine			1				
Lower incisor	1						
Lower premolar		2					
Lower molar		1					
Upper premolar	1						
Tooth frag							
Humerus		1		1			
Radius	2	1			1		
Ulna	1			1			
Radius and ulna	1						
Pelvis	1						
Femur		1					
Tibia	1	2					
Calcaneum		1					
Unciform		1					
Metapodial		1					
Lateral metapodial			1				
Phalanx II		1			1		
Cervical vertebra							1
Vert frag							2
Rib						1	1
Unidentified						1	11
Total	9	12	2	2	2	2	15
MNI	1	1	1	1	1		

Table 10.12: Middle Iron Age interior of hillfort: incidence of taphonomy

Species	Gnawed	Cut	Chop	Burnt
Cattle	1			
Sheep	1	1		1
Horse	1			
Medium mammal	2			4
Unidentified			1	4
Total	5	1	1	9

Table 10.13: Middle Iron Age interior of hillfort: contexts containing significant concentrations of animal bone

Species	8010	8012
Cattle	1	
Sheep	3	
Medium mammal	3	
Unidentified	100	63
Total	107	63

Table 10.14: Romano-British interior of hillfort: species and body part representation according to NISP (and MNI of major domesticates)

Species Body part	Cattle	Sheep	Goat	Pig	Horse	Dog	Red deer	Roe deer	Fox	Large mammal	Medium mammal	Domestic fowl
Antler							1					
Antler frag								1				
Horn core	2	4										
Occipital condyle	1	1										
Zygomatic	1	1										
Maxilla	1					1						
Skull						1						
Skull frag	14	2								6		
Mandible	1	9				4						
Lower canine						3						
Lower incisor	1	4		1		2						
Lower molar	2	14		3	1	2						
Lower premolar	1	9		1								
Upper incisor				1								
Upper molar	1	12		1		1						
Upper premolar	1	5				2						
Tooth				1								
Tooth frag	2	4		3		2						
Hyoid		1										
Atlas		1										
Axis	1	1										
Scapula	8	3		4						6		
Humerus	6	11	1	2						2		1
Radius	4	9		2	3							
Ulna	1	3		1	2					1		1
Radius and ulna	1											
Pelvis	6	4		2			1					
Femur	7	12		1			1		1			1
Tibia	4	24			2					1		
Calcaneum	1	5			3							
Astragalus	3	5			3							
Cuneiform	2											
Intermediate		1										
Pisiform					1							
Carpal indet					2							
Metacarpal		4										1
Metapodial	1	12		6								
Metatarsal		4										
Lateral metapodial				5								
Phalanx I	5	8		4		1						
Phalanx II	2	6										
Phalanx III	5	4		1								
Cervical vertebra										1	3	
Thoracic vertebra										1	4	
Lumbar vertebra										1	9	
Caudal vertebra											1	
Vert frag										19	18	
Rib										7	19	
Unidentified										109	119	
Total	85	183	1	39	17	19	3	1	1	154	173	4
MNI	2	8	1	2	3	2	1	1				

Table 10.15: Romano-British interior of hillfort: incidence of taphonomy

	Gnawed	Cut	Chop	Burnt
Cattle	10	7	2	
Sheep	17	3	6	19
Pig	1	1		2
Horse	1	4	1	
Dog				1
Roe deer			1	
Red deer			1	
Large mammal	4	7	2	1
Medium mammal	4	1	3	5
Domestic fowl	1			
Total	38	23	16	28

Table 10.16: Romano-British interior of hillfort: estimated age of cattle according to epiphyseal fusion

Body part	Fused	Unfused
Humerus,d	2	
Radius,p	2	
Scapula		
Pelvis	1	
Phalanx II	2	
Phalanx I	5	
Tibia,d	1	
Metapodial		
Calcaneus		
Femur,p	1	2
Humerus,p		
Radius,d	2	1
Ulna,p	2	
Femur,d	1	1
Tibia,p	1	1

p = proximal: d = distal

Table 10.17: Romano-British interior of hillfort: estimated age of sheep according to epiphyseal fusion

Body part	Fused	Unfused
Humerus,d	2	
Radius,p		1
Scapula		
Pelvis	1	
Phalanx II	5	1
Phalanx I	6	2
Tibia,d	1	2
Metapodial	4	2
Calcaneus	4	
Femur,p	2	1
Humerus,p		
Radius,d	1	
Ulna,p		
Femur,d		
Tibia,p	2	1

p = proximal: d = distal

Table 10.18: Romano-British interior of hillfort: estimated age of pig according to epiphyseal fusion

Body part	Fused	Unfused
Humerus,d		1
Radius,p		
Scapula		1
Pelvis	1	1
Phalanx II		
Phalanx I		4
Tibia,d		
Metapodial		4
Calcaneus		
Femur,p		
Humerus,p		
Radius,d		1
Ulna,p		1
Femur,d		
Tibia,p		

p = proximal: d = distal

Table 10.19: Estimated age of sheep according to toothwear

Phase	Wear stage *				Estimated age
	dp4	M1	M2	M3	
Iron Age				G	4-6 years
Early Iron Age	g	b			6-12 mths
Middle Iron Age	h				12-24 mths
Romano-British	f				2-6 mths
Romano-British		e	b		6-12 mths
Romano-British	g				6-12 mths
Romano-British	h	g	e	V	12-24 mths
Romano-British	h				12-24 mths

* Grant 1982

Table 10.20: Romano-British interior of hillfort: contexts containing significant concentrations of animal bone

Context Species	8005	8505	8507	9003	10505	11004	11505
Cattle		22	1	2	9	28	18
Sheep	43	23	15	19	14	29	28
Goat				1			
Pig	9	6	2	4	4		10
Horse	1	4		1	11		
Dog					19		
Roe deer							
Red deer			2				1
Rodent	42	2	1	17	3		0
Large mammal	11	23	4	9	37	41	25
Medium mammal	39	20	14	26	16	34	20
Small mammal		1					
Domestic fowl					1		3
Bird indet						1	1
Fox						1	
Unidentified	418	215	82	113	210	79	196
Total	563	316	121	192	324	213	302

Table 10.21: Romano-British: metrical data

Species	Element	Type *	Measurement (mm)	ABMAP		
				Range	Mean	n
Cattle	Humerus	Bd	84.3	71.2-74.4		2
Cattle	Humerus	BT	76.8	59.5-80.5	70.59	8
Cattle	Humerus	HT	44.9			
Cattle	Humerus	HTC	33.4			
Cattle	Humerus	SD	14.1	26.9		1
Cattle	Radius	BFd	48	55-73.8		3
Cattle	Radius	BFd	50.6	55-73.8		3
Cattle	Radius	BFp	75.5			
Cattle	Radius	BFp	67.5			
Cattle	Radius	Bp	76	69.5-90.8		6
Cattle	Radius	Bp	74.8	69.5-90.8		6
Cattle	Radius	GL	260	241		1
Cattle	Radius	SD	36.2	33-46.2		5
Cattle	Astragalus	GLl	58.1	52.2-74.2	61.74	20
Cattle	Astragalus	GLl	59.6	52.2-74.2	61.74	20
Cattle	Astragalus	GLl	63.7	52.2-74.2	61.74	20
Cattle	Astragalus	GLm	53	40.5-66	55.46	23
Cattle	Astragalus	GLm	56	40.5-66	55.46	23
Cattle	Astragalus	GLm	59.2	40.5-66	55.46	23
Goat	Humerus	SD	14.1			
Sheep	Horn core	Max	30.6			
Sheep	Horn core	Max	29.1			
Sheep	Horn core	Min	22.6			
Sheep	Horn core	Min	22.5			
Sheep	Humerus	Bd	26.2	24.5-33.9	27.55	17
Sheep	Humerus	Bd	28.9	24.5-33.9	27.55	17
Sheep	Humerus	BT	25.7	22.5-31.1	25.15	22
Sheep	Humerus	BT	26.9	22.5-31.1	25.15	22
Sheep	Humerus	HT	16.3			
Sheep	Humerus	HT	16.9			
Sheep	Humerus	HTC	11.9			
Sheep	Humerus	HTC	13			
Sheep	Radius	BFd	22			
Sheep	Pelvis	LA	27.1			
Sheep	Tibia	Bd	24.3	21-24.6		2
Sheep	Metacarpal	Bp	19.8	17.6-24.3	21.43	18
Sheep	Astragalus	GLl	27.7	29.7		1
Sheep	Astragalus	GLl	26.1	29.7		1
Sheep	Astragalus	GLl	27.4	29.7		1
Sheep	Astragalus	GLl	28.5	29.7		1
Sheep	Astragalus	GLm	26.8	26-29.4		3
Sheep	Astragalus	GLm	25.8	26-29.4		3
Sheep	Astragalus	GLm	25.4	26-29.4		3
Sheep	Astragalus	GLm	27.2	26-29.4		3
Sheep	Calcaneus	G	50.5	50.5--52.2		3
Sheep	Calcaneus	GL	47.9			
Pig	Pelvis	LAR	67.9			
Horse	Radius	SD	34.6	29-39.5	35.24	8
Horse	Tibia	Bd	66.8	59.4-71	64.24	11
Horse	Tibia	Dd	43.1	37-45.5	39.59	13

*von den Driesch 1976

Table 10.22: Summary of skeletal data

Monument	Context	Date	Description	MNI	Age	Sex	Comments
Round barrow	3009	Roman	Atkins investigations – disarticulated	1	Adult	?	Animal bone
	3010	Roman	Atkins investigations – disarticulated	1	Adult	?	
	3017	Roman	Atkins investigations – disarticulated	2	Adult Subadult	? -	Degeneration of vertebrae
	3020	Roman	Atkins investigations – disarticulated	2	Adult Adult	? ?	2 burnt fragments, animal bone
	3038	Roman	Atkins investigations – disarticulated	3	Adult Adult Subadult	M F -	
Long barrow	4000	Roman	Disarticulated bone from modern topsoil	1	Adult	?	
	4007	Roman	Atkins investigations – disarticulated	1	Subadult	-	3 burnt fragments
	4015	?	Disarticulated bone from disturbed mound contexts	1	Adult		
	4022	Roman	Atkins investigations – disarticulated	1	Subadult	-	
	4024	Roman	Atkins investigations – disarticulated	1	Subadult	-	
	4028	Roman	Atkins investigations – articulated	1	Subadult	-	
	4032	Roman	Atkins investigations – disarticulated	1	Subadult	-	
	4034	Roman	Atkins investigations – articulated	1	Subadult	-	
	4036	Roman	?articulated	1	Subadult	-	Skull only
	4039	Roman	?articulated	1	Subadult	-	Skull only
	4045	Roman	Atkins investigations – disarticulated	1	Adult	?	
	4047	Roman	Atkins investigations – articulated	1	Adult	M	
	4048	Roman	Articulated	1	Adult	?	Prone, skull at knees
The enclosure	26	Roman?	Articulated burial	1	Adult	M	

Table 10.23: Catalogue of inhumations

Skeleton	Description
Skeleton 26	
Preservation and completeness Age Sex Stature Dental pathology Dental anomalies Dentition 8 7 6 5 4 3 2 1 1 2 3 4 5 6 7 8 8 7 6 5 4 3 2 1 1 2 3 4 5 6 7 8	Missing extremities, few complete bones 25-35 y M 1.71 m Medium periodontal disease Rotation and crowding of anterior dentition
Skeleton 4028	
Preservation and completeness Age	Poor, no complete bones Subadult, less than 12 y
Skeleton 4034	
Preservation and completeness Age	Poor, few complete bones Subadult, 11-13 y
Skeleton 4047	
Preservation and completeness Age Sex Stature	Fair, extremities largely absent Young adult Male 1.67 m

Table 10.24: Charred plant remains

		IRON AGE											ROMAN			
		EIA eastern gateway postholes trench H4				EIA Pit 12003 trench H10	MIA Pit 8004 trench H5			EIA or MIA Pit 9002 trench H7		MIA Pit 11003 trench H12	Oven 11504/11507 trench H13			
Posthole		7506	7557	7559	7527											
Context		7514	7558	7560	7528	12037	8005	8008	8010	9003	9009	11017	11505	1150	11508	11509
Sample		1	2	3	4	2	1	2	3	10	11	2	1	2	3	4
Sample volume (litres)		9	10	7	4	7	15	12	10	7	5	2	4	8	8	6
No. of items / litre		0.7	0.1	2.0	29.0	0.6	0.8	0.4	0.5	0.3	0.4	1.0	3.8	3.1	6.8	5.3
CEREAL GRAIN																
Triticum spelta L.	spelt wheat	-	-	-	-	-	-	-	-	-	-	-	1	-	-	2
T. dicoccum Schübl. or spelta L.	emmer or spelt wheat	-	-	1	-	-	-	-	1	-	-	-	1	2	7	5
Triticum sp.		-	-	1	4	-	2	-	1	-	-	-	4	3	8	4
Hordeum vulgare L. - hulled lateral grain	six-row hulled barley	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
H. vulgare L. - lateral grain	six-row barley	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Hordeum sp. - hulled median grain	hulled barley	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Hordeum sp. - median grain	barley	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-
Hordeum sp. - hulled grain	hulled barley	1	-	1	1	-	-	1	-	-	-	-	1	1	2	-
Hordeum sp.	barley	-	-	1	9	-	1	-	-	-	1	-	-	2	-	-
Avena sp.	oats	-	-	-	-	1	-	-	-	-	-	-	-	-	1	-
Cereal indet.		-	1	10	59	-	8	3	2	2	-	-	7	13	29	16
Total cereal grain		1	1	14	76	1	11	4	4	2	1	0	14	21	48	28
CHAFF																
Triticum cf. dicoccum Schübl.	emmer wheat	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
T. spelta L.	spelt wheat	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
OTHER CROPS AND NUTS																
Pisum sativum L.	pea	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Corylus avellana L. - nut shell frags.	hazel	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
WEED SEEDS																
Agrostemma githago L.	corn cockle	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Vicia or *Lathyrus* sp.	vetch or tare	-	-	-	-	-	1	-	-	-	-	-	-	1	1	3

		IRON AGE											ROMAN			
		EIA eastern gateway postholes trench H4				EIA Pit 12003 trench H10	MIA Pit 8004 trench H5			EIA or MIA Pit 9002 trench H7		MIA Pit 11003 trench H12	Oven 11504/11507 trench H13			
Posthole		7506	7557	7559	7527											
Context		7514	7558	7560	7528	12037	8005	8008	8010	9003	9009	11017	11505	1150	11508	11509
Sample		1	2	3	4	2	1	2	3	10	11	2	1	2	3	4
Sample volume (litres)		9	10	7	4	7	15	12	10	7	5	2	4	8	8	6
No. of items / litre		0.7	0.1	2.0	29.0	0.6	0.8	0.4	0.5	0.3	0.4	1.0	3.8	3.1	6.8	5.3
Fallopia convolvulus (L.) Löv.	black bindweed	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-
Galium aparine L.	goosegrass	2	-	-	28	-	-	1	1	-	-	2	-	-	-	-
Galium sp.	goosegrass etc	1	-	-	8	-	-	-	-	-	-	-	-	-	-	-
Carex sp.	sedge	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Bromus cf. *secalinus* L.	brome grass	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Gramineae indet.	grass	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-
weed indet		-	-	-	2	2	-	-	-	-	1	-	-	1	-	-
Total weed seeds		3	0	0	38	3	1	1	1	0	1	2	1	4	4	4
TUBERS																
Arrhenatherum elatius (L.) Beauv.	onion couch	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 10.25: Molluscs from Uffington barrows and Uffington Hillfort pit

	Long Mound	Round Barrow		Ring Ditch	Storage Pit	
Context	4030	3023	3015		8512	8505
Sample				4	3	2
Pomatias elegans (Müll.)	24	-	-	6	-	-
Carychium tridentatum (Risso)	59	2	11	-	-	11
Cochlicopa sp.	6	3	1	12	2	1
Vertigo pygmaea (Drap.)	2	2	-	12	5	10
Pupilla muscorum (Müll.)	10	5	1	94	28	48
Vallonia costata (Müll.)	3	-	5	20	6	74
V. excentrica Sterki	4	3	1	45	17	66
Vallonia sp.	11	6	11	81	54	92
Acanthinula aculeata (Müll.)	2	-	-	-	-	-
Ena montana (Drap.)	3	-	-	-	-	-
Punctum pygmaeum (Drap.)	-	-	-	4	5	4
Discus rotundatus (Müll.)	4	-	-	1	-	1
Vitrina pellucida (Müll.)	-	-	-	-	1	-
Vitrea cf. *contracta* (West.)	3	-	4	-	-	-
Aegopinella pura (Ald.)	3	-	1	1	-	-
A. nitidula (Drap.)	2	-	4	-	-	-
Oxychilus cellarius (Müll.)	7	-	-	2	-	2
Limax or *Deroceras* sp.	-	-	1	1	1	18
Cecilioides acicula (Müll.)	-	-	-	56	-	-
Macrogastra rolphii (Turton)	1	-	-	-	-	-
Clausilia bidentata (Ström)	8	1	-	2	-	2
Helicella itala (L.)	1	6	4	29	2	22
Trichia hispida gp.	1	5	1	40	-	84
Cepaea sp.	1	2	-	-	-	-
Arianta or *Cepaea* sp.	4	4	-	-	-	1
Total (excluding *C. acicula*)	159	39	45	350	121	436

Table 10.26: Molluscs from Uffington Hillfort rampart

Context	31	30	26
Pomatias elegans (Müll.)	-	1	-
Pupilla muscorum (Müll.)	-	-	41
Vallonia costata (Müll.)	-	-	1
V. excentrica Sterki	2	-	12
Vallonia sp.	2	-	13
Discus rotundatus (Müll.)	1	-	-
Vitrea sp.	1	-	2
Limax or *Deroceras* sp.	-	-	3
Clausilia bidentata (Ström)	1	-	-
Helicella itala (L.)	-	-	18
Trichia hispida gp.	2	-	2
Arianta arbustorum (L.)	1	-	-
Cepaea sp.	1	-	1
Total	11	1	93

Table 10.27: Molluscs from Uffington Hillfort ditch

Context	65	56	55	54	50	53	63	41	42
Sample	9	8	5	6	7	4	3	2	1
Pomatias elegans (Müll.)	-	-	-	-	-	-	1	-	-
Carychium tridentatum (Risso)	44	8	41	6	8	13	104	39	1
Cochlicopa sp.	4	13	6	11	3	5	33	7	-
Vertigo pygmaea (Drap.)	-	19	6	18	12	5	7	3	1
Pupilla muscorum (Müll.)	2	60	18	36	23	54	30	23	33
Vallonia costata (Müll.)	5	18	23	29	6	5	8	19	1
V. excentrica Sterki	12	73	15	64	12	12	13	14	11
Vallonia sp.	8	147	95	202	28	28	37	27	11
Ena obscura (Müll.)	-	-	-	-	-	-	-	1	-
Punctum pygmaeum (Drap.)	2	5	4	1	4	-	2	1	1
Discus rotundatus (Müll.)	-	1	1	-	2	5	51	3	2
Vitrea pellucida (Müll.)	-	-	1	-	-	-	1	-	-
V. cf. *Contracta* (West.)	2	-	-	1	-	-	6	-	-
Nesovitrea hammonis (Ström)	3	4	-	7	-	-	1	1	-
Aegopinella pura (Ald.)	2	1	-	-	2	-	10	-	-
A. nitidula (Drap.)	-	8	5	8	-	-	10	5	-
Oxychilus cellarius (Müll.)	7	-	1	-	1	5	26	3	-
Limax or *Deroceras* sp.	1	12	5	3	3	7	16	3	7
Euconulus fulvus (Müll.)	-	-	-	-	-	-	1	-	-
Cecilioides acicula (Müll.)	-	-	-	-	-	-	3	-	2
Clausilia bidentata (Ström)	3	1	4	2	1	-	6	2	-
Helicella itala (L.)	6	22	10	21	6	14	14	11	16
Trichia hispida gp.	27	472	210	391	60	41	36	79	39
T. striolata (Pfeif.)	-	-	-	-	-	2	23	4	-
Arianta arbustorum (L.)	-	-	-	-	1	-	1	1	1
Cepaea nemoralis (L.)	-	1	-	-	-	-	-	-	-
Cepaea sp.	-	-	1	-	-	-	1	1	-
Arianta or *Cepaea* sp.	1	-	-	1	1	1	-	-	1
Total (excluding *C. acicula*)	129	865	446	801	173	197	438	247	125

Table 10.28: Molluscs from the Uffington White Horse

	Belly of Horse						Terrace below Horse		
Context	1019/1020	1015/1018	1016	1005	1004	1000	1024/1025	1023	1000
Pomatias elegans (Müll.)	1	1	1	-	-	2	1	1	-
Carychium tridentatum (Risso)	-	-	1	-	-	2	-	-	10
Cochlicopa sp.	-	-	-	-	-	1	-	-	6
Vertigo pygmaea (Drap.)	2	-	-	7	12	15	-	2	24
Abida secale (Drap.)	4	4	5	6	21	7	-	-	17
Pupilla muscorum (Müll.)	11	2	5	21	36	19	4	7	13
Vallonia costata (Müll.)	-	-	-	-	-	1	-	-	-
V. excentrica Sterki	-	-	-	-	-	4	-	-	5
Vallonia sp.	1	-	-	-	-	4	-	-	15
Punctum pygmaeum (Drap.)	-	-	-	1	6	4	-	1	26
Vitrea cf. *Crystallina* (Müll.)	-	-	-	-	1	-	-	-	-
V. cf *contracta* (West.)	1	-	2	3	17	14	1	-	18
Nesovitrea hammonis (Ström)	-	-	-	-	-	-	-	1	1
Aegopinella pura (Ald.)	-	-	-	-	1	4	-	-	5
A. nitidula (Drap.)	-	-	-	-	2	4	-	-	12
Limax or *Deroceras* sp.	2	-	-	2	6	1	1	-	1
Cecilioides acicula (Müll.)	-	-	1	2	13	12	1	-	-
Cernuella virgata (da Costa)	-	-	-	-	-	4	-	1	2
Helicella itala (L.)	2	-	3	3	4	-	1	1	-
Trichia hispida gp.	10	2	14	46	159	42	10	17	47
Arianta or *Cepaea* sp.	1	1	1	-	-	-	1	-	-
Total (excluding *C. acicula*)	35	10	32	89	265	128	19	31	202

Table 10.29: Molluscs from Uffington White Horse Manger sequence

Context	2010	2008	2004	2004	2004	2003	2002	2002	2002	2001	2000
Depth (m)	1.00-1.10	offset	0.90-1.00	0.80-0.90	0.70-0.80	0.60-0.70	0.50-0.60	0.40-0.50	0.31-0.40	0.20-0.31	0-0.20
Pomatias elegans (Müll.)	-	5	7	11	7	4	7	3	3	1	2
Carychium tridentatum (Risso)	-	102	16	17	4	42	4	-	-	6	12
Cochlicopa sp.	1	12	1	-	-	-	3	2	1	1	2
Vertigo pygmaea (Drap.)	-	6	2	3	5	8	2	2	2	9	3
Abida secale (Drap.)	2	-	-	-	-	-	-	-	-	-	-
Pupilla muscorum (Müll.)	4	4	-	3	6	5	2	1	2	63	2
Vallonia costata (Müll.)	3	13	6	4	28	19	7	5	-	9	6
V. pulchella (Müll.)	3	-	-	-	-	-	-	4	2	-	-
V. excentrica Sterki	-	7	-	2	1	5	10	5	3	12	27
Vallonia sp.	4	11	6	21	16	43	30	23	19	24	74
Acanthinula aculeata (Müll.)	-	16	1	-	-	2	-	-	-	-	-
Punctum pygmaeum (Drap.)	2	8	-	1	2	2	-	-	1	10	-
Discus rotundatus (Müll.)	-	2	2	-	1	2	1	-	-	-	-
Vitrea cf. *contracta* (West.)	-	26	4	3	2	6	3	1	-	5	2
Nesovitrea hammonis (Ström)	-	3	-	-	-	1	-	-	-	-	-
Aegopinella pura (Ald.)	-	21	2	-	1	5	-	-	-	-	-
A. nitidula (Drap.)	-	3	-	-	-	1	1	-	-	1	-
Oxychilus cellarius (Müll.)	-	14	5	2	2	1	-	-	-	-	1
Limax or *Deroceras* sp.	1	27	10	3	3	34	5	6	35	4	-
Euconulus fulvus (Müll.)	2	1	-	-	-	-	-	-	-	-	-
Cecilioides acicula (Müll.)	-	2	5	13	21	49	37	15	15	11	6
Macrogastra rolphii (Turton)	-	1	3	-	1	-	-	-	-	-	-
Clausilia bidentata (Ström)	-	15	3	1	1	2	-	-	2	-	-
Cernuella virgata (da Costa)	-	-	-	-	-	-	-	1	2	1	8
Helicella itala (L.)	3	10	3	5	12	16	13	12	1	5	-
Monacha cantiana (Mort.)	-	-	-	-	-	-	-	-	-	1	-
Trichia hispida gp.	2	17	1	3	6	5	3	6	1	20	10
T. striolata (Pfeif.)	-	-	2	-	1	1	12	24	29	1	-
Arianta arbustorum (L.)	-	-	1	-	1	-	-	-	-	-	-
Helicigona lapicida (L.)	-	1	1	-	-	-	-	-	-	-	-
Cepaea sp.	-	1	-	1	-	-	-	-	-	1	1
Arianta or *Cepaea* sp.	-	-	-	1	-	-	3	1	4	-	-
Total (excluding *C. acicula*)	27	326	76	81	100	204	106	96	107	174	150

Table 10.30: Molluscs from the belly of the Horse

Pupilla muscorum (L.)	1
Aegopinella nitidula (Drap.)	1
Cernuella virgata (da Costa)	14
Cepaea sp.	1

Table 11.1: Cu concentrations in chalk samples from vicinity of hoard findspot

Sample No.	Cu concentration (μg/g)
1	218.0
2	4.8
3	3.1
4	4.1
5	3.2
6	3.0
7	2.9
8	3.7
9	2.6
10	3.4

Table 12.1: Later prehistoric pottery: fabric quantification

Fabric	No. of sherds	% Sherds	Weight (g)	% Weight
A1	2	1.1	6	1
A2	18	10	41	6.9
A3	19	10.5	53	8.9
S2	85	47.2	207	34.7
S3	3	1.7	41	6.9
S4	1	0.5	4	0.7
S5	1	0.5	3	0.5
S6	41	22.8	213	35.7
F1	1	0.5	2	0.3
F2	3	1.7	8	1.3
G1	6	3.3	18	3.0

Table 12.2: Distribution of later prehistoric sherds

Context	Description	Pottery fabric quantities (no. of sherds)											Total sherds
		A1	A2	A3	S2	S3	S4	S5	S6	F1	F2	G1	
80, 81	fill of 79	1	9	4	75		1		25				115
310	fill of pit/ditch terminus 309								1				1
604	lynchet 602/603 fill			2							1	2	5
903	lynchet 909 fill								4				4
905	fill of pit 912		2	2	2				8				14
918	fill of ph 919					2							2
922	fill of pit 924		2		1	3			1			1	8
931	fill of pit 924				1								1
933	fill of pit 924			1	1								2
940	fill of pit 942		5	1					2				8
941	fill of pit 942							1			1		2
1000	modern ploughsoil	1		1									2
1026	ph 1025 (roundhouse B)			1									1
1306	ph 1305 (4-post structure?)								1				1
1308	ph 1307 (4-post structure E)			4									4
1318	ph 1309 (4-post structure F)			1									1
1402	fill of pit 1403			1									1
1705	modern ploughsoil											2	2
1706	lynchet 1707 fill										1		1
2106	lynchet fill 2102									1			1
2703	modern ploughsoil				4								4

Table 12.3: Quantification of late Iron Age and Roman fabrics by sherd count and weight

Ware	Nos	%	Weight	%
A4	3	1.4	9	0.9
AB2	3	1.4	8	0.8
AC2	2	1.0	4	0.4
AF2	1	0.5	2	0.2
AM2	3	1.4	10	1.0
AS3	3	1.4	8	0.8
LIA sub-total	15	7.1	41	3.9
E20	5	2.4	9	0.9
E30	15	7.2	42	4.0
E60	1	0.5	10	1.0
E80	46	22.1	41	42.2
LIR sub-total	67	32.1	102	48.1
B11	5	2.4	13	1.2
C	1	0.5	3	0.3
O10	9	4.3	16	1.5
O20	14	6.7	28	2.7
R10	5	2.4	19	1.8
R30	83	39.9	294	28.2
R94	2	1.0	110	10.5
S20	5	2.4	14	1.3
S30	2	1.0	4	0.4
RB sub-total	126	60.7	901	48.0
Grand Total	208	100.0	1044	100.0

Table 12.4: Quantification of form and fabric of late Iron Age and Roman pottery by minimum number of vessels (rim count)

Sum of MV	Ware										Grand total
Type	B11	E20	E30	E80	O10	O20	R30	R94	S20	S30	
C – jars		2	1	3		1	3				10
CH – bead rim jar							1				1
CN – storage jar								1			1
F											0
H					1						1
I	1						1		2		4
Grand total	1	2	1	3	1	1	5	1	2	0	17

Table 12.5: Summary flint assemblage

Context	Flakes	Blades	Blade-like flakes	Chips	Irregular waste	Cores, core fragments	Retouched pieces	Total	Burnt unworked flint
Fieldwalking	642	3	53	-	30	12	5	745	10
Excavation	1047	2	9	56	31	26	18	1189	88
Total	1689	5	62	56	61	38	23	1934	98

Table 12.6: Core types

Context	Single platform	Multi-platform	Keeled	Core fragments	Tested nodules	Total
Fieldwalking	4	4	2	2	-	12
Excavation (including pit 1403)	3	5	1	9	5	23
Total	7	9	3	11	5	35

Table 12.7: Retouched types

Context	Scrapers	Retouched and serrated flakes	Piercer, awl, spurred piece, denticulates	Backed knife	Miscellaneous retouch	Total
Fieldwalking	2 (1 end and 1 side)	1 (serrated flake)	-	1	1	5
Excavation (including pit 1403)	4 (3 end and side, 1 end scraper)	2 (retouched flakes)	5 (1 piercer, 1 awl, 1 spurred piece, 2 denticulates)	-	5	16
Total	6	3	5	1	6	21

Table 12.8: Grooved Ware pit flint assemblage

Context	Flakes	Blades	Blade-like flakes	Irregular waste	Cores, core fragments	Retouched pieces	Total	Burnt unworked flint
1402	151 (including 1 core rejuvenation flake - face/edge)	-	3	3	3 (1 multi-platform 2 fragmentary)	1 miscellaneous retouch	161	1
1406	6	1	-	-	-	-	7	-
1404	227	-	-	3	4 (1 keeled, 3 fragmentary)	4 (1 end scraper, 1 denticulate, 1 awl, 1 miscellaneous retouch)	238	67
Topsoil sieving etc (1405, 1403)	10 (including 1 core rejuvenation flake – tablet)	-	1	-	1 fragmentary	1 retouched flake	13	-
Total	394	1	4	6	8	6	419	68

Table 12.9: Catalogue of worked stone

Context	SF	Description	Variety of stone	Quern	Context type
911	209	Part of saddle quern, burnt so that stone is now somewhat distorted, but with slightly concave surface with slight traces of working surviving; L 270 mm, B 140 mm, Th 155 mm, 5.95 kg	Old Red Sandstone	Q1	Upper part of deep oval pit 912
911	210	Large, damaged block with small area of pecked grinding surface, slightly burnt, part of saddle quern, fits SF 214; L 260 mm, B 180 mm, Th *c* 250 mm, 14 kg	Sarsen, saccharoidal	Q2	Upper part of deep oval pit 912
911	211	Large block, area of slightly concave, pecked, grinding surface which looks unused, slightly burnt, part of saddle quern; L 270 mm, B 225 mm, Th *c* 180 mm, 11.75 kg	Sarsen, saccharoidal	Q2	Upper part of deep oval pit 912
911	212	Large fragment with slightly concave, pecked grinding surface which looks unused, slightly burnt, part of saddle quern; L 270 mm, B 175 mm, Th 225 mm, 9.6 kg	Sarsen, saccharoidal	Q2	Upper part of deep oval pit 912
911	213	Fairly large fragment, small area of pecked grinding surface, slightly burnt, part of saddle quern; L 160 mm, B 150 mm, Th *c* 180 mm, 5 kg	Sarsen, saccharoidal	Q2?	Upper part of deep oval pit 912
911	214	Fragment with pecked grinding surface, possibly unused, slightly burnt, fits sf 210, part of saddle quern; L 115, B 195, Th 160 mm, 2.9 kg	Sarsen, saccharoidal	Q2	Upper part of deep oval pit 912
911	-	Small piece, slightly burnt, no working traces, may also belong to Q2; L139, B 100, Th 55 mm, 0.5 kg	Sarsen, saccharoidal	Q2?	Upper part of deep oval pit 912
914	-	Fragment which may also belong to quern Q2; L 93 mm, B 82 mm, Th 30 mm, 0.195 kg	Sarsen, saccharoidal	Q2?	Fill of deep oval pit 912, below 911
932	218	Fragment with pecked and worn surface, slightly burnt, part of saddle quern; L 180 mm, B 110 mm, Th 110 mm, 2 kg	Sarsen, saccharoidal	Q3	Fill of deep oval pit 924
932	-	Fragment with pecked and worn surface, slightly burnt, may be part of saddle quern Q3; L 100 mm, B 75 mm, Th 72 mm, 0.58 kg	Sarsen, saccharoidal	Q3?	Fill of deep oval pit 924
932	220	Piece with one battered and blackened side, otherwise retains some of original surface, burnt, possibly used as anvil; L 315 mm, B 130 mm, Th 185 mm, 13.6 kg	Sarsen, fine-grained, cherty		Fill of deep oval pit 924
1300	-	Pebble with 2 battered areas from use as hammerstone; L 78 mm, B 55 mm, Th 45 mm, 0.43 kg	Quartzite		Modern ploughsoil

Table 12.10: Catalogue of burnt stone

Context	SF / <soil sample>	Description	Variety of stone	Weight (kg)	Context type
80	-	2 fragments	Sarsen, fine-grained, cherty	0.015	Fill of irregular feature 79; LBA/EIA
119	-	4 fragments	3 sarsen, fine-grained, cherty; 1 buff sandstone	0.066	Relic ploughsoil
601	-	1 fragment	Sarsen, fine-grained, cherty	0.008	Relic ploughsoil
800	-	2 fragments	1 sarsen, saccharoidal; 1 sarsen, fine-grained, cherty	0.01 and 0.02	Modern ploughsoil
801	-	6 fragments	Sarsen, fine-grained, cherty	0.365	Relic ploughsoil
802	-	20 fragments	Sarsen, fine-grained, cherty	0.335	Relic ploughsoil
819	-	2 fragments	Sarsen, fine-grained, cherty	0.07	Relic ploughsoil
820	-	1 fragment	Sarsen, fine-grained, cherty	0.005	Relic ploughsoil
911	208	Large piece unworked sarsen with roothole	Sarsen, fine-grained, cherty	11.25	Upper fill of pit 912
911	-	3 chips	Sarsen, fine-grained, cherty	0.2	Upper fill of pit 912
914	-	3 fragments	Sarsen, fine-grained, cherty	0.86; 0.675 and 0.14	Fill of pit 912, below 911
930	215	Boulder, one side has large flake missing, otherwise retains original crust	Sarsen, saccharoidal	15.05	Fill of pit 924, above 932
932	216	Block slightly burnt, has had large pieces broken off, but otherwise unworked (part of Q2?)	Sarsen, saccharoidal	12.05	Fill of pit 924
932	217	1 fragment	Sarsen, saccharoidal	0.65	Fill of pit 924
932	219	Large piece with original cortex	Sarsen, fine-grained, cherty	6	Fill of pit 924
932	-	Large piece with original surface	Sarsen, fine-grained, cherty	2.1	Fill of pit 924
932	-	4 fragments	2 sarsen, fine-grained, cherty; 2 sarsen saccharoidal	0.03 and 0.53; 0.165 and 0.005	Fill of pit 924
932	-	Large piece	Sarsen, saccharoidal	0.52	Fill of pit 924
1200	-	1 fragment	Sarsen, fine-grained, cherty	0.03	Modern ploughsoil
1308	-	1 fragment	Sarsen, fine-grained, cherty	0.55	Building E – 4-post structure; LBA/EIA
1316	-	2 chips	1 sarsen, saccharoidal; 1 Sarsen, fine-grained, cherty	0.005 and 0.005	Building F – 4-post structure; LBA/EIA
1318	-	8 fragments	1 sarsen, saccharoidal; 1 sarsen, fine-grained, cherty; 6 greenand	0.15; 0.32 and 0.2	Building F – 4-post structure; LBA/EIA
1404	<4>	214 fragments	23 sarsen, saccharoidal; 29 iron sandstone, Tertiary; 162 sarsen, fine-grained, cherty	1.215; 0.335; 3.03	Lower fill of Grooved Ware pit 1403
2800	-	1 fragment	Sarsen, fine-grained, cherty	0.005	Modern ploughsoil

Table 13.1: Number of identified specimens (NISP)

Species	Hand retrieved	Sieved	Total
Cattle	31		31
Sheep/goat	31	22	53
Pig	26	24	50
Red deer (*Cervus elaphus*)	6		6
Roe deer (*Capreolus capreolus*)	2		2
Wild boar (*Sus scrofa*)	1		1
Common shrew (*Sorex araneus*)		1	1
Bank vole (*Clethrionomys glareolus*)		2	2
Mouse (*Apodemus* sp.)		1	1
Frog (*Rana* sp.)		1	1
Rodent, not identified further		8	8
Cattle-sized mammal	20		20
Sheep-sized mammal	122	30	152
Unidentified	56	355	411
Total	295	444	739
% identified to species	32.9	11.5	

Table 13.2: Minimum number of elements (MNE) present, and calculated minimum number of individuals (MNI), hand retrieved material

Element			Species		
	Cattle	Sheep/goat	Pig	Roe deer	Red deer
Maxilla			1		1
Premaxilla					1
Frontal			1		
Temporal	1				
Zygomatic	2	2	1		
Mandible	2	1	1	1	
Axis	1				
Atlas	1				
Scapula		2	1		
Humerus		3			
Radius		3	2		
Ulna		1	1		
Metacarpal	1	2			
Pelvis		2			
Femur		3	2		
Tibia		3			
Tarsals			2		
Metatarsal	1	2			
1st phalanx	1	1			
2nd phalanx	1				
3rd phalanx					
Total	11	25	12	1	2
MNI	1	2	2	1	1

Table 13.3: Epiphyseal fusion, hand retrieved material

Species	Element	Epiphysis	Fused	Unfused	Ageing indication
Cattle	Metacarpal	distal		1	< 2 years
	Metatarsal	distal		1	< 2 years
	1st phalanx	proximal		1	< 2 years
	2nd phalanx			1	< 2 years
Sheep/goat	Humerus	distal	1		> 4 months
	Radius	distal		1	< 4 months
	Ulna	proximal		1	< 3.5 years
	Femur	proximal		1	< 3 years
Pig	Humerus	distal		1	< 1 year
		proximal		1	< 3.5 years
	Radius	proximal		1	< 1 year
		distal		1	< 3.5 years
	Femur	proximal		1	< 3 years

Table 13.4a: Neonate/feotal material, hand retrieved

Species	Element	Side	Neonatal/foetal	Context
Sheep/goat	Humerus	L	Neonate	1406
	Ulna	R	Neonate	1404
	Pelvis	L	Neonate	1404
	Pelvis	R	Neonate	1402
	Femur	L	Neonate	1406
	Metatarsal	R	Neonate	1404
	Metatarsal	L	neonate or foetal	1404
	Humerus*	L	Neonate	1404
	Radius*	L & R	Neonate	1404
	Metacarpal*	L & R	Neonate	1404
	1st phalanx*		Neonate	1404
Sheep-sized	Lumbar vertebra centrum		Neonate	1404

* Recovered as partial skelton

Table 13.4b: Neonate/feotal material, samples

Species	Element	Side	Neonatal/foetal	Context
Sheep/goat	Scapula		neonate or foetal	1404
	Pelvis		neonate or foetal	1404
	Tibia		Foetal	1404
	Humerus**		Foetal	1404
	Radius (2)**		neonate	1404
	Metapodial (3)**		neonate or foetal	1404
Pig	Humerus (2)**		neonate or foetal	1404
	Radius		neonate	1404
	Femur**		neonate or foetal	1404
	1st phalanx		neonate or foetal	1404
Sheep-sized	Cervical vertebrae centra (2)		Foetal	1404
	Vertebrae centra (3)		neonate or foetal	1404

** Recovered as isolated epiphyses

Table 13.5: Species representation according to group and phase

	Group A		Group B	Group C	Total
	Early Iron Age	Undated	Romano-British	Undated	
Cattle		1	3		4
Sheep/goat	5	2			7
Large mammal		3	1		4
Fish indet		2			2
Rodent		2			2
Unidentified	10	24	2	1	37
Total	15	34	6	1	56

Table 13.6: Group A: species representation according to feature

	Cattle	Sheep/goat	Large mammal	Fish indet	Rodent	Total
Early Iron Age						
Pit 924		1				1
Pit 942		4				4
Undated						
Pit 79		2	3	2	2	23
Tertiary fill of Pit 309	1					

Table 13.7: Charred plant remains

		Number of items or presence							
	Feature	Late Neolithic pit 1403		Late Bronze Age/Early Iron Age (LBA/EIA) pit 912		LBA/EIA pit 924		LBA/EIA pit 79	LBA/EIA posthole 63
	Context	1404	1402	915	905, 913	923, 931, 932	922	81	62
	Sample	4, 16	3	14	7, 13	22, 25, 33	21	36	1
Approx. sample volume (litres)		27	48	48	36	25	18	?	?
CEREAL GRAIN									
Triticum sp.	wheat	-	1	-	-	2	-	-	-
Hordeum sp.	hulled barley	-	-	-	-	1	-	-	-
cereal indet.		-	-	-	-	2	1	-	1
NUT SHELL FRAGMENTS AND FRUIT STONES									
Prunus spinosa L.	sloe	1	-	-	-	-	-	-	-
Corylus avellana L.	hazel	58	7	-	-	-	-	-	-
WEED SEEDS									
Galium aparine L.	goosegrass	-	-	-	-	1	-	7	-
CHARCOAL									
cf. Pomoideae	hawthorn, apple, etc.	-	-	+	+	-	-	-	-
Corylus avellana L.	hazel	++	+	+	-	-	-	-	-
Quercus sp.	oak	-	+	+	+	+	+	-	-
No of items / litre (excluding charcoal)		2.19	0.17	0	0	0.24	0.06		

+ = present; ++ = many

Table A1.1: Results of OSL dating at White Horse Hill

Lab. Ref.	Context	Palaeodose (Gy)	a-value	Dose rate (mGy/year)	Age (years BP: before actual)	At 68% confidence level (years BC)	At 95% confidence level (years BC)
962a ir	5033	1.55±0.15	0.069±0.004	0.48±0.05	3230±430	1660-800	2090-370
962a quartz	5033	1.30±0.07	Assumed 0.043	0.45±0.05	2890±340	1230-550	1570-210
962b quartz	5034	1.45±0.09	0.043±0.002	0.48±0.05	3020±360	1380-660	1740-300
967b ir	206	3.10±0.28	0.088	0.623±0.04	4950±750	3700-2200	4450-1450
967b quartz	206	1.67±0.15	Assumed 0.038	0.548±0.04	3050±250	1300-800	1550-550
967c ir	208	2.28±0.26	0.073	0.712±0.05	3200±500	1700-700	2200-200
967c quartz	208	1.56±0.16	Assumed 0.038	0.640±0.04	2400±210	610-190	820BC-AD20

Table A5.1: Analysis of metalwork from Tower Hill

Sample	No.	Old No.	Object	Fe	Co	Ni	Cu	Zn	As	Sb	Sn	Ag	Bi	Pb	Au	S
Ox201	36		Sprue (3)	0.05	0.01	0.08	91.06	0.00	0.21	0.08	6.97	0.07	0.02	1.44	0.00	0.02
Ox202	40	32	Casting waste (from crucible?)	0.00	0.02	0.08	94.87	0.00	0.16	0.05	4.06	0.03	0.05	0.62	0.03	0.02
Ox203	82	20/4	Button of waste	0.02	0.01	0.10	91.62	0.01	0.19	0.07	6.77	0.04	0.03	1.12	0.02	0.01
Ox204	92		Hammered rod	0.19	0.01	0.01	84.69	13.09	0.05	0.10	1.50	0.02	0.02	0.23	0.05	0.04
Ox205	12		Socketed axe	0.02	0.01	0.07	92.01	0.02	0.24	0.12	3.96	0.08	0.05	3.37	0.03	0.02
Ox206	99		Casting waste	0.01	0.01	0.25	90.39	0.01	0.30	0.34	7.60	0.09	0.02	0.97	0.01	0.00
Ox208	59	33	Axe, mouth fragment	0.03	0.02	0.12	92.89	0.00	0.19	0.06	3.51	0.06	0.09	2.97	0.02	0.03
Ox209	7		Socketed axe	0.01	0.03	0.10	87.70	0.00	0.24	0.10	8.35	0.02	0.01	3.37	0.00	0.06
Ox210	9		Socketed axe	0.01	0.02	0.09	92.12	0.00	0.26	0.02	3.42	0.05	0.00	3.94	0.02	0.05
Ox211	97		Button of melted metal	0.21	0.10	0.28	90.14	0.00	0.23	0.19	7.48	0.05	0.02	1.27	0.01	0.02
Ox212	208a		Cu alloy button	0.02	0.04	0.11	93.38	0.00	0.15	0.05	5.80	0.01	0.04	0.38	0.00	0.01
Ox213	49	32	Axe body fragment	0.01	0.00	0.12	93.13	0.00	0.22	0.10	2.76	0.07	0.02	3.53	0.01	0.03
Ox214	72	17/2	Axe body fragment	0.01	0.00	0.10	91.67	0.01	0.21	0.06	4.88	0.03	0.05	2.93	0.03	0.02
Ox215	68	15/3	Axe body fragment	0.00	0.01	0.13	93.47	0.00	0.19	0.06	3.43	0.03	0.03	2.60	0.01	0.03
Ox216	1		Socketed axe (rib and pellet)	0.00	0.01	0.10	91.99	0.00	0.20	0.07	4.02	0.03	0.05	3.51	0.00	0.02
Ox217	29		Decorated bracelet fragment	0.04	0.02	0.09	91.40	0.02	0.33	0.03	7.27	0.02	0.01	0.75	0.02	0.01
Ox218	22		Ribbed and pierced ring	0.00	0.02	0.12	91.61	0.00	0.22	0.14	5.94	0.06	0.00	1.86	0.00	0.01
Ox219	4		Axe body fragment	0.02	0.02	0.11	91.38	0.00	0.22	0.07	6.74	0.04	0.02	1.35	0.01	0.02
Ox220	25		Grooved and pierced ring with loop	0.02	0.02	0.16	89.54	0.01	0.29	0.15	7.94	0.06	0.00	1.80	0.00	0.02
Ox221	2		Socketed axe	0.01	0.01	0.10	91.35	0.00	0.24	0.12	6.41	0.06	0.01	1.60	0.08	0.01
Ox222	11		Socketed axe	0.01	0.01	0.09	92.54	0.01	0.26	0.07	4.81	0.05	0.07	2.04	0.02	0.04
Ox223	78	19/1	Small flat ring	0.01	0.01	0.08	93.60	0.01	0.15	0.06	3.16	0.06	0.03	2.79	0.02	0.04
Ox224	3		Socketed axe	0.01	0.01	0.11	93.20	0.00	0.19	0.09	3.33	0.05	0.04	2.94	0.00	0.03
Ox225	93		Axe body fragment	0.01	0.01	0.11	91.81	0.00	0.23	0.07	3.81	0.03	0.01	3.84	0.04	0.04
Ox226	69	15/4	Axe body fragment	0.01	0.01	0.08	89.73	0.01	0.46	0.12	4.32	0.06	0.04	5.16	0.00	0.00
Ox227	48	33	Axe body fragment with flash	0.01	0.02	0.10	94.48	0.01	0.69	0.06	2.32	0.06	0.00	2.22	0.01	0.02
Ox228	55	33	Axe body fragment	0.01	0.01	0.07	89.87	0.03	0.46	0.08	3.82	0.07	0.05	5.53	0.00	0.02
Ox229	27		Coiled grooved strip (bracelet?)	0.00	0.02	0.12	89.33	0.00	0.25	0.07	7.06	0.09	0.01	2.88	0.02	0.16
Ox230	208b		Drip	0.03	0.01	0.26	92.33	0.03	0.25	0.22	0.25	0.30	0.02	6.30	0.00	0.00
Ox231	8		Socketed axe (3 pellets)	0.01	0.01	0.11	86.38	0.01	0.18	0.09	7.08	0.10	0.04	5.92	0.01	0.06
Ox232	77	18/4	Casting waste	0.05	0.01	0.10	92.88	0.01	0.21	0.00	5.99	0.00	0.00	0.74	0.00	0.01
Ox233	24		Ribbed ring	0.02	0.01	0.09	92.55	0.00	0.73	0.08	3.24	0.03	0.00	3.22	0.00	0.03
Ox234	23		Plain ring	0.01	0.00	0.10	93.47	0.00	1.11	0.09	4.17	0.07	0.00	0.95	0.00	0.01
Ox235	98		Button of melted metal	0.01	0.02	0.06	89.93	0.00	0.46	0.03	7.36	0.03	0.02	2.07	0.01	0.01
Ox236	14		Socketed axe	0.07	0.02	0.08	89.56	0.02	0.39	0.11	5.07	0.08	0.01	4.59	0.00	0.02
Ox237	81	20/3	Grooved/decorated bracelet fragment	0.05	0.02	0.07	90.54	0.00	<0.20	0.07	5.72	0.08	0.01	3.40	0.03	0.01
Ox238	13		Socketed axe	0.07	0.02	0.11	88.98	0.01	<0.20	0.08	6.00	0.10	0.06	4.57	0.00	0.01
Ox239	58	33	Axe body fragment	0.01	0.01	0.09	91.28	0.00	<0.20	0.07	5.87	0.09	0.00	2.50	0.00	0.01
Ox240	31		Slender ring fragment	0.00	0.02	0.09	87.75	0.00	0.41	0.08	6.28	0.09	0.02	5.23	0.00	0.03
Ox241	30		Ring fragment	0.00	0.02	0.08	92.48	0.01	<0.20	0.07	4.64	0.06	0.01	2.61	0.02	0.01
Ox242	16		Socketed axe	0.04	0.01	0.08	88.92	0.01	0.21	0.06	6.40	0.07	0.04	4.13	0.01	0.03

Sample	No.	Old No.	Object	Fe	Co	Ni	Cu	Zn	As	Sb	Sn	Ag	Bi	Pb	Au	S
Ox243	21		Socketed axe	0.02	0.01	0.04	86.00	0.02	0.62	0.00	8.65	0.01	0.02	4.29	0.00	0.34
Ox244	74	18/1	Grooved bracelet fragment	0.00	0.01	0.10	88.27	0.00	0.60	0.09	5.82	0.11	0.01	4.98	0.00	0.00
Ox245	20		Socketed axe	0.02	0.02	0.10	92.63	0.00	0.03	0.06	3.31	0.10	0.05	3.64	0.04	0.01
Ox246	26		Grooved/ribbed bracelet	0.00	0.01	0.10	88.05	0.00	0.51	0.06	3.59	0.06	0.04	7.55	0.00	0.05
Ox247	50	33	Axe body fragment	0.03	0.02	0.09	88.08	0.01	0.79	0.04	5.86	0.10	0.03	4.92	0.00	0.02
Ox248	52	33	Axe body fragment	0.03	0.01	0.10	91.48	0.00	0.53	0.11	2.89	0.07	0.01	4.72	0.01	0.05
Ox249	56	35	Axe body fragment	0.01	0.01	0.10	91.53	0.00	0.35	0.08	4.82	0.05	0.04	3.00	0.00	0.01
Ox250	57	33	Axe body fragment	0.00	0.01	0.06	88.92	0.00	<0.20	0.07	2.00	0.09	0.00	8.80	0.00	0.02
Ox251	44	32	Scrap (?body fragment)	0.01	0.01	0.10	95.25	0.01	0.59	0.08	2.24	0.02	0.00	1.65	0.00	0.04
Ox252	45	32	Decorated body fragment	0.01	0.01	0.07	91.79	0.01	0.52	0.09	3.70	0.08	0.02	3.66	0.00	0.04
Ox253	76	18/3	Casting waste	0.01	0.01	0.09	84.93	0.01	0.18	0.05	11.78	0.10	0.01	2.77	0.01	0.05
Ox254	71	17/1	Crumpled sheet	0.01	0.02	0.02	87.52	0.00	0.29	0.00	11.64	0.01	0.06	0.42	0.00	0.01
Ox255	15		Socketed axe	0.01	0.01	0.08	89.17	0.00	0.15	0.09	3.65	0.11	0.02	6.69	0.00	0.01
Ox256	5		Socketed axe	0.01	0.01	0.10	87.44	0.00	0.19	0.10	6.01	0.10	0.03	5.98	0.01	0.03
Ox257	10		Socketed axe	0.01	0.00	0.05	84.56	0.01	0.90	0.04	5.23	0.09	0.00	9.03	0.00	0.09
Ox258	6		Socketed axe	0.00	0.01	0.07	83.88	0.01	1.33	0.07	5.14	0.09	0.00	9.34	0.00	0.06
Ox259	75	18/1(2)	Casting waste	0.00	0.01	0.09	89.19	0.00	0.45	0.14	9.10	0.06	0.03	0.93	0.01	0.00
Ox260	33		Axe body fragment	0.20	0.00	0.08	81.99	0.00	0.54	0.09	7.04	0.23	0.00	9.48	0.00	0.33
Ox261	34		Axe, mouth fragment	0.01	0.01	0.09	90.81	0.01	<0.20	0.05	2.68	0.05	0.07	6.13	0.01	0.08
Ox262	66	15/1	Axe body fragment	0.02	0.02	0.10	86.95	0.01	0.39	0.07	5.49	0.05	0.04	6.87	0.00	0.01
Ox263	67	15/2	Axe body fragment	0.00	0.01	0.08	90.52	0.00	0.72	0.10	3.58	0.09	0.01	4.87	0.00	0.02
Ox264	23		Socketed axe (reworked edge)	0.00	0.02	0.06	79.88	0.02	0.41	0.05	5.69	0.06	0.00	13.57	0.00	0.23
Ox265	39	32	Casting waste	0.00	0.04	0.11	81.78	0.01	0.59	0.13	8.65	0.06	0.07	8.55	0.01	0.01
Ox266	61		Sprue (1)	0.01	0.03	0.10	77.85	0.00	0.37	0.10	7.33	0.10	0.01	14.01	0.05	0.06
Ox267	32		Ring or pin shank fragment	0.01	0.00	0.07	75.39	0.00	0.44	0.07	6.91	0.08	0.01	17.02	0.00	0.00
Ox268	28		Ribbed flat ring with internal rings	0.00	0.01	0.09	86.24	0.00	<0.20	0.07	5.26	0.10	0.04	8.17	0.00	0.02
Ox269	53	33	Axe, mouth fragment	0.01	0.01	0.11	88.15	0.00	0.54	0.14	7.03	0.17	0.05	3.69	0.00	0.10
Ox271	63		Sprue	0.01	0.01	0.10	91.96	0.00	0.07	0.08	5.56	0.03	0.00	2.12	0.02	0.05
Ox272	79	20/1	Sprue (1)	0.01	0.00	0.09	88.23	0.00	0.22	0.09	5.30	0.08	0.04	5.87	0.03	0.04
Ox273	62	33	Sprue (1)	0.00	0.02	0.08	90.69	0.01	0.19	0.07	4.87	0.04	0.03	3.89	0.04	0.07
Ox274	17		Socketed axe (unworked edge)	0.00	0.01	0.06	85.46	0.01	0.24	0.07	8.83	0.04	0.03	5.10	0.01	0.15
Ox275	51		Axe socket/body fragment	0.00	0.01	0.10	90.15	0.00	0.23	0.08	2.63	0.05	0.01	6.67	0.01	0.05
Ox276	96		Casting jet	0.13	0.01	0.11	90.66	0.00	0.21	0.06	5.53	0.03	0.00	3.22	0.00	0.04
Ox277	94		Curved rod	0.01	0.01	0.12	95.41	0.01	0.27	0.15	1.24	0.11	0.03	2.51	0.03	0.10
Ox278	64	65/1	Sprue (1)	0.00	0.01	0.09	85.24	0.00	0.36	0.14	7.57	0.07	0.01	6.43	0.02	0.04
Ox279	60	33	Sprue (1)	0.01	0.01	0.11	91.99	0.00	0.25	0.12	4.99	0.06	0.02	2.41	0.01	0.02
Ox280	43	32	Casting waste	0.01	0.01	0.10	94.44	0.00	0.08	0.03	4.33	0.04	0.00	0.93	0.03	0.01
Ox281	32	17/3	Axe, mouth fragment	0.01	0.01	0.12	95.07	0.00	0.19	0.09	2.12	0.09	0.03	2.22	0.03	0.02
Ox282	42	32	Runlet	0.00	0.01	0.12	82.48	0.01	0.35	0.22	12.69	0.09	0.02	3.97	0.01	0.05
Ox283	46	32	Axe body fragment	0.00	0.02	0.09	91.80	0.01	0.20	0.05	4.00	0.02	0.02	3.77	0.00	0.02
Ox284	22		Socketed axe (unworked edge)	0.00	0.00	0.10	86.53	0.00	0.23	0.10	5.35	0.05	0.06	7.53	0.01	0.04
Ox285	41	32	Sprue	0.01	0.02	0.11	89.89	0.00	0.22	0.16	5.43	0.08	0.01	4.01	0.01	0.06

Sample	No.	Old No.	Object	Fe	Co	Ni	Cu	Zn	As	Sb	Sn	Ag	Bi	Pb	Au	S
Ox286	73	17/3	Metal waste	0.01	0.02	0.06	93.46	0.00	0.13	0.00	6.09	0.02	0.02	0.15	0.04	0.01

Table A5.2: Comparison of analyses between microprobes

Sample	Fe	Co	Ni	Cu	Zn	As	Sb	Sn	Ag	Bi	Pb	Au	S
Ox271 (JEOL 8800)	0.01	0.01	0.10	91.96	0.00	0.07	0.08	5.56	0.03	0.00	2.12	0.02	0.05
Ox271 (SU)	0.01	0.01	0.10	91.78	0.00	<0.20	0.06	5.03	0.07	0.00	2.81	0.00	0.02
Ox272 (JEOL 8800)	0.01	0.00	0.09	88.23	0.00	0.22	0.09	5.30	0.08	0.04	5.87	0.03	0.04
Ox272 (SU)	0.01	0.00	0.09	89.03	0.00	<0.20	0.07	5.24	0.08	0.00	5.36	0.00	0.02

Table A5.3: Metallography of bronze from Tower Hill

Sample	No.	Old No.	Object	Sn	Pb	Structure type	Grain size µm	Dendrite arm spacing µm	2nd phases	Final cold work	Total cold work	Corrosion	Notes
Ox251	44	32	Scrap (?body fragment)	2.24	1.65	Cast	250-500	15-20	Pb, Cu_2S	None	None	I-G, I-D, Pb	
Ox252	45	32	Decorated body fragment	3.70	3.66	Cast	250-500	30	Pb, Cu_2S	None	None	I-G, I-D, Pb	
Ox253	76	18/3	Casting waste	11.78	2.77	HA/oxidised	200		SnO_2, PbO	None	None	I-G, I-Phase	
Ox254	71	17/1	Crumpled sheet	11.64	0.42	CW/A/CW	50-100		Cu_2S, delta	10%	?	Massive	
Ox255	15		Socketed axe	3.65	6.69	CW/A/HCW	5		Pb, Cu_2S	30%	60-80	I-G, T-G	Impact on edge
Ox256	5		Socketed axe	6.01	5.98	Cast, segregated	100-250	10	Pb, Cu_2S, eut.	None	None	I-G, I-D	
Ox257	10		Socketed axe	5.23	9.03	CW/A/CW	7.5		Pb, Cu_2S	15-20%	40-60	I-G, T-G	
Ox258	6		Socketed axe	5.14	9.34	Cast, segregated	Variable	15	Pb, Cu_2S, eut.	None	None	Pitting	
Ox259	75	18/1(2)	Casting waste	9.10	0.93	Cast, Cell., segregated	100-200		Pb, Cu_2S, gamma	None	None	I-cellular	Quenched
Ox260	33		Axe body fragment	7.04	9.48	Cast/CW	100-150	10-15	Pb, Cu_2S	Local		I-G, I-D, Pb	
Ox261	34		Axe, mouth fragment	2.68	6.13	Cast	200-300	15	Pb, Cu_2S	None	None	I-G, I-D, Pb	
Ox262	66	15/1	Axe body fragment	5.49	6.87	Cast/part recryst.	50-200	<10	Pb, Cu_2S	Local	Local	I-G, I-D, Pb	
Ox263	67	15/2	Axe body fragment	3.58	4.87	Cast, CW	150-250	20	Pb, Cu_2S	Local	None	I-G, I-D, Pb	
Ox264	23		Socketed axe (reworked edge)	5.69	13.57	CW/A/CW	25		Pb, Cu_2S	15%	?	Pitting	
Ox265	39	32	Casting waste	8.65	8.55	Cast	200-400	25	Pb, Cu_2S, eut.	None	None	I-D, Pb	
Ox266	61		Sprue (1)	7.33	14.01	Cast	Variable	30-40	Pb, Cu_2S, eut.	None	None	I-D, Pb	
Ox267	32		Ring or pin shank fragment	6.91	17.02	Cast	Variable	10	Pb, Cu_2S, eut.	None	None	I-D, Pb	
Ox268	28		Ribbed flat ring with internal rings	5.26	8.17	Chill cast	100-150	5	Pb, Cu_2S	None	None	I-G, I-D, Pb	

Sample	No.	Old No.	Object	Sn	Pb	Structure type	Grain size µm	Dendrite arm spacing µm	2nd phases	Final cold work	Total cold work	Corrosion	Notes
Ox269	53	33	Axe, mouth fragment	7.03	3.69	Cast	150-300	30-40	Pb, Cu_2S	None	None	I-G, I-D, Pb	
Ox271	63		Sprue	5.56	2.12	Cast, HA	50-150	15-20	Pb, Cu_2S	None	None	I-G, I-D, Pb	
Ox272	79	20/1	Sprue (1)	5.30	5.87	Cast (2 cooling rates)	100-150	5-10	Pb, Cu_2S	None	None	I-G, I-D, Pb	
Ox273	62	33	Sprue (1)	4.87	3.89	Cast (surface recryst.)	150-300	20	Pb, Cu_2S	None	None	I-G, I-D, Pb	
Ox274	17		Socketed axe (unworked edge)	8.83	5.10	Cast, inverse segregated	<100	10-15	Pb, Cu_2S, eut.	None	None	Pitting	
Ox275	51		Axe socket/body fragment	2.63	6.67	Cored/CW/Part recryst.	100-150/10-15	15	Pb, Cu_2S	None	30-40% (Local)	Pitting, I-G, Pb	
Ox276	96		Casting jet	5.53	3.22	Cast/CW	?	?	Pb, Cu_2S	Local	None	I-G, I-D, Pb	
Ox277	94		Curved rod	1.24	2.51	Cast	>500	30	Pb, Cu_2S	None	None	Pitting, I-D	
Ox278	64	65/1	Sprue (1)	7.57	6.43	Cast, segregated	200-300	10-15	Pb, Cu_2S, eut.	None	None	Pitting, I-D	
Ox279	60	33	Sprue (1)	4.99	2.41	Cast, CW	?	?	Pb, Cu_2S	20-25%	?20-25%	I-G, I-D, Pb	
Ox280	43	32	Casting waste	4.33	0.93	Slow cool	?	?	Pb, Cu_2S	?	?	I-G, T-G, Pb	
Ox281	32	17/3	Axe, mouth fragment	2.12	2.22	Cast	150-250	15	Pb, Cu_2S	None	None	I-G, I-D, Pb	
Ox282	42	32	Runlet	12.69	3.97	Alpha + martensite	?	?	Pb, Cu_2S, beta	None	None	I-D, Pb, rdc	
Ox283	46	32	Axe body fragment	4.00	3.77	Cast, part recryst.	>250/10-20	15	Pb, Cu_2S	Local	Local	I-G, I-D, Pb	
Ox284	22		Socketed axe (unworked edge)	5.35	7.53	Chill cast	200	<10	Pb, Cu_2S	None	None	Pitting	
Ox285	41	32	Sprue	5.43	4.01	Cast	100-200	15	Pb, Cu_2S	None	None	Pitting, I-D	
Abbreviations													
Cast = as cast structure. CW = cold worked. eut. = eutectoid. I-D = interdendritic.													
HA = heat affected. HCW = heavily cold worked. beta, gamma = quenched in metastable phases. I-G = intergranular													
Cell. = cellular solidification. recryst. = recrystallised. I-Phase = at phase boundaries. A = annealed. T-G = transgranular. rdc = redeposited copper													

Table A5.4: Analysis of other Llyn Fawr period assemblages

Sample	No.	Object	Fe	Co	Ni	Cu	Zn	As	Sb	Sn	Ag	Bi	Pb	Au	S
King's Weston Hill															
Ox311	31/1982/1	rib-and-pellet socketed axe	0.01	0.02	0.23	84.78	0.00	0.15	0.20	9.91	0.05	0.04	4.44	0.02	0.17
Ox312	31/1982/2	socketed axe fragment	0.00	0.01	0.10	90.08	0.00	0.09	0.13	8.84	0.01	0.04	0.59	0.00	0.11
Ox313	31/1982/3	faceted socketed axe (Blandford variant)	0.00	0.01	0.17	79.72	0.01	0.16	0.34	13.14	0.05	0.03	6.05	0.03	0.29
Ox314	31/1982/4	socketed axe, broad blade fragment	0.00	0.01	0.07	86.05	0.01	0.06	0.03	12.08	0.00	0.03	1.55	0.01	0.10
Ox315	31/1982/5	socketed axe, Armorican variant?	0.01	0.01	0.01	77.99	0.05	0.02	0.02	4.11	0.00	0.03	17.37	0.02	0.37
Ox316	31/1982/6	plain socketed axe, cutting-edge fragment	0.01	0.15	0.92	88.94	0.00	0.74	1.34	7.47	0.19	0.03	0.18	0.01	0.01
Ox317	31/1982/7	socketed axe fragment, loop/mouth	0.01	0.01	0.05	87.40	0.01	0.05	0.05	11.48	0.01	0.01	0.64	0.02	0.26
Ox318	31/1982/9	ribbed socketed axe, body fragment	0.00	0.01	0.05	89.05	0.00	0.07	0.05	9.83	0.01	0.00	0.77	0.01	0.15
Ox319	31/1982/10	socketed axe, body fragment	0.00	0.00	0.09	90.42	0.02	0.11	0.15	7.51	0.03	0.04	1.49	0.01	0.13
Ox320	31/1982/20	socketed axe, body fragment, folded	0.01	0.01	0.11	91.55	0.00	0.06	0.12	4.31	0.07	0.01	3.15	0.03	0.57
Ox321	31/1982/21	socketed axe, sprue	0.01	0.01	0.03	80.50	0.01	0.03	0.02	10.22	0.00	0.02	8.62	0.52	0.01
Ox322	31/1982/22	sword sprue?	0.00	0.01	0.06	89.19	0.01	0.07	0.07	8.92	0.02	0.03	1.56	0.02	0.04
Ox323	31/1982/23	sprue or mis-cast sickle fragment	0.01	0.01	0.07	84.64	0.00	0.09	0.16	10.28	0.01	0.00	4.43	0.05	0.25
Ox324	31/1982/24	single-edged knife fragment	0.02	0.01	0.08	88.45	0.00	0.08	0.06	10.60	0.02	0.00	0.39	0.03	0.26
Ox325	31/1982/28	button of melted metal	0.01	0.01	0.08	93.93	0.01	0.03	0.04	4.93	0.01	0.00	0.88	0.04	0.04
Figheldean Down															
Ox331	246/1971.1	3-rib Sompting axe	0.00	0.01	0.04	75.48	0.01	0.01	0.00	16.27	0.00	0.01	7.51	0.02	0.63
Ox332	246/1971.2	3-rib Sompting axe, clear flash	0.01	0.00	0.18	79.15	0.01	0.32	0.06	19.26	0.00	0.04	0.88	0.00	0.09
Ox333	246/1971.3	3-rib Sompting axe, edge-ribs	0.00	0.01	0.01	79.58	0.00	0.21	0.08	14.56	0.00	0.03	5.39	0.02	0.11
Ox334	246/1971.4	rib/double pellet axe, part finished	0.00	0.01	0.03	80.26	0.01	0.01	0.00	10.79	0.00	0.01	8.59	0.03	0.25
Ox335	246/1971.5	3-rib Sompting axe, sprue/flash	0.01	0.01	0.05	62.32	0.00	0.01	0.02	7.82	0.00	0.01	29.65	0.03	0.07
Ox336	246/1971.6	3-rib Sompting axe, edge ribs	0.00	0.01	0.09	76.44	0.00	0.04	0.04	8.27	0.01	0.01	14.39	0.05	0.66
Ox337	246/1971.7	rib-and-pellet axe, broken blade	0.00	0.02	0.11	86.34	0.00	0.02	0.01	8.59	0.01	0.01	4.65	0.02	0.21

Ox338	246/1971.8	3-rib Sompting axe, edge-ribs	0.00	0.01	0.01	77.96	0.03	0.01	0.00	13.97	0.00	0.01	7.61	0.05	0.34
Ox339	246/1971.9	Sompting axe, plain rib/edge ribs/pellets	0.00	0.00	0.09	77.41	0.00	0.10	0.05	7.79	0.01	0.02	14.36	0.02	0.16
Ox340	246/1971.10	plain socketed axe, reworked, blade	0.01	0.01	0.10	89.12	0.01	0.12	0.13	8.15	0.02	0.00	2.29	0.04	0.01
BMR400	P1971.1-7.2.1	Sompting socketed axe	0.15	0.01	0.05	76.98	0.01	0.35	0.00	13.20	0.06	0.00	8.75	0.03	0.41
BMR401	P1971.1-7.2.10	Sompting socketed axe	0.23	0.00	0.05	83.77	0.02	0.33	0.01	9.93	0.01	0.00	5.56	0.02	0.06
BMR402	P1971.1-7.2.11	Sompting socketed axe	0.16	0.00	0.03	88.51	0.01	0.02	0.00	10.81	0.02	0.00	0.02	0.00	0.41
BMR403	P1971.1-7.2.2	Sompting socketed axe	0.12	0.00	0.02	77.46	0.00	0.04	0.03	16.23	0.03	0.01	5.44	0.02	0.20
BMR404	P1971.1-7.2.3	Sompting socketed axe	0.12	0.01	0.01	97.36	0.00	0.02	0.00	1.87	0.03	0.00	0.14	0.04	0.41
BMR405	P1971.1-7.2.4	Sompting socketed axe	0.23	0.01	0.02	74.84	0.00	0.27	0.02	18.55	0.07	0.04	5.83	0.00	0.12
BMR406	P1971.1-7.2.5	Sompting socketed axe	0.21	0.01	0.03	82.19	0.00	0.13	0.00	11.16	0.04	0.12	6.13	0.01	0.10
BMR407	P1971.1-7.2.6	Sompting socketed axe	0.24	0.01	0.05	76.46	0.00	0.29	0.03	15.26	0.05	0.02	7.36	0.03	0.23
BMR408	P1971.1-7.2.7	Sompting socketed axe	0.04	0.01	0.09	86.75	0.00	0.20	0.03	7.67	0.06	0.01	5.02	0.01	0.11
BMR409	P1971.1-7.2.8	Sompting socketed axe	0.05	0.01	0.11	78.51	0.01	0.30	0.04	12.64	0.01	0.01	7.88	0.03	0.42
BMR410	P1971.1-7.2.9	Sompting socketed axe	0.06	0.00	0.06	77.61	0.02	0.33	0.14	14.84	0.15	0.01	6.75	0.01	0.04
Llyn Fawr															
NMW158	12.11.1	Rib-and-pellet socketed axe	0.02	0.00	0.07	84.09	0.00	0.13	0.07	12.22	0.00		3.40	0.00	
NMW159	12.11.2	Rib-and-pellet socketed axe	0.00	0.00	0.11	87.25	0.00	0.16	0.17	10.31	0.00		2.00	0.00	
NMW160	12.11.3	Rib-and-pellet socketed axe	0.01	0.02	0.10	83.93	0.00	0.17	0.08	11.40	0.00		4.30	0.00	
NMW161	12.11.4	Rib-and-pellet socketed axe	0.04	0.00	0.13	88.07	0.00	0.23	0.16	7.95	0.12		3.30	0.00	
NMW162	12.11.5	Plain socketed axe	0.00	0.00	0.71	87.97	0.00	0.58	1.65	8.22	0.07		0.80	0.00	
NMW163	12.11.6	Socketed sickle	0.02	0.02	0.12	89.81	0.00	0.20	0.16	9.07	0.00		0.60	0.00	
NMW164	12.11.7	Socketed sickle	0.02	0.00	0.02	88.82	0.00	0.14	0.08	6.13	0.00		4.80	0.00	
NMW166	12.11.9	Socketed gouge	0.02	0.00	0.12	88.96	0.00	0.09	0.14	9.67	0.00		1.00	0.00	
NMW167	12.11.10	Socketed gouge	0.03	0.00	0.16	87.53	0.00	0.14	0.13	11.81	0.00		0.20	0.00	
NMW168	12.11.11	Socketed gouge	0.03	0.00	0.02	88.84	0.00	0.12	0.12	9.67	0.00		1.20	0.00	
NMW169	12.11.12	Ha C razor	0.00	0.00	0.14	88.08	0.00	0.15	0.15	9.88	0.00		1.60	0.00	
NMW170	12.11.13	Socketed axe fragment	0.02	0.00	0.10	88.08	0.00	0.11	0.13	10.36	0.00		1.20	0.00	
NMW171	12.11.17	Cheek-piece	0.00	0.02	0.13	84.51	0.00	0.17	0.20	14.67	0.00		0.30	0.00	
NMW172	12.11.18	Cheek-piece	0.04	0.00	0.15	82.02	0.00	0.19	0.32	16.98	0.00		0.30	0.00	
NMW173	12.11.19	Belt fitting	0.03	0.00	0.16	87.82	0.00	0.27	0.21	9.71	0.00		1.80	0.00	
NMW174	12.11.20	Belt fitting	0.06	0.00	0.12	83.63	0.00	0.24	0.18	9.87	0.00		5.90	0.00	

NMW175	13.112	Cauldron (sheet)	0.00	0.00	0.08	84.83	0.00	0.12	0.09	13.28	0.00		1.60	0.00	
NMW176	36.624.1	Cauldron (sheet)	0.00	0.00	0.13	81.78	0.00	0.10	0.09	17.50	0.00		0.40	0.00	
Leckwith Moors, Cardiff															
NMW147	30.130.1	Rib-and-pellet socketed axe	0.02	0.00	0.13	85.84	0.00	0.19	0.18	10.14	0.00		3.50	0.00	
NMW148	30.130.2	Socketed axe fragment	0.00	0.00	0.07	84.46	0.00	0.09	0.07	9.51	0.00		5.80	0.00	
NMW149	30.130.3	Socketed leather-working knife	0.05	0.00	0.09	86.93	0.00	0.18	0.00	8.75	0.00		4.00	0.00	
NMW150	30.130.4	Socketed leather-working knife	0.00	0.00	0.10	88.49	0.00	0.18	0.13	9.10	0.00		2.00	0.00	
NMW151	30.130.5	Socketed leather-working knife	0.00	0.00	0.11	84.83	0.00	0.10	0.12	13.44	0.00		1.40	0.00	
NMW152	30.130.6	Socketed leather-working knife	0.02	0.00	0.11	87.70	0.00	0.09	0.07	10.61	0.00		1.40	0.00	
NMW153	30.130.7	Socketed sickle	0.05	0.00	0.11	86.74	0.00	0.17	0.07	11.26	0.00		1.60	0.00	
NMW154	30.130.8	Socketed sickle fragment	0.00	0.00	0.07	84.10	0.00	0.18	0.08	13.17	0.00		2.40	0.00	
NMW155	30.130.9	Ha C razor	0.06	0.02	0.09	90.02	0.00	0.20	0.08	8.53	0.00		1.00	0.00	
NMW156	30.130.10	Ha C razor	0.00	0.00	0.12	87.90	0.00	0.18	0.18	10.72	0.00		0.90	0.00	
NMW157	30.130.11	Pole cap	0.00	0.00	0.13	89.52	0.00	0.17	0.10	9.58	0.00		0.50	0.00	