Barber's Point

Friston, Aldeburgh, Suffolk

Excavations 2013

Volume 2: Appendices

For:

Aldeburgh & District Local History Society &
Touching the Tide (Heritage Lottery Fund)

Date:

December 2015

FRS 001
Archaeological Excavation Report
SACIC Report No. 2015/019
Author: Jezz Meredith
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Volume 2: Appendices

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Report Date: December 2015

SUFFOLK ARCHAEOLOGY

• A HISTORY OF EXPERTISE •

HER Information

Report Number:	**2015/019**
Site Name:	**Barber's Point, Friston**
Date of Fieldwork:	**29th August – 24th September 2013**
Grid Reference:	**TM 4321 5729**
Commissioning by:	**Aldeburgh and District Local History Society and Touching the Tide (Heritage Lottery Fund)**
Curatorial Officers:	**Jude Plouviez & Richard Hoggett**
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Oasis Reference:	**suffolka1-212467**
Site Code:	**FRS 001**

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Appendix 1. Context List (observable phenomena)

FRS 001 OPs					
OpNo	Feature	Component	Gridsq	Identifier	Description
6000				deposit	Natural deposits - all Trench 6
6001				finds	Unstrat finds all Trench 6
6002				layer	Topsoil, all Trench 6
6003				layer	Dark layer under topsoil (see Squares 6500 etc); mid to dark silty sand with mod sml to med rnd to and flints, occ charc flecks, finds thru'out
6004				layer	Paler layer beyond (or above?) ditch to east of 6003
6005	6005	6178	E3	ph cut	Circular p/h with gently sloping concave sides continous with slightly rounded base; diam 0.48m, depth 0.2m
6006	6005		E3	ph fill	Mid grey brown silty sand with mod sml charc flecks, more freq in patches towards
6007	6007		E4	ditch cut	Linear cut aligned NW-SE with mod sloping convex sides to a broad, uneven concave base. In S.64 it appears to be the latest in a sequence of 3 recuts. Terminates at Sect 80 in Grid Sq D4
6008	6007		E4	ditch fill	Dark to mid brown grey soft sandy silt, containing mod sml and med rnd, sub-rnd and sub-ang flints, occ sml flecks of charcoal, freq oyster shell thru'out but especially against E edge of fill. Same as 6070
6009	6009		E3	grave cut	Same as grave 5155, partialy exposed in 2010; W end uncertain as cut into ditch fill. ENE-WSW running sub-rectangular grave with v steep sides becoming vertical to E end, sharp bos to flat base; length c.2m, width 0.8m. Skull prob shows W end
6010	6009		E3	grave fill	Same as grave fill 5156: medium brown silty sand with freq oyster shell, jumbled with some lying vertically along grave edges and prob derived from surrounding ditch fill
6011	6009		E3	skeleton	Same as 5157: supine with right arm extended and lower left arm folded across body and under right lower arm. Legs straight out with ankles close together. Skull sunken into shoulders and lying close to end of grave cut - may have been raised slightly
6012	6012		E4	ph cut	Small circular clay-filled p/h with vertical edges and flat base; diam 0.22m, depth 0.12m
6013	6012		E4	ph fill	Pale to mid yellow brown sandy clay
6014	6014	6014	E5	ditch cut	Oyster filled N-S running enclosure ditch, re-cut of 6061 & truncated by 6020; with gently sloping concave sides leading to rounded base, truncated along E edge by 6020; width >1.35m, depth 0.65m. Fills 6046, 6015, 6047. Cuts fills of ditch 6061

FRS 001 OPs					
OpNo	Feature	Component	Gridsq	Identifier	Description
6015	6014	6014	E5	ditch fill	Oyster filled middle fill of 6014; dark brown silty sand with freq oyster shells & frags, occ mussel & cockle shells, occ charc flecks; quite hard compaction
6016	6016		E4	pit cut	Sub-rectangular cut with rounded corners, roughly E-W, N edge almost vertical, E end more concave, sharp bos down to a flattish undulating base. After full excavation - S edge was shallower and poorly defined; length 1.54m, width 0.66m, depth 0.17m
6017	6016		E4	pit fill	Light brown grey friable sand with mod sml & med sub-rnd, sub-ang & ang flints
6018	6018		E4	layer	Layer of pale grey, friable silty sand containing occ sml rnd & sub-rnd flints. Same as layer 6022, extends E of ditch 6007. Cut by ditches 6007 & 6035 in Sect 64
6019	6014		E5	ditch fill	Use 6047 instead
6020	6020	6020	E5	ditch cut	Central N-S running enclosure ditch;E edge unsure due to ditch 6028 (no clear relationship); W edge convex, gently sloping at first becoming v steep towards base, gradual bos to narrow flat base; width >2m, depth 1.05m; fills 6021 & 6063; cuts fills of di
6021	6020	6020	E5	ditch fill	Thick deposit across top of ditch 6020 but indistinguishable from fill 6064 of ditch 6028 adj and overlying layer 6004. Mid brown silty stony sand, tip line of oyster shell frags prob derived from fill 6015 of ditch 6014
6022	6022		E4	layer	Same as layer 6018 - buried soil?. Number given to layer W of, and cut by, ditch 6035; same as 6142
6023	6007		E4	ditch fill	Same as ditch fill 6008
6024	6024	6178	E3	ph cut	Roughly circular p/h cut (with vague, diffuse & animal disturbed margins); with gently sloping concave sides & rounded base; length (N-S) c.0.4m, width c.0.45m, depth c.0.15m. Double p/h with 6026. Cutslayer 6042
6025	6024	6178	E3	ph fill	Dark grey brown slightly silty sand; with mod to freq oyster shell (some complete), occ sml pieces of CBM/fired clay, occ sml rnd flints
6026	6026	6178	E3	ph cut	SE of p/h 6024, roughly circular with gently sloping sides and rnd base; diam 0.45m, depth 0.18m. Extensive animal disturbance - no clear relationship with 6024 adj. Might cut layer 6042
6027	6026	6178	E3	ph fill	Same as 6025 - with oyster shell, rnd flints & pieces of fired clay
6028	6028	6028	E5	ditch cut	Outer large N-S running enclosure ditch, the furthest E (poss latest?) of ditch sequence in Sec 67, but with no clear relationship with ditch 6020 adj; with fairly steep, straight edges to narrow rounded base; width >1.4m, depth 1.1m. Fills 6064 (6029)
6029	6028	6028	E5	dich fill	Use 6064 instead
6030	6030		D3 / E3	grave cut	Grave, WNW-ESE axis, sub-rect with rounded ends & corners, steep U-shaped profile, steep sloping sides sometimes vertical, mod/sharp bos to base, slightly concave base, shallow WNW-ESE trough along N for body; length 2.15m, width 0.96m, depth 0.58m

FRS 001 OPs					
OpNo	Feature	Component	Gridsq	Identifier	Description
6031	6030		D3 / E3	skeleton	Supine burial, orientated ESE-WNW, with head to the W. Positioned tight against N edge of grave. Right arm bent, hand resting on left elbow. Left arm slightly bent, resting on pelvis. Legs together, tighly from knees to feet and R foot resting on L
6032	6030		D3 / E3	grave fill	Mid to dark grey brown friable silty sand mottled with light brown/yellow sand, with mod mixed rnd - sub-ang sml to med pebbles, poorly sorted, occ sml yellow clay lenses, v occ charc flecks. Contains body 6031
6033	6030		D3 / E3	finds	Unstrat finds from cleaning surface of grave 6030
6034					number not used
6035	6035		E4	ditch cut	Linear ditch, same alignment as 6007, with mod sloping concave sides down to a broad flat base. Truncated by ditch 6007; cuts graves 6078 & 6082 (see Sec 66)
6036	6035		E4	ditch fill	Pale to mid grey brown soft/friable silty sand with occ sml rnd & sub-rnd stones, occ flecks of charc. Diffuse horizon with layer 6018 / 6022 in places but is much browner. Cut by grave 6078
6037	6037		E4	ditch cut	Linear cut, aligned same as 6007 & 6035, earliest of the three and highly truncated by them, appears to have rounded concave profile. Appears in Sec 80 as 6170, maybe same as 6176
6038	6037		E4	ditch fill	Pale / light yellow friable sand containing occ sml & med sub-rnd & sub-ang flints. Cut by ditch 6035
6039	6039		D2 / D3	grave cut	Roughly rectangular, running E-W, W end truncated by previous dig, E end unclear as cutting fills of pit 6156. The sides are straight, the bos is sharp to flat base. Length 2.5m, width 1m, depth c.0.5m
6040	6039		D2 / D3	skeleton	Supine burial with parts of both legs and feet surviving but rest of body very fragmentary with only parts of right arm, teeth and skull fragments remaining. See also disarticulated bone 6059 & 6060
6041	6039		D2 / D3	grave fill	Mid brown silty sand with freq sub-ang stones; residual Roman finds; animal disturbance & burrows esp to W end. Finds group 6083 found N of feet of skeleton 6040
6042	6066		E3	ditch fill	Ditch fill of 6066 (originaly thought to be layer) cut by p/hs 6024 & 6026; mid grey brown v slightly silty sand with occ sml to med rnd flints
6043	6043		D2	grave cut	Small grave aligned W-E, roughly rectangular in plan with slightly rounded ends, sides moderately steep with gengle bos becoming flat across base; length 1.8m, width 0.8m, depth c0.3m
6044	6043		D2	grave fill	Mottled mid brown / orange sand with sub-ang stones; oyster shell & residual Roman pot
6045	6043		D2	skeleton	Partial skeleton of child, bone v degraded & fragile (2 holes in top of skull?) total length of body 0.95m, max length of femur 0.2m. Copper alloy coin or token found in neck area
6046	6014	6014	E5	ditch fill	Top fill of 6014: light brown/mottled orange silty sand with occ stones
6047	6014	6014	E5	ditch fill	Basal fill of 6014: mid brown grey silty sand with occ sml stones
6048	6061	6061	E5	ditch fill	Basal fill of 6061: light brown/grey yellow silty sand, fairly loose

FRS 001 OPs					
OpNo	Feature	Component	Gridsq	Identifier	Description
6049	6020	6020	E5	ditch fill	Use 6063 instead
6050	6043		D2	human bone	Part of skeleton 6045
6051	6043		D2	human bone	Part of skeleton 6045
6052	6043		D2	human bone	Part of skeleton 6045
6053	6043		D2	human tooth	Part of skeleton 6045
6054	6043		D2	human tooth	Part of skeleton 6045
6055	6043		D2	human bone	Part of skeleton 6045
6056	6039		D2 / D3	coffin stain?	Staining in grave fill 6041; dark grey slightly brownish friable silty sand, blackened in places with occ charc flecking. Indicating possible coffin or tray
6057	6058		E4	ph fill	Mid grey brown soft/friable sandy silt containing occ sml rnd & sub-rnd stones, fill of p/h 6058
6058	6058		E4	ph cut	Circular cut with shallow concave profile; diam 0.3m, depth 0.07m. Possibly cuts layer 6504
6059	6040		D2 / D3	human bone	Disarticulated part of skeleton 6040
6060	6040		D2 / D3	human bone	Disarticulated part of skeleton 6040
6061	6061	6061	E5	ditch cut	Inner large N-S enclosure ditch, recut by 6014; steep slightly convex W edge, gentler sloping, stepped E edge but truncated by 6014, gradual bos to narrow flat base; width >1.4m, depth 1.1m. Fills 6062, 6048
6062	6061	6061	E5	ditch fill	Upper fill of 6061: light brown/grey yellow silty sand
6063	6020	6020	E5	ditch fill	Basal fill of 6020: light brown grey silty sand, v occ stone
6064	6028	6028	E5	ditch fill	Single fill of ditch 6028, indistinguishable from 6004 & 6021 of adj ditch 6020: mid brown silty stony sand
6065	6065?		D2	layer	Reduction in D2 to the E of grave 6039; cleaning for clarity over pit 6156
6066	6066	6007	E3	ditch cut	Unexcavated continuation to the NW of 6007
6067	6066	6007	E3	ditch fill	Fill of ditch 6066 cut by p/hs 6024 & 6026, partly revealed in section 63; see 6008
6068	6068	6035	E3	ditch cut	Unexcavated continuation to the NW of 6035
6069	6068	6035	E3	ditch fill	Fill of ditch 6068; see 6036

FRS 001 OPs					
OpNo	Feature	Component	Gridsq	Identifier	Description
6070	6007		E4	ditch fill	Same as fill 6008, see Sec 66
6071					number cancelled
6072	6035		E4	ditch fill	Same as fill 6036, see Sec 66
6073		6003	D3	layer	Clean-up layer to E of grave 6039 so probably same as dark layer 6519 etc but could be from top fill of pit 6156
6074	6074		C1 / C2	grave cut	Large rectangular grave with rounded corners, orientated W-E, steep near vertical sides except at E end where more gradual, stepped profile, gradual bos to slightly rounded base becoming slightly deeper towards W end; leng 2.6m (W-E), wdth 0.76m, dpth 0.5
6075	6074		C1 / C2	grave fill	Fill of grave 6074, contains skull fragments 6099
6076	6078		E3	grave fill	Mid grey brown soft/friable sandy silt with lumps & patches of yellow redeposited clay & sand with occ flecks of charc & oyster shell
6077	6078		E3	skeleton	Skull is the only surviving bone except for a few floating fragments in the fill. From the position of the skull the body appears to have been orientated W-E, with head to W. Skull collapsed & damaged but appears to be complete, skull tilted to S
6078	6078		E3	grave cut	Sub-rectangular in plan, orientated W-E, has steep, near-vertical sides with an uneven flattish base; length 1.75m, width 0.6m, depth 0.2m. Has been truncated by later ditches (see Sec 66), esp across N side
6079	6156		D3	pit fill	Black charc-rich fill of pit 6156, first seen in E end of Grave 6039
6080	6082		E3	grave fill	Mid grey brown soft/friable sandy silt containing occ sml rnd & sub-rnd stones, occ charc flecks; cut by ditch 6035
6081	6082		E3	skeleton	Partial supine skeleton, aligned W-E with legs to E; legs close together, L arm (shown by body stain) placed over pelvis. Missing: most of skull, ribs, spine, pelvis & feet, some teeth present; L femur has body stain outside. Length c1.51m, femur 0.49m
6082	6082		E3	grave cut	Sub-rectangular in plan, aligned W-E, v steep sides almost vertical, sharp bos to base, base v flat. The ends of feature not so easily distinguished. Truncated by ditch 6035. Fill- 6080, skele- 6081. Length 2.45m, width 0.59m, depth 0.4m
6083	6039		D2 / D3	finds group	Group of finds contained within a wooden box, impressions of which preserved in corrosion of iron fittings (eg SF 1743). Other SFs include iron hoop with beads (1757), terret ring (1760), spindle whorl (1773), cowrie shell (1809) etc etc
6084	6039		D2 / D3	fill	Fill from around finds group 6083
6085	6085		E2	ph cut	Circular p/h with shallow, gently sloping concave sides with gradual bos to flat base; diam 0.7m, depth 0.1m

FRS 001 OPs					
OpNo	Feature	Component	Gridsq	Identifier	Description
6086	6085		E2	ph fill	Mid orange brown silty sand with occ sml to large (
6087	6087		E2	slot cut	Short linear slot, axis N-S, with gently sloping, concave sides, gradual bos to flat base; length 1.15m (N-S), width 0.56m, depth 0.18m
6088	6087		E2	slot fill	Mid to dark grey brown silty sand with occ sml rnd flints
6089	6089		E2	ph cut	Circular p/h with shallow gently sloping concave sides & base; diam 0.7m, depth 0.12m
6090	6089		E2	ph fill	Mid orange brown silty sand with occ rnd flints
6091	6091		E2	ph cut	Circular p/h with fairly steep, slightly concave sides, gradual bos to almost flat base; diam 0.7m, depth 0.16m
6092	6091		E2	ph fill	Dark brown silty sand with occ flints, some quite large (<60mm)
6093	6093		E2	pit cut	Circular pit or possible larger p/h with fairly steep concave sides & base; diam 0.86m, depth 0.26m
6094	6093		E2	pit fill	Mid to dark orange brown silty sand with occ sml flints, large deposit of pale yellow brown sand clay across base
6095	6095		E2	ph cut	Small circular possible p/h with shallow concave sides & base; diam 0.4m, depth 0.1m
6096	6095		E2	ph fill	Dark brown silty sand with occ sml rnd flints
6097	6097		E2	ph cut	Small circular p/h adj to p/h 6111, with steep concave sides, gradual bos to almost flat base; diam 0.48m, depth 0.22m. No observable relationship seen in temporary section cut between this p/h & 6111
6098	6097		E2	ph fill	Mottled mid/dark grey brown silty sand with occ sml rnd flints
6099	6074		C1/C2	skeleton	Tooth fragments at W end of grave 6074 probably all remaining from decayed burial
6100	6100		D2	grave cut	Sub-rectangular in plan, orientated WNW-ESE, steep sloping (near vertical) sided, flattish base; length 1.95m, width 0.74m, depth 0.34m
6101	6100		D2	grave fill	Mid to dark grey brown silty sand with flint & gravel content, freq oyster shell
6102	6100		D2	skeleton	Lying supine with right arm laying across body. Left arm lying along left hip. Top and part of back of skull intact, another section fallen forward, no jaw evident, multiple fragments of bone and teeth in jaw area. Both hands missing and parts of the feet
6103	6100		D2	human bone	Disarticulated bone from within grave 6100 and possibly belonging to skeleton 6102
6104	6104		E4	pit cut	Stone-filled pit seen in section 68. Partly revealed against N edge of site, approx oval in plan, orientated NW-SE, with fairly steep sides, fairly sharp bos to flat, slightly concex base; length >2.1m (NW-SE), width 1.2m, depth 0.22m. Cuts layer 6108
6105	6104		E4	pit fill	Mid brown orange silty sand filled with freq flint nodules (50-200mm) and mod to freq gravel & sml rnd pebbles; some worked flint also

FRS 001 OPs					
OpNo	Feature	Component	Gridsq	Identifier	Description
6106	6106		E4	natural cut	Revealed in Section 68, subsequent excavation proved to be natural origin - animal burrow or water channel
6107	6106		E4	natural fill	Fill of 6106
6108	6108?		E4	layer	Mottled mid to dark orange brown silty sand with occ broken ang flints. Cut by pit 6104
6109	6109		D3	pit cut	Oval cut, E-W axis, concave sides and slightly rounded base; length 0.76m (E-W), width 0.7m, depth 0.19m
6110	6109		D3	pit fill	Mottled yellow / grey sand with charc flecks
6111	6111		E2	ph cut	Circular p/h adj to p/h 6097, with grently sloping concave sides & rounded base; diam 0.6m, depth 0.26m
6112	6111		E2	ph fill	Mid orange brown silty sand with occ sml flints
6113	6113	6178	E2	ph cut	Possible elliptical p/h, axis NE-SW, with gently sloping cancave sides & base, SE edge poorly defined; length 0.8m (NE-SW), width 0.6m, depth 0.22m
6114	6113	6178	E2	ph fill	Mottled mid/dark yellow brown / brown grey silty sand with mod charc flecks mainly towards centre of deposit
6115	6115	6178	E2	ph cut	Possible circular p/h with concave sides & flat base, S edge poorly defined; diam c.0.7m, depth 0.18m
6116	6115	6178	E2	ph fill	Mid brown silty sand with occ sml to med flints
6117					number cancelled
6118					number cancelled
6119					number cancelled
6120					number cancelled
6121	6121		C2	ph cut	Possible circular clay-filled p/h with steep sides, gradual bos to flat base; diam 0.36m, depth 0.24. Other possible p/hs in this area - 6117, 6119 & 6123 - were discounted as Natural
6122	6121		C2	ph fill	Chalky clay fill - could be Natural
6123					number cancelled
6124					number cancelled
6125	6125	6014	E5	ditch cut	Continuation of ditch 6014, recut of ditch 6177, N-S running at this point with fairly steep concave sides and rounded base; width c.1.2m, depth 0.65m. Truncated by ditch 6127 to the E
6126	6125	6014	E5	ditch fill	General number for fill of ditch 6125; see 6146 & 6147, not recorded on Section 103
6127	6127	6020	E5	ditch cut	Continuation of ditch 6020, N-S running ditch under layer 6145, with steep convex edges to base, fairly sharp bos to v narrow flat base, uncertain relationship with ditch 6129; width c1.2m, depth c0.6m
6128	6127	6020	E5	ditch fill	General number for fills of/above ditch 6127, probably includes part of layer 6145, not recorded on Section 103

FRS 001 OPs					
OpNo	Feature	Component	Gridsq	Identifier	Description
6129	6129	6028	E5	ditch cut	Continuation of ditch 6028, N-S running ditch under layer 6145, with steep, slightly convex sides continuous with narrow rounded base
6130	6129	6028	E5	ditch fill	General number for fills of/above ditch 6129, probably includes part of layer 6145, not recorded on Section 103
6131	6100		D2	human bone	Disarticulated bone, part of 6102
6132	6100		D2	human bone	Disarticulated bone, part of 6102
6133	6100		D2	human bone	Disarticulated bone, part of 6102
6134	6100		D2	human bone	Disarticulated bone, part of 6102
6135	6135		D3 / E3	grave cut	Sub-rectangular with rnd corners, axis WNW-ESE, u-shaped profile, sharp bos top, steep sloping sides / near vertical, sharp bos base (gentler at W end), flattish base; cut unsure to E end. Fill 6037, skeleton 6036. Length 2.45m, width 0.75m, depth 0.61m
6136	6135		D3 / E3	skeleton	Laying WNW-ESE supine, head to W. Bone in poor condition only extreme long bones survive (friable); some body staining observed 6154. No assoc SFs, no coffin furniture
6137	6135		D3 / E3	grave fill	Dark grey brown silty sand mottled with mid/light yellow/brown sand with mod sml to med pebbles
6138	6138		E2	ph cut	Large possibly circular p/h partly revealed against N baulk of site with steep straight edges, gradual bos to slightly dished base; diam 0.8m, depth 0.34m. Fills 6140 & 6139
6139	6138		E2	ph fill	Small upper fill, mid to dark brown silty sand with occ sml to med rnd to ang flints
6140	6138		E2	ph fill	Lower main fill, mid brown silty sand with freq large rnd flint cobbles max 170mm, mod sml to med flints, occ charc flecks
6141	6007		E4	ditch fill	Fill of ditch 6007, same as 6008; oyster shell & pottery
6142	6142?		D4	layer	Same as 6022; layer in grid sq D4, cut by ditch 6007 terminal
6143	6100		D3	human bone	Disarticulated bone, part of 6102
6144	6100		D3	human bone	Disarticulated bone, part of 6102
6145	6145	6004?	E5	layer	Layer stretching across the top of fills for ditches 6127 & 6129; mid to dark brown silty sand with mod to freq flints; width E-W >4m, max depth 0.75m. Probably part of layer 6004

FRS 001 OPs					
OpNo	Feature	Component	Gridsq	Identifier	Description
6146	6125	6014	E5	ditch fill	Upper fill of ditch 6126: dark grey/black silty sand with v freq oyster shell. Cut by ditch 6127
6147	6125	6014	E5	ditch fill	Basal fill of ditch 6125: light brown silty sand
6148	6177	6061	E5	ditch fill	Single fill of ditch 6177: orange brown silty sand with occ large flint nodules
6149	6127	6020	E5	ditch fill	Upper fill of ditch 6127 sealed by layer 6145: mid to light brown silty sand
6150	6127	6020	E5	ditch fill	Basal fill of ditch 6127: medium to light orange brown sand
6151					number cancelled
6152	6129	6028	E5	ditch fill	Upper fill of ditch 6129 sealed by layer 6145: mid to light grey brown silty sand
6153	6129	6028	E5	ditch fill	Basal fill of ditch 6129: orange brown sand
6154	6135		D3 / E3	body stain	Body stain in grave 6135, blackened cohesive but friable fine silt, amorphous in places, following bones in others; planned 1:10 with body; 100% sampled
6155	6135		D3 / E3	organic stain	Anomaly at E end of grave, amorphous shape; mid brown slightly silty sand with few inclusions, occ rnd med pebbles; 100% and 1:10 planned
6156	6156		D3	pit cut	Large pit to E of and truncated by graves 6039 & 6043; roughly oval in plan, axis E-W, mod steep sides, becoming steeper, mod bos to concave base; length 2.88m (E-W), width 1.82m, depth 0.84m
6157					number cancelled
6158	6022?		D4	layer	Same as 6022, layer in grid sq D4
6159	6160		D4	pit fill	Mid grey brown sandy silt, heavily animal disturbed, with lenses of dark material containing freq oyster shell, pottery & charc
6160	6160		D4	pit cut	Circular (?) cut in plan with steep, concave sides, unsure of base (animal disturbance); cuts fill of ditch 6176, tuncated by 6172
6161					number cancelled, use 6156
6162	6156		D3	pit fill	Primary fill of pit 6156; orange/grey sand, slightly pinky with gleyed water washed look
6163	6156		D3	pit fill	Very deep pinky brown sand, resembles in situ burning, loosish & soft
6164	6156		D3	pit fill	Pale pink sand, v firm and compacted, like 6163 in situ burning exposed to heat
6165	6156		D3	pit fill	Similar to fill 6164 but below the charcoal rich layer 6079; hard & compact
6166	6156		D3	pit fill	Dark brown sandy fill with freq sub ang stones, mod loose, disturbed by animal burrows
6167	6168		D4	ditch fill	Same as 6146
6168	6168		D4	ditch cut	Linear ditch, same as 6125 & 6014; truncates ditches 6170 & 6172; terminates close to terminal of ditch 6007
6169	6170		D4	ditch fill	Fill of ditch 6170

FRS 001 OPs					
OpNo	Feature	Component	Gridsq	Identifier	Description
6170	6170		D4	ditch cut	Linear ditch running NE-SW, same as 6037; may continue as 6176; truncated by 6168 & 6007
6171	6172		D4	ditch fill	Dark grey brown soft silty sand with occ sml to med flints
6172	6172		D4	ditch cut	Ditch, same as 6061 & 6177; truncated by terminal 6168; cuts fill of pit 6160
6173	6174		D4	ditch fill	Fill of ditch 6174
6174	6174		D4	ditch cut	Ditch, same as 6028/6129 or 6020/6127, both ditches have merged by grid sq D4; cuts fill of ditch 6176
6175	6176		D4	ditch fill	Mid brown yellow brown soft/friable sandy silt with few inclusions, occ charc
6176	6176		D4	ditch cut	Linear ditch with mod sloping, slightly convex sides down to a rounded concave base, aligned NW-SE; filled by 6174; truncated by ditch 6174 & pit 6160; may be same as 6037/6170
6177	6177	6061	E5	ditch cut	Continuation of ditch 6061, recut by ditch 6146 and truncated along E edge by 6145, with gently sloping concave upper edges becoming steeper and more convex towards narrow base; width >2m, depth c1m
6178		6178		fence line?	Possible NNE-SSW running fence line including p/hs 6005, 6024, 6026, 6113 & 6115 (might also include 5060,5062 & 5076; 0578 & 0596)
6500		6003	E2	2.5m sq (part)	Sieved square, NW corner E2, not full square
6501		6003	E2	2.5m sq	Sieved square, NE corner E2
6502		6003	E3	2.5m sq	Sieved square, NW corner E3
6503		6003	E3	2.5m sq	Sieved square, NE corner E3, poss backfill contamination from previous trench
6504		6003	E4	2.5m sq	Sieved square, NW corner E4, poss backfill contamination from previous trench
6505		6003	E4	2.5m sq	Sieved square, NE corner E4
6506		6004	E5	2.5m sq	Sieved square, NW corner E5
6507		6004	E5	2.5m sq	Sieved square, NE corner E5
6508		6004	E6	2.5m sq (part)	Not dug
6509		6003	E2	2.5m sq (part)	Sieved square, SW corner E2, not full square
6510		6003	E2	2.5m sq (part)	Sieved square, SE corner E2, not full square
6511		6003	E3	2.5m sq	Sieved square, SW corner E3, poss backfill contamination from previous trench
6512		6003	E3	2.5m sq	Sieved square, SE corner E3, poss backfill contamination from previous trench
6513		6003	E4	2.5m sq	Sieved square, SW corner E4

FRS 001 OPs					
OpNo	Feature	Component	Gridsq	Identifier	Description
6514		6003	E4	2.5m sq	Sieved square, SE corner E4, poss backfill contamination from previous trench
6515		6004	E5	2.5m sq	Sieved square, SW corner E5
6516		6004	E5	2.5m sq	Sieved square, SE corner E5
6517		6004	E6	2.5m sq (part)	Not dug
6518		6003	D2	2.5m sq (part)	Sieved square, NE corner D2, not full square
6519		6003	D3	2.5m sq	Sieved square, NW corner D3
6520		6003	D3	2.5m sq	Sieved square, NE corner D3
6521		6003	D4	2.5m sq	Sieved square, NW corner D4, poss backfill contamination from previous trench
6522			D4	2.5m sq	Square not sieved as located over previous backfilled trench
6523		6004	D5	2.5m sq	Sieved square, NW corner D5, poss backfill contamination from previous trench
6524		6004	D5	2.5m sq	Sieved square, NE corner D5
6525		6004	D6	2.5m sq (part)	Not dug
6526		6003	D2	2.5m sq (part)	Sieved square, SE corner D2, not full square
6527		6003	D3	2.5m sq	Sieved square, SW corner D3
6528		6003	D3	2.5m sq	Sieved square, SE corner D3
6529		6004	D4	2.5m sq	Sieved square, SW corner D4, poss backfill contamination from previous trench
6530		6004	D4	2.5m sq	Sieved square, SE corner D4, poss backfill contamination from previous trench
6531		6004	D5	2.5m sq	Not sieved, SW corner D5, poss backfill contamination from previous trench
6532		6004	D5	2.5m sq	Not dug
6533		6004	D6	2.5m sq (part)	Not dug
6534		6003	C1	2.5m sq (part)	Sieved square, NE corner C1, not full square
6535		6003	C2	2.5m sq (part)	Sieved square, NW corner C2, not full square

FRS 001 OPs					
OpNo	Feature	Component	Gridsq	Identifier	Description
6536		6003	C2	2.5m sq (part)	Sieved square, NE corner C2, not full square, poss backfill contamination from previous trench
6537		6003	C3	2.5m sq	Sieved square, NW corner C3
6538		6004	C3	2.5m sq	Not dug
6539		6004	C4	2.5m sq	Not dug
6540		6004	C4	2.5m sq	Not sieved, NE corner C4, poss backfill contamination from previous trench
6541		6004	C5	2.5m sq	Not sieved, NW corner C5, poss backfill contamination from previous trench
6542		6004	C5	2.5m sq	Not dug
6543		6004	C6	2.5m sq	Not dug
6544		6003	C1	2.5m sq	Sieved square, SE corner C1
6545		6003	C2	2.5m sq	Sieved square, SW corner C2
6546		6003	C2	2.5m sq (part)	Sieved square, SE corner C2, not full square, poss backfill contamination from previous trench
6547		6004	C3	2.5m sq (part)	Sieved square, SW corner C3, not full square, poss backfill contamination from previous trench
6548		6004	C3	2.5m sq	Not dug
6549		6004	C4	2.5m sq	Not dug
6550		6004	C4	2.5m sq	Not dug
6551		6004	C5	2.5m sq	Not dug
6552		6004	C5	2.5m sq	Not dug
6553		6003	B1	2.5m sq	Sieved square, NE corner B1
6554		6003	B2	2.5m sq	Sieved square, NW corner B2
6555		6004	B2	2.5m sq (part)	Sieved square, NE corner B2, not full square
6556		6003	B1	2.5m sq	Not dug
6557		6004	B2	2.5m sq	Not dug
6558		6004	A1	2.5m sq	Not dug

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APPENDIX 2

RADIOCARBON DATING CERTIFICATE

07 April 2014

Laboratory Code	SUERC-51414 (GU32965)
Submitter	Richenda Goffin Suffolk County Council Archaeological Service 9-10 Churchyard, Shire Hall Bury St Edmunds IP33 2AR
Site Reference	Barber's Point Friston, site code FRS 001
Context Reference	6040
Sample Reference	1
Material	Bone : Human
$\delta^{13}C$ relative to VPDB	-20.0 ‰
$\delta^{15}N$ relative to air	11.1 ‰
C/N ratio (Molar)	3.2
Radiocarbon Age BP	1501 ± 20

N.B. The above ^{14}C age is quoted in conventional years BP (before 1950 AD). The error, which is expressed at the one sigma level of confidence, includes components from the counting statistics on the sample, modern reference standard and blank and the random machine error.

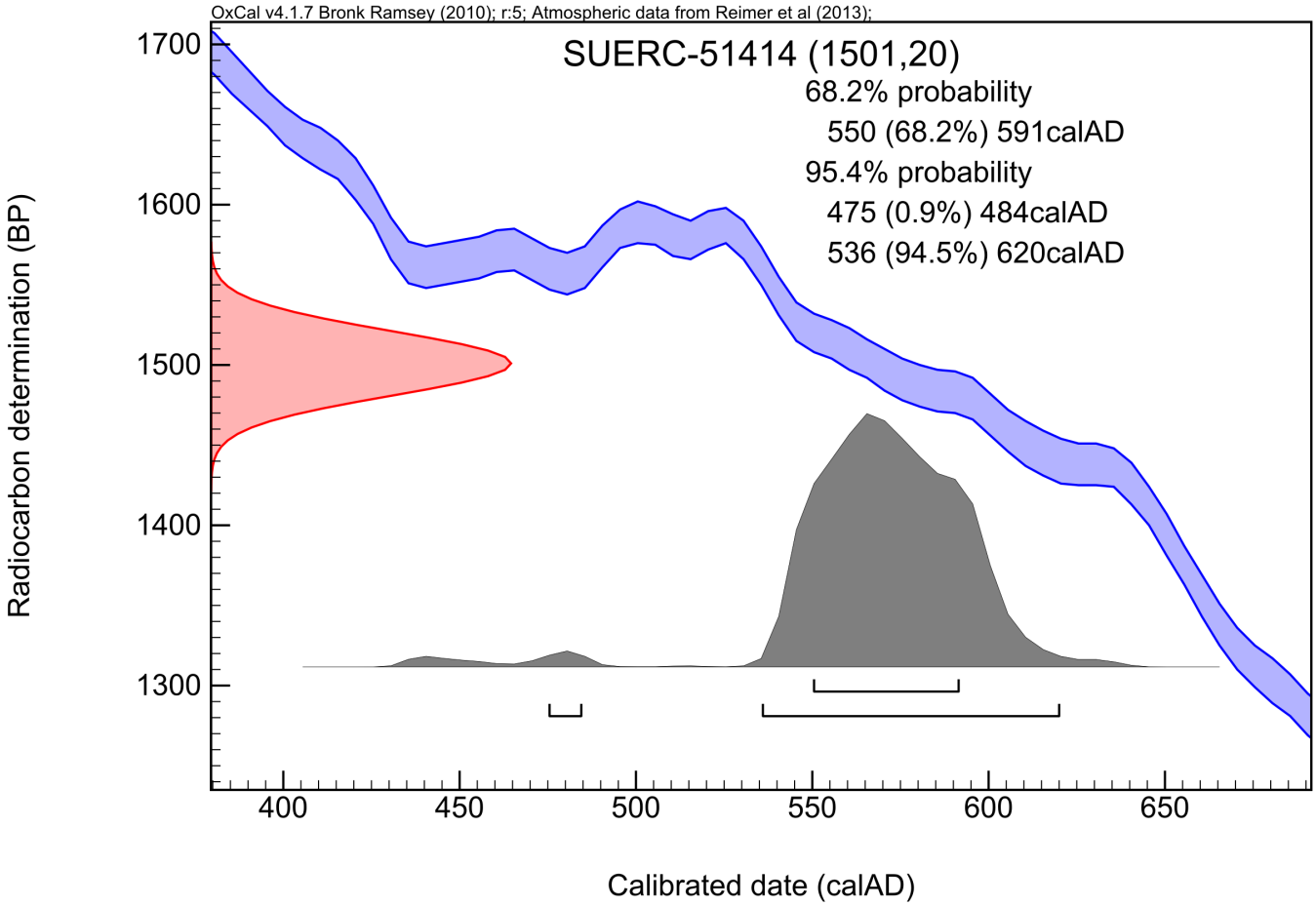
The calibrated age ranges are determined from the University of Oxford Radiocarbon Accelerator Unit calibration program (OxCal4).

Samples with a SUERC coding are measured at the Scottish Universities Environmental Research Centre AMS Facility and should be quoted as such in any reports within the scientific literature. Any questions directed to the Radiocarbon Laboratory should also quote the GU coding given in parentheses after the SUERC code. The contact details for the laboratory are email g.cook@suerc.gla.ac.uk or telephone 01355 270136 direct line.

Conventional age and calibration age ranges calculated by :- N. Rutt Date :- 07/04/2014

Checked and signed off by :- E. Dunbar Date :- 07/04/2014

Calibration Plot



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RADIOCARBON DATING CERTIFICATE

03 April 2014

Laboratory Code	SUERC-51210 (GU32966)
Submitter	Richenda Goffin Suffolk County Council Archaeological Service 9-10 Churchyard, Shire Hall Bury St Edmunds IP33 2AR
Site Reference	Barber's Point Friston, site code FRS 001
Context Reference	6031
Sample Reference	2
Material	Bone : Human
$\delta^{13}C$ relative to VPDB	-20.1 ‰
$\delta^{15}N$ relative to air	10.9 ‰
C/N ratio (Molar)	3.3
Radiocarbon Age BP	1265 ± 35

N.B. The above ^{14}C age is quoted in conventional years BP (before 1950 AD). The error, which is expressed at the one sigma level of confidence, includes components from the counting statistics on the sample, modern reference standard and blank and the random machine error.

The calibrated age ranges are determined from the University of Oxford Radiocarbon Accelerator Unit calibration program (OxCal4).

Samples with a SUERC coding are measured at the Scottish Universities Environmental Research Centre AMS Facility and should be quoted as such in any reports within the scientific literature. Any questions directed to the Radiocarbon Laboratory should also quote the GU coding given in parentheses after the SUERC code. The contact details for the laboratory are email g.cook@suerc.gla.ac.uk or telephone 01355 270136 direct line.

Conventional age and calibration age ranges calculated by :- E. Dunbar Date :- 03/04/2014

Checked and signed off by :- N. Rutt Date :- 03/04/2014

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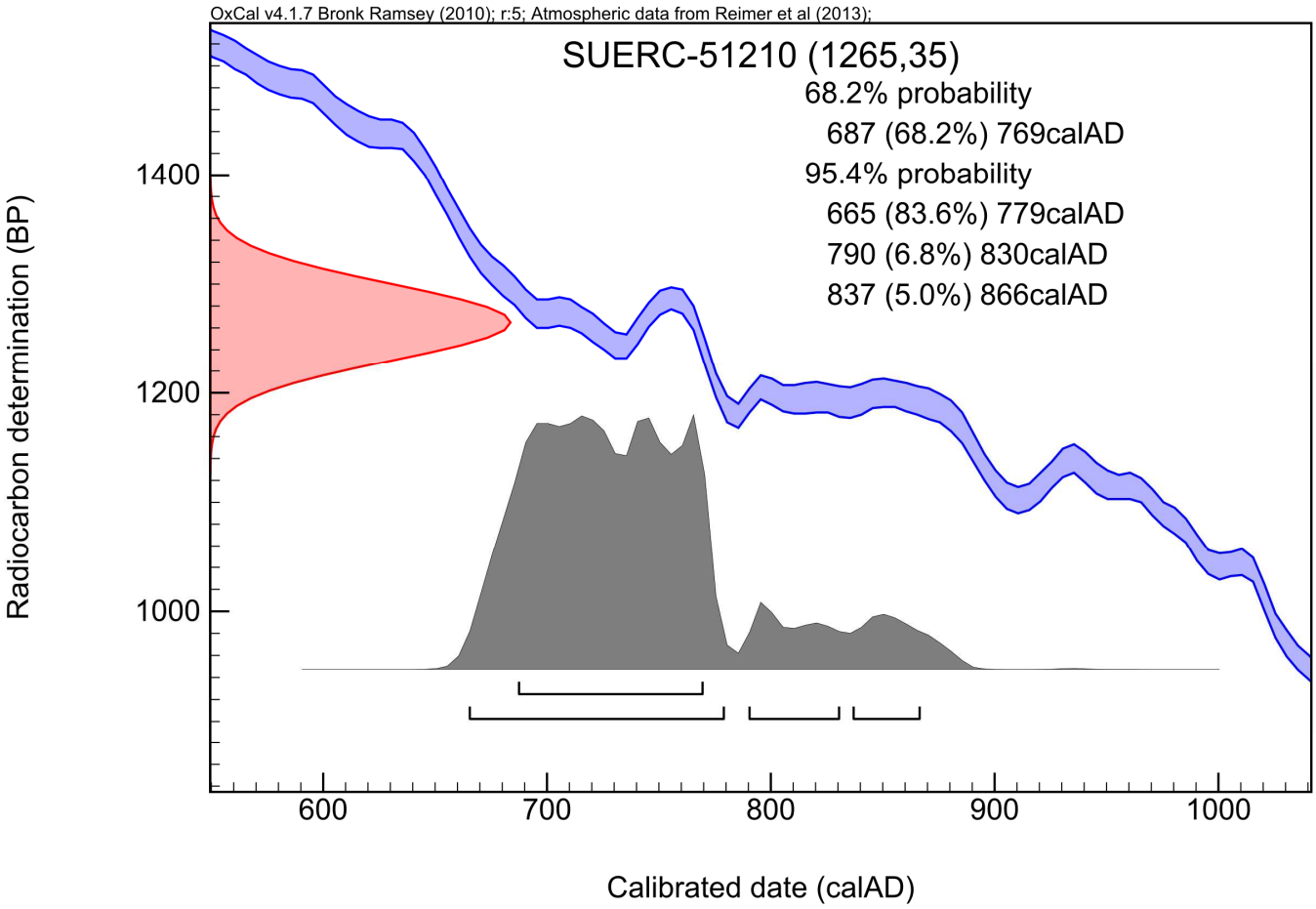
Calibration Plot



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RADIOCARBON DATING CERTIFICATE

03 April 2014

Laboratory Code	SUERC-51211 (GU32967)
Submitter	Richenda Goffin Suffolk County Council Archaeological Service 9-10 Churchyard, Shire Hall Bury St Edmunds IP33 2AR
Site Reference	Barber's Point Friston, site code FRS 001
Context Reference	6077
Sample Reference	3
Material	Bone : Human
δ^{13}C relative to VPDB	-20.5 ‰
δ^{15}N relative to air	11.3 ‰
C/N ratio (Molar)	3.2
Radiocarbon Age BP	1328 ± 35

N.B. The above ^{14}C age is quoted in conventional years BP (before 1950 AD). The error, which is expressed at the one sigma level of confidence, includes components from the counting statistics on the sample, modern reference standard and blank and the random machine error.

The calibrated age ranges are determined from the University of Oxford Radiocarbon Accelerator Unit calibration program (OxCal4).

Samples with a SUERC coding are measured at the Scottish Universities Environmental Research Centre AMS Facility and should be quoted as such in any reports within the scientific literature. Any questions directed to the Radiocarbon Laboratory should also quote the GU coding given in parentheses after the SUERC code. The contact details for the laboratory are email g.cook@suerc.gla.ac.uk or telephone 01355 270136 direct line.

Conventional age and calibration age ranges calculated by :- E. Dunbar Date :- 03/04/2014

Checked and signed off by :- N. Rutt Date :- 03/04/2014

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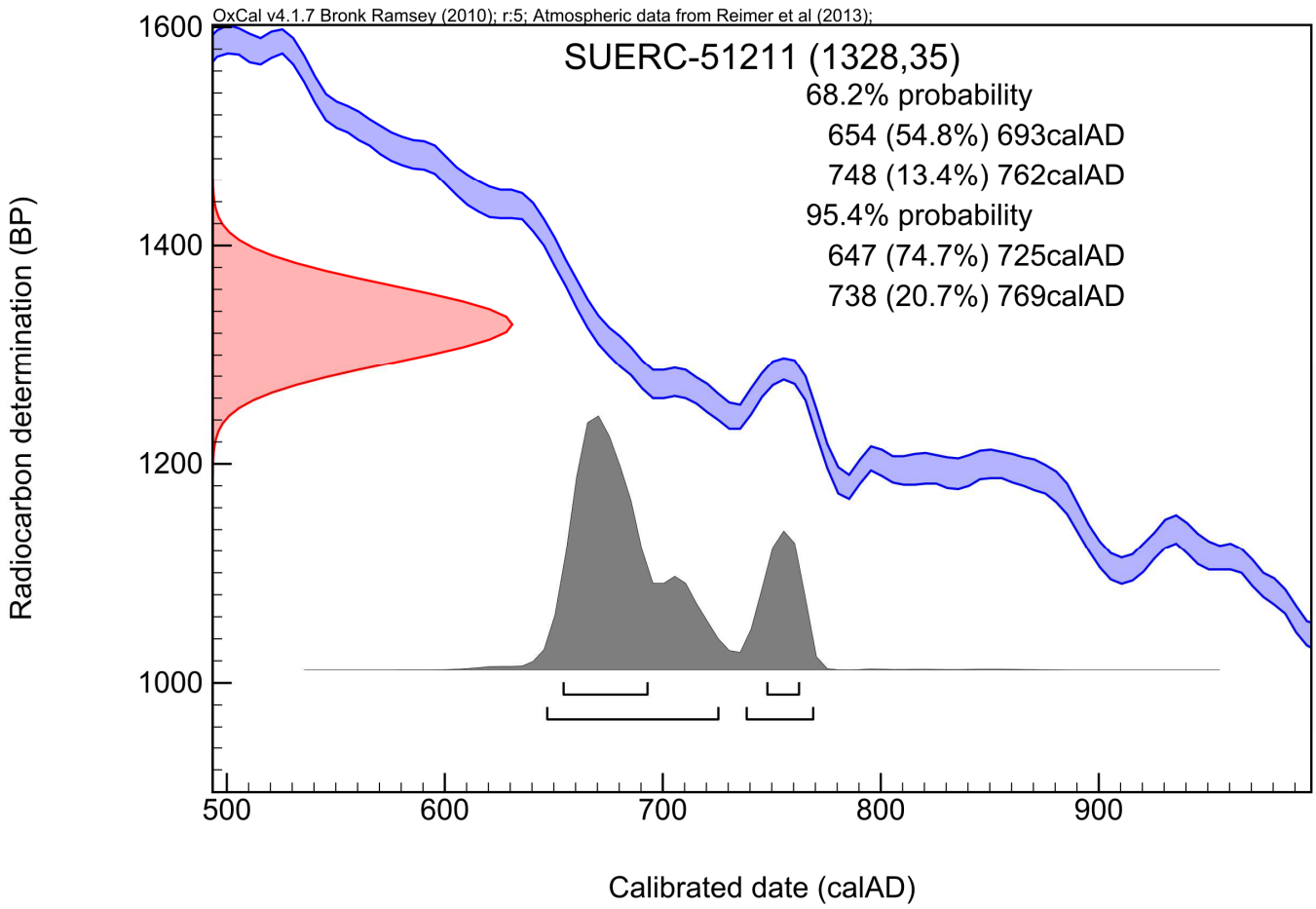
Calibration Plot



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RADIOCARBON DATING CERTIFICATE

03 April 2014

Laboratory Code	SUERC-51212 (GU32968)
Submitter	Richenda Goffin Suffolk County Council Archaeological Service 9-10 Churchyard, Shire Hall Bury St Edmunds IP33 2AR
Site Reference	Barber's Point Friston, site code FRS 001
Context Reference	6136
Sample Reference	4
Material	Bone : Human
δ^{13}C relative to VPDB	-20.3 ‰
δ^{15}N relative to air	10.9 ‰
C/N ratio (Molar)	3.3
Radiocarbon Age BP	1445 ± 35

N.B. The above ^{14}C age is quoted in conventional years BP (before 1950 AD). The error, which is expressed at the one sigma level of confidence, includes components from the counting statistics on the sample, modern reference standard and blank and the random machine error.

The calibrated age ranges are determined from the University of Oxford Radiocarbon Accelerator Unit calibration program (OxCal4).

Samples with a SUERC coding are measured at the Scottish Universities Environmental Research Centre AMS Facility and should be quoted as such in any reports within the scientific literature. Any questions directed to the Radiocarbon Laboratory should also quote the GU coding given in parentheses after the SUERC code. The contact details for the laboratory are email g.cook@suerc.gla.ac.uk or telephone 01355 270136 direct line.

Conventional age and calibration age ranges calculated by :- E. Dunbar Date :- 03/04/2014

Checked and signed off by :- N. Rutt Date :- 03/04/2014

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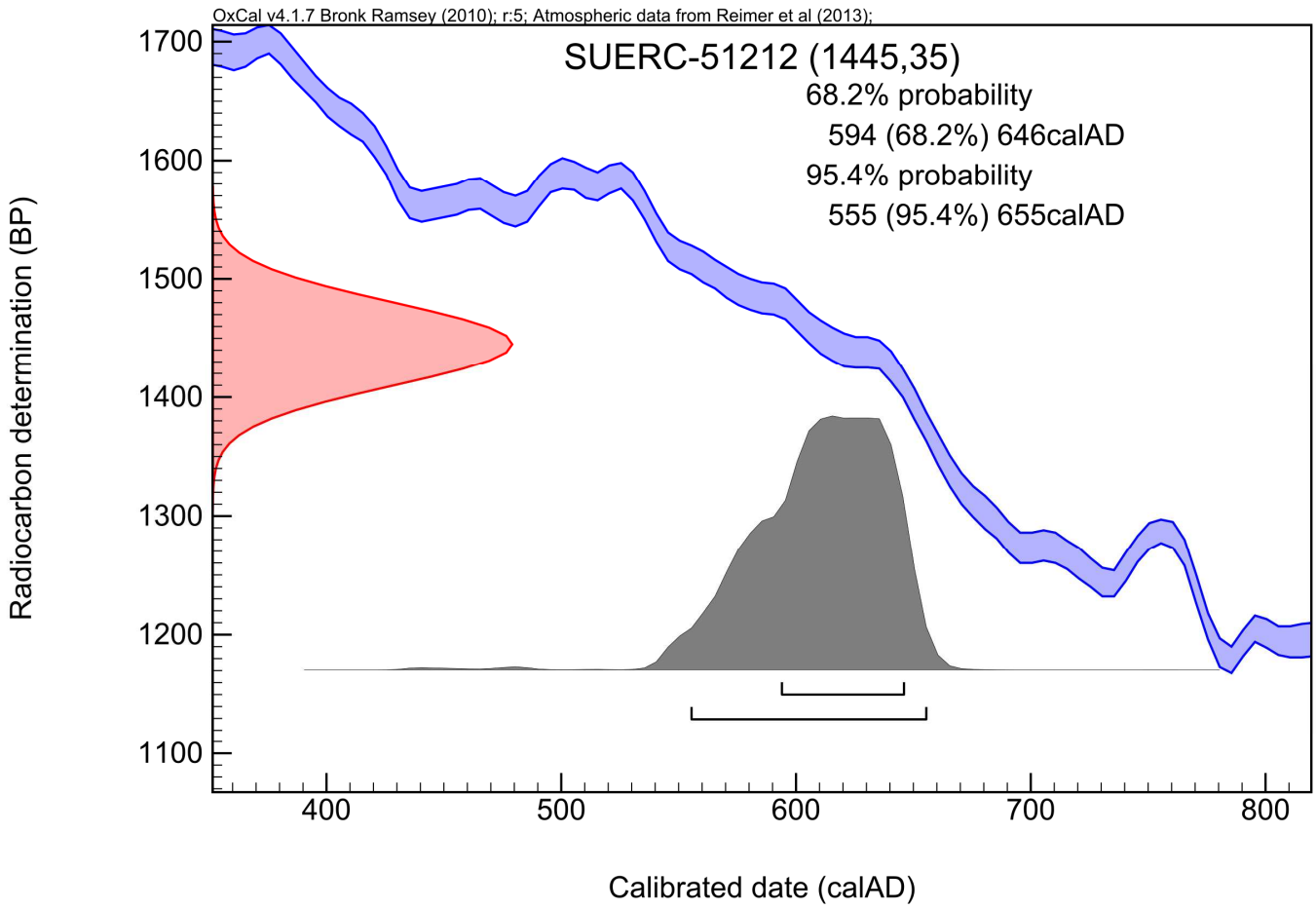
Calibration Plot



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RADIOCARBON DATING CERTIFICATE

03 April 2014

Laboratory Code	SUERC-51213 (GU32969)
Submitter	Richenda Goffin Suffolk County Council Archaeological Service 9-10 Churchyard, Shire Hall Bury St Edmunds IP33 2AR
Site Reference	Barber's Point Friston, site code FRS 001
Context Reference	6045
Sample Reference	5
Material	Bone : Human
δ^{13}C relative to VPDB	-20.6 ‰
δ^{15}N relative to air	10.9 ‰
C/N ratio (Molar)	3.2
Radiocarbon Age BP	1384 ± 35

N.B. The above ^{14}C age is quoted in conventional years BP (before 1950 AD). The error, which is expressed at the one sigma level of confidence, includes components from the counting statistics on the sample, modern reference standard and blank and the random machine error.

The calibrated age ranges are determined from the University of Oxford Radiocarbon Accelerator Unit calibration program (OxCal4).

Samples with a SUERC coding are measured at the Scottish Universities Environmental Research Centre AMS Facility and should be quoted as such in any reports within the scientific literature. Any questions directed to the Radiocarbon Laboratory should also quote the GU coding given in parentheses after the SUERC code. The contact details for the laboratory are email g.cook@suerc.gla.ac.uk or telephone 01355 270136 direct line.

Conventional age and calibration age ranges calculated by :- E. Dunbar Date :- 03/04/2014

Checked and signed off by :- N. Rutt Date :- 03/04/2014

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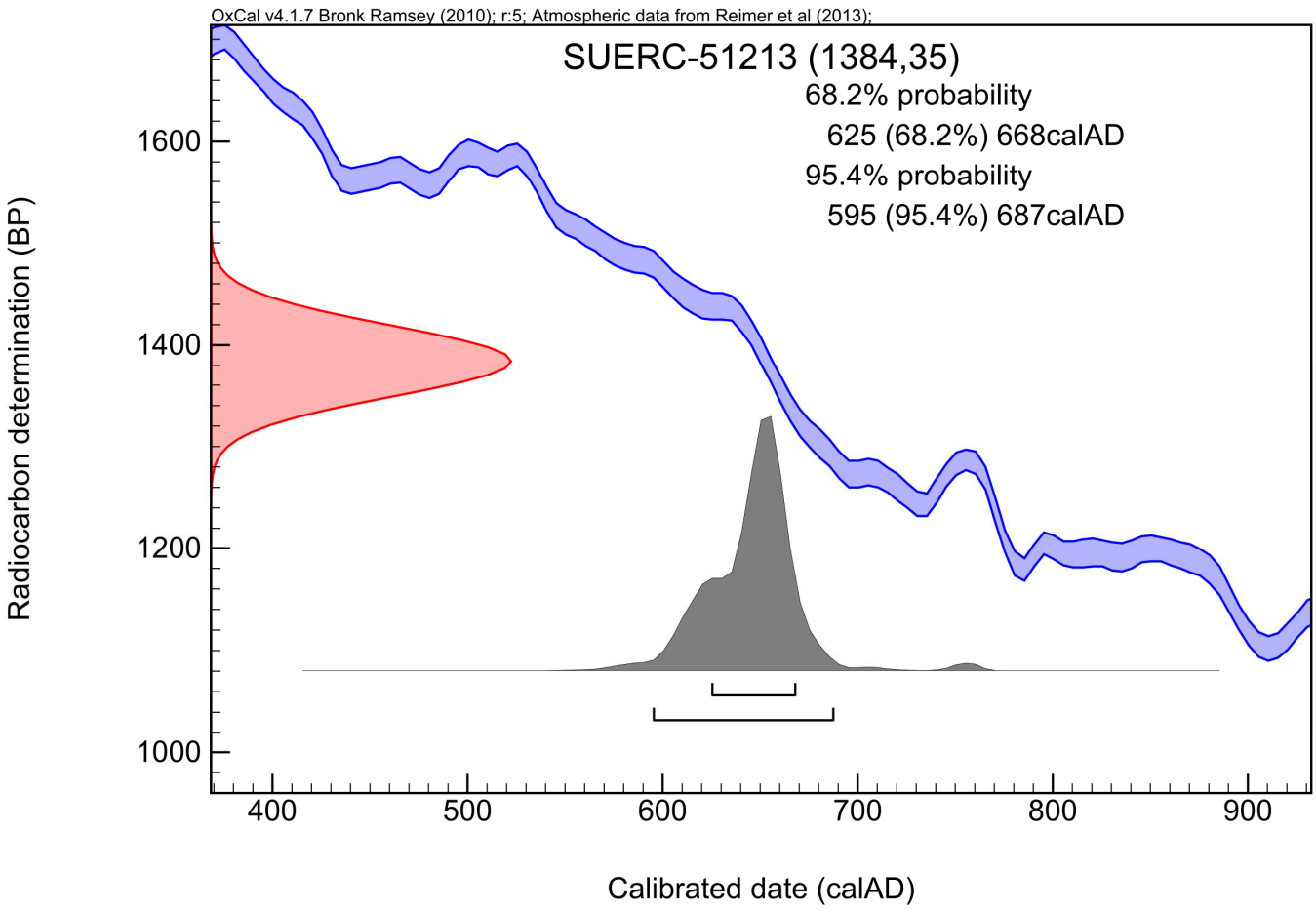
Calibration Plot



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RADIOCARBON DATING CERTIFICATE

03 April 2014

Laboratory Code	SUERC-51214 (GU32970)
Submitter	Richenda Goffin Suffolk County Council Archaeological Service 9-10 Churchyard, Shire Hall Bury St Edmunds IP33 2AR
Site Reference	Barber's Point Friston, site code FRS 001
Context Reference	6102
Sample Reference	6
Material	Bone : Human
δ^{13}C relative to VPDB	-20.2 ‰
δ^{15}N relative to air	10.8 ‰
C/N ratio (Molar)	3.2
Radiocarbon Age BP	1311 ± 35

N.B. The above ^{14}C age is quoted in conventional years BP (before 1950 AD). The error, which is expressed at the one sigma level of confidence, includes components from the counting statistics on the sample, modern reference standard and blank and the random machine error.

The calibrated age ranges are determined from the University of Oxford Radiocarbon Accelerator Unit calibration program (OxCal4).

Samples with a SUERC coding are measured at the Scottish Universities Environmental Research Centre AMS Facility and should be quoted as such in any reports within the scientific literature. Any questions directed to the Radiocarbon Laboratory should also quote the GU coding given in parentheses after the SUERC code. The contact details for the laboratory are email g.cook@suerc.gla.ac.uk or telephone 01355 270136 direct line.

Conventional age and calibration age ranges calculated by :- E. Dunbar Date :- 03/04/2014

Checked and signed off by :- N. Rutt Date :- 03/04/2014

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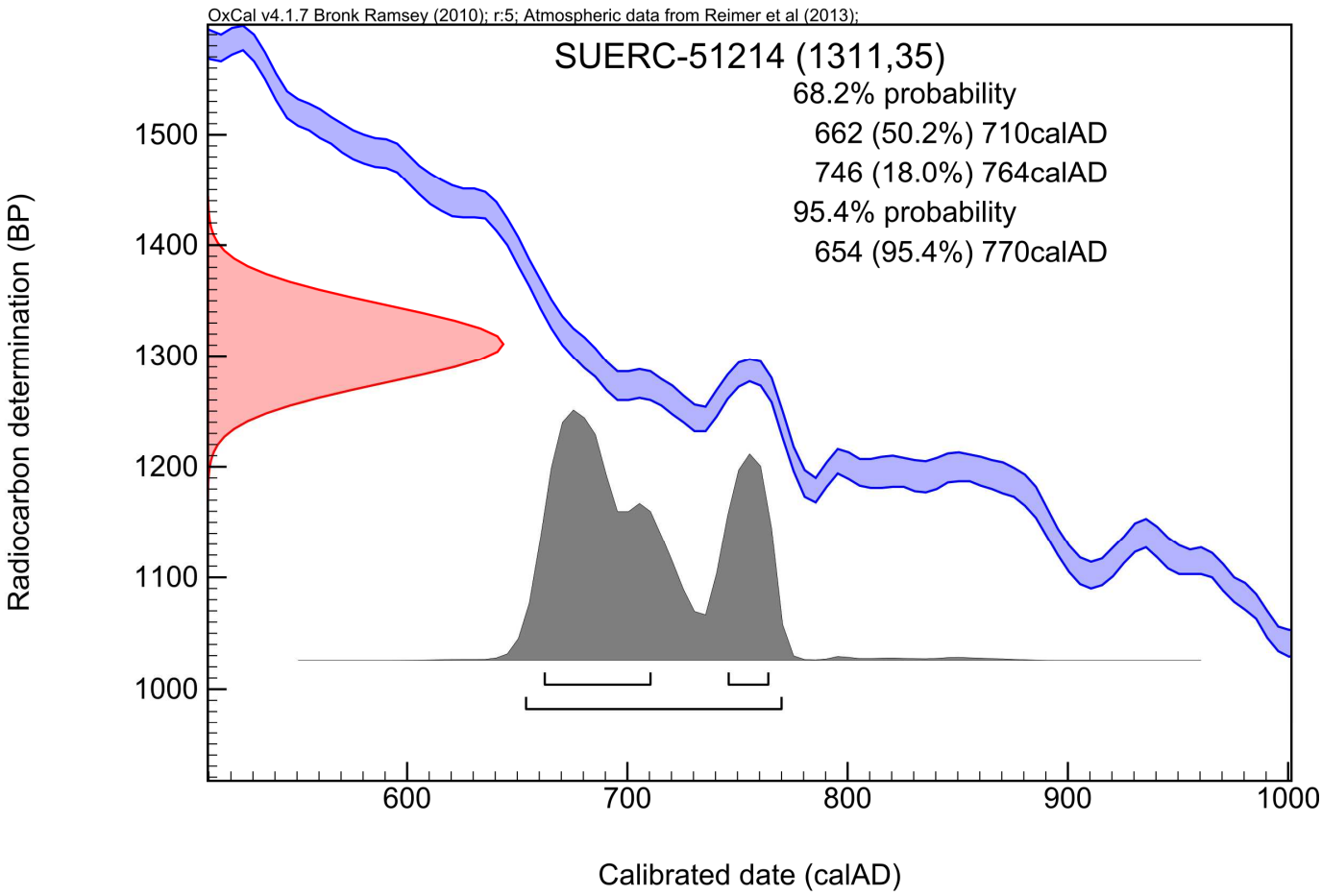
Calibration Plot



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RADIOCARBON DATING CERTIFICATE

03 April 2014

Laboratory Code	SUERC-51215 (GU32971)
Submitter	Richenda Goffin Suffolk County Council Archaeological Service 9-10 Churchyard, Shire Hall Bury St Edmunds IP33 2AR
Site Reference	Barber's Point Friston, site code FRS 001
Context Reference	6081
Sample Reference	7
Material	Bone : Human
δ^{13}C relative to VPDB	-20.0 ‰
δ^{15}N relative to air	10.8 ‰
C/N ratio (Molar)	3.3
Radiocarbon Age BP	1351 ± 35

N.B. The above ^{14}C age is quoted in conventional years BP (before 1950 AD). The error, which is expressed at the one sigma level of confidence, includes components from the counting statistics on the sample, modern reference standard and blank and the random machine error.

The calibrated age ranges are determined from the University of Oxford Radiocarbon Accelerator Unit calibration program (OxCal4).

Samples with a SUERC coding are measured at the Scottish Universities Environmental Research Centre AMS Facility and should be quoted as such in any reports within the scientific literature. Any questions directed to the Radiocarbon Laboratory should also quote the GU coding given in parentheses after the SUERC code. The contact details for the laboratory are email g.cook@suerc.gla.ac.uk or telephone 01355 270136 direct line.

Conventional age and calibration age ranges calculated by :- E. Dunbar Date :- 03/04/2014

Checked and signed off by :- N. Rutt Date :- 03/04/2014

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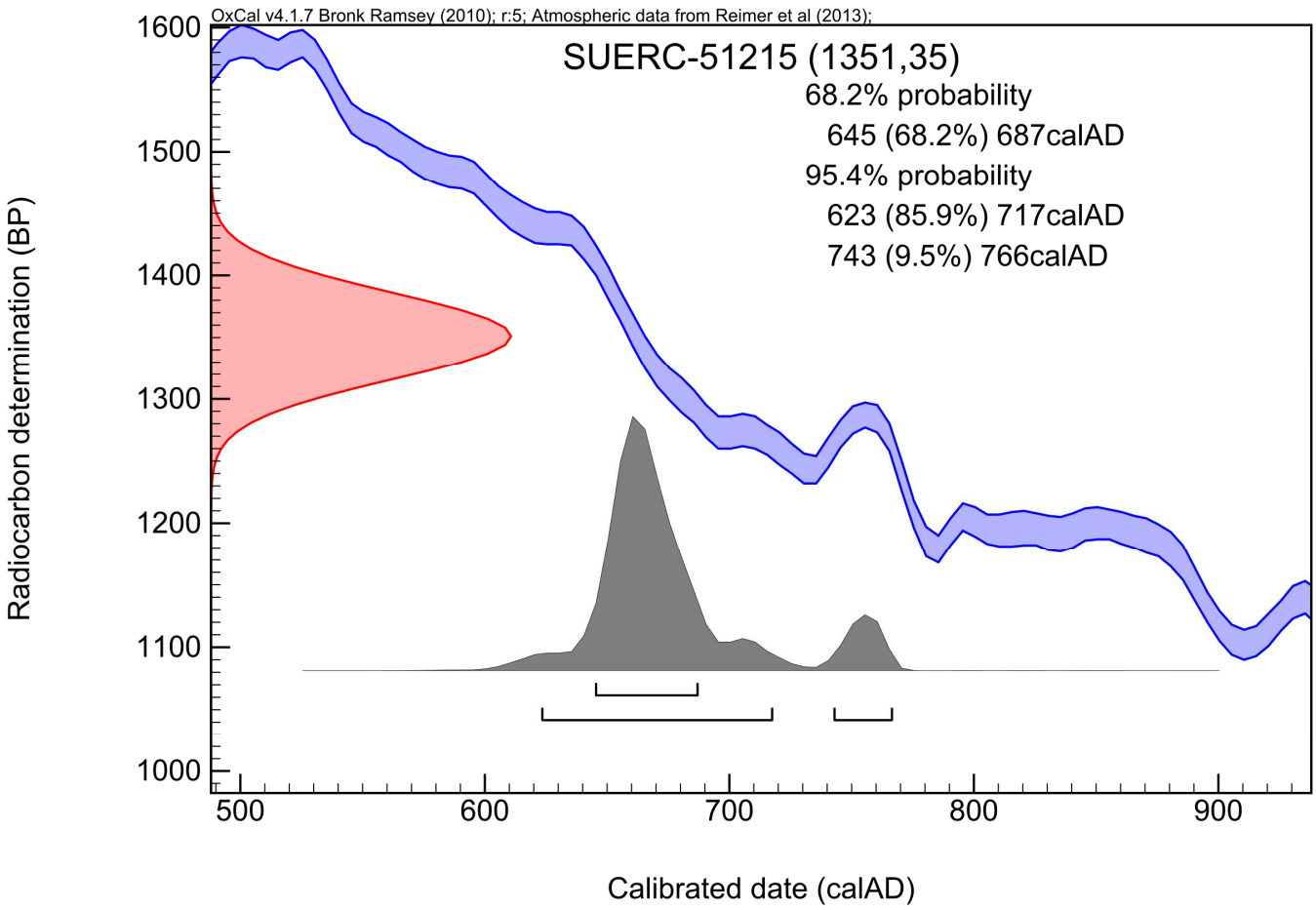
Calibration Plot



Appendix 3. Bulk finds

Context	Pot No	Pot Wt (g)	Ceramic Period	BQ No	BQ Wt (g)	F clay No	F clay Wt (g)	Slag No	Slag Wt (g)	W flint No	W flint Wt (g)	B flint No	B flint Wt	Stone No	Stone Wt (g)	Lavastone No	Lava stone Wt (g)	A bone No	A bone Wt (g)	Oyster No	Oyster Wt (g)	Other shell No	Other shell Wt (g)	HSR notes	Miscellaneous
6006						5	82							1	30										
6008	55	270	ROM	32	403													1	1	71	1537	11	25		
6010	113	849	ROM SAX	44	1643							1	184	1	8	1	8	10	49	365	10488	5	15		
6015	8	103	ROM	1	44													32	290	459	18666	29	77	1-2g Disarticulated	1 cbm @ 158g, Charcoal Q: 1 Wt: 1g
6018	23	242	ROM	12	492					1	2							2	1	1	2				
6019	5	52	ROM	1	100																	2	49		
6021	15	49	ROM	11	276													1	2	89	2078	8	8		
6022																				1	12				
6023	3	12	ROM	5	172															2	77				
6025	5	49		4	131	2	4													20	414				
6027	5	41	ROM	3	225	1	21													1	31				
6029	10	169	ROM?																						
6032	163	979	ROM SAX	24	893	6	25	1	24	3	61	3	18					4	32	10	115				1slag @ 24g
6033	18	67	ROM																						
6036	11	48	ROM	4	126															4	76	1	3		
6038	1	1		16	137																				
6041	136	1191	ROM SAX	35	1869	28	60	5	3	1	1					18	49	9	80	20	229				
6044	33	225		18	520			1	1									5	3	37	723				1 slag @ 2g
6070	27	338	ROM SAX	27	515	1	19											5	40	5	207				
6071	4	7	ROM	2	5													3	4			2	5		
6072	4	29	ROM	4	26																				
6073	1	4	ROM																						

Context	Pot No	Pot Wt (g)	Ceramic Period	BQ No	BQ Wt (g)	F clay No	F clay Wt (g)	Slag No	Slag Wt (g)	W flint No	W flint Wt (g)	B flint No	B flint Wt	Stone No	Stone Wt (g)	Lavastone No	Lava stone Wt (g)	A bone No	A bone Wt (g)	Oyster No	Oyster Wt (g)	Other shell No	Other shell Wt (g)	HSR notes	Miscellaneous
6075	48	199	ROM	43	870	17	18																		
6076	8	34	ROM	6	211													1	3	2	75	1	5		
6080	2	8	ROM	1	5																				
6086	1	18	ROM																						
6092	3	22	ROM																						
6094	3	13	ROM	1	28																				
6096	2	21																							
6098	3	9																							
6101	63	299	ROM SAX	23	547	16	51	1	2							11	53	1	3	93	1459				
6105										13	61														
6107				1	31																				
6110	5	18	ROM																	1	8				
6112														1	25										
6126	1	12																							
6137	27	169		15	534							1	40					3	11						
6141	9	76	ROM	6	270					1	3					1	66			1	44				
6142	14	86	ROM																						
6158	28	187	ROM	83	5543	1	1	1	964	1	12									2	53				Slag SHB 1 @ 962g
6159	9	186	ROM																						
6163												7	83												
6166	10	34	ROM SAX PRE			1	1					26	206					2	3						
6167	1	17	ROM			2	17													8	204				
6171	3	15	ROM	1	90	1	7			1	2														
6175	7	98		3	144	2	6																		
6500	75	544	ROM	22	476							3	81			12	26								
6501	58	375	ROM	56	1736					2	19	1	3							1	1	1	1		
6502	38	244	ROM	14	371	1	26					4	218							27	362	46	100		

Context	Pot No	Pot Wt (g)	Ceramic Period	BQ No	BQ Wt (g)	F clay No	F clay Wt (g)	Slag No	Slag Wt (g)	W flint No	W flint Wt (g)	B flint No	B flint Wt	Stone No	Stone Wt (g)	Lavastone No	Lava stone Wt (g)	A bone No	A bone Wt (g)	Oyster No	Oyster Wt (g)	Other shell No	Other shell Wt (g)	HSR notes	Miscellaneous
6503	43	223	ROM SAX	16	653					1	32							4	8	1330	3469	4	5		
6504	80	457	ROM	43	879					3	6									2	7	1	1		
6505	25	173	ROM	12	479					2	3									6	46	1	2		
6506	9	66	ROM							4	7	4	79							29	631	6	16		
6507	14	168	ROM SAX	4	27	4	65	1	292											2	4	16	21		1 slag @ 292g
6508	60	304	ROM SAX	14	232							1	45							1	1				
6510	1859	1047	ROM	74	2116			1	46							2	2	2	7	6	83	1	2		1 slag @ 46 (fuel ash slag?)
6511	94	655	ROM	88	2668	1	11			1	10									4	4				
6512	109	44	ROM SAX	72	788	3	44	1	11	2	18	2	45					3	7	6839	32	46			1 slag @ 11g
6513	58	402	ROM	47	1191													45	1328	4	86	1	71		
6514	2	9	ROM	2	117																				
6515	12	123	ROM SAX	9	273													2	6	20	420	2	2		
6516	25	132	ROM SAX	12	338	5	28							1	21			2	4						Stone=Fossil
6518	125	798		32	1023	2	11			1	5							1	4	2	50				
6519	341	1948	ROM	79	2223	2	24			1	7	4	53			4	6	13	56	4	133	1	2		
6520	98	574	ROM	67	1582	6	14					1	3					2	2	8	344				
6521	66	347	ROM																	15	270				
6522	5	58	ROM	3	40	1	15																		
6523	8	37	ROM	2	54					1	14							1	2	63	1612				
6524	2	7	ROM									1	2												
6526	299	1907	ROM	103	3266	5	9	3	81							4	27	29	94						3 slag @ 81g
6527	353	2161	ROM	125	2605	8	25	12	141	4	11	26	297	1	68			26	261	60	1887	1	1		12 slag @ 141g
6528	33	141	ROM	18	250							3	7												
6529	19	101	ROM	19	248					1	10									4	32				

Context	Pot No	Pot Wt (g)	Ceramic Period	BQ No	BQ Wt (g)	F clay No	F clay Wt (g)	Slag No	Slag Wt (g)	W flint No	W flint Wt (g)	B flint No	B flint Wt	Stone No	Stone Wt (g)	Lavastone No	Lava stone Wt (g)	A bone No	A bone Wt (g)	Oyster No	Oyster Wt (g)	Other shell No	Other shell Wt (g)	HSR notes	Miscellaneous
6534	101	730	ROM	72	1589	7	60																		
6535	235	1148	ROM	91	1880	11	158	3	13			1	4												
6536	171	949	ROM	112	2063	15	39											5	24	12	96				
6537	237	1342	PRE ROM SAX			14	39			6	18	1	12			1	56	20	35	77	1347	1	1		105 frags CBM @ 1300
6544	488	2836	ROM SAX	269	4090	39	121	6	25			8	89			2	23	2	3						3 slag @ 1654g
6545	444	2221	ROM	227	4167	27	95	4	31			2	12					2	8	5	8				4 slag @ 31g
6546	105	655	ROM	100	2319	8	23	2	41									1	12						One Sherd has residue on it, 2 slag @ 41g.
6547	99	478	ROM	27	437					4	8	1	8							8	14				
6553	542	2672	ROM	185	3147	33	63											3	15	6	42				
6554	308	1774	PRE ROM SAX	170	3498	6	17	3	12							43	455								3 slag @ 12g, 1 CBM @ 476g
6555	27	116	ROM	50	1200	7	25			1	8	3	20												
6001	100	625	ROM	30	886	7	14			1	1	1	36											Disartic	Iron Q: 1 Wt: 3g
6006 SS 100				10	7							3	5												
6008 SS 108	1	1	ROM			1	8					1	1												
6010 SS 118	20	151	ROM SAX			8	13													6	119	3	5	Q: 6 Wt: 5g Disartic	
6025 SS 101						2	4			5	6									15	29				

Context	Pot No	Pot Wt (g)	Ceramic Period	BQ No	BQ Wt (g)	F clay No	F clay Wt (g)	Slag No	Slag Wt (g)	W flint No	W flint Wt (g)	B flint No	B flint Wt	Stone No	Stone Wt (g)	Lavastone No	Lava stone Wt (g)	A bone No	A bone Wt (g)	Oyster No	Oyster Wt (g)	Other shell No	Other shell Wt (g)	HSR notes	Miscellaneous
6032 SS 113	5	29	ROM	10	4	2	1	1	1	2	1	6	5							8	3			Q: 14 Wt:2g Disartic	
6041 SS 105	2	4				1	4																		
6044 SS 107	2	11	ROM			22	42	3	12									1	1	15	376	1	1	Q: 10 Wt: 4g Disartic	
6044 SS 110	7	21	ROM SAX	4	98															3	26	1	3	Q: 5 Wt: 5g Disartic	Iron Q: 1 Wt: 3g
6070 SS 106	11	21	ROM	1	1	1	11											4	1	106	2042	1 1	19		
6079 SS 103	1	2	ROM	1	16							3	20												
6080 SS 120												2	6												
6084 SS 104	1	7	ROM			8	3													2	18			Q: 14 Wt: 2g Disartic	
6088 SS 111	1	1	ROM					1	2																
6102 SS 121	4	10	ROM			1	4													3	62				
6114 SS 119												1	1												
6137 SS 122	2	14	ROM			2	1																		

Appendix 4. Roman pottery catalogue

Ctxt	Period	Fabric	Form	No	Wgt/g	EVE	Abr	Comments	Pottery date
6008	Rom	GRF		1	8				Rom M1-2/3C
6008	Rom	GX	inc. jars 3.10 (2-4C), bowl base (2-4C), Beaker 3.13?(M1-2C)	51	240	15			M2-3/4C
6008	Rom	BSW	jar rim	1	5	10			Rom
6010	Rom	GMG	inc. bowls 6.18 (M2-3C), jar-lid seated 4.4 (Rom 1-2/3C),	11	168	59		narrow lip to bowl	M2-3C
6010	Rom	GMB		4	36				Rom
6010	Rom	GX	inc. jar 5.1 (M1-E2C), 4.6 (M2-4C), jar/beaker Cam 256 type (M1-2C), bowl with mortarim-like rim (2-3C?)	86	505	72		poss some GMG sherds	M2-3C
6010	Rom	BSW	inc. jars, one 3.10(?) (M2-3/4C)	16	151	22	*	poss some GMB sherds	M2-3C
6010	Rom	BB2	jar 3.10 (early) (E-M2/2C)	2	16	16		BB jar, poss Colch or BB1	E-M2/2C
6015	Rom	GX	inc. bowl 6.18 (M2-3C)	5	68	8			M2-3C
6015	Rom	BSW	lid (prob M1-2/3C)	1	4				Rom (M1-2/3C?)
6018	Rom	SAEG	dish with rolled over undercut rim, internal and external groove/off set	1	23	10			M/L2-M3C
6018	Rom	GX	inc. jar/bowl rims	12	103	35			Rom (2-45C?)
6018	Rom	GMB		1	1				Rom
6018	Rom	GMG		1	6				Rom
6018	Rom	GXM	bowl shape, flange/rim missimg, gritted internally	2	29	6			Rom
6018	Rom	BSW	inc. chamfered bowl base & a lid	5	73		*		M2-3C
6019	Rom	GX		2	7		*		Rom
6021	Rom	SAEG	prob Trier	1	1		*		M2-M3C
6021	Rom	BSW	bowl base (flat) poss B type	1	9				Rom (2-3C?)
6021	Rom	GMG	rim, jar/bowl	1	3	5	*		Rom
6021	Rom	GX		11	24				Rom
6025	Rom	GX		2	6				Rom
6025	Rom	GMG		2	6				Rom
6027	Rom	GX	inc. jar base	4	40				Rom
6029	Rom	BSW	inc. unusual upright jar/bowl rim, bowl rim (burnished) 6.10?	7	46	23		prob Early Rom	M1-2C
6029	Rom	GX		3	36				Rom
6029	Rom	GMG	rim from large jar/store jar (1/2-3C?)	1	86	19			Rom (1/2-3C?)
6032	Rom	GMG	inc. bowls 6.18 (M2-3C), jar 4.4 (Rom 1-2/3C)	8	87	28		narrow lip to bowl	M2-E3/3C

Ctxt	Period	Fabric	Form	No	Wgt/g	EVE	Abr	Comments	Pottery date
6032	Rom	BSW	inc. chamfered bowl base	20	151	12			M2-3/4C
6032	Rom	BSW	bowl 6.16 (triangular rim)	2	43	11		sandy BB2 fabric	E/M2-E3C
6032	Rom	RX		2	7		*		Rom
6032	Rom	GX	sherds from jar/bowls	3	12				Rom
6032	Rom	SACG		1	1				2C
6032	Rom	SAMV		1	1				E2C
6032	Rom	GMB	inc. rouletted Butt beaker (M1-2/3C)	11	62				M1-2/3C
6032	Rom	GX	inc. dish 6.21 (M1-L1/E2C), bowl 6.15, bowl 6.3? (E2C?) jar rim 4.6 (2-4C)	131	727	45			E2-3C
6033	Rom	GX	inc. bowl 6.18	11	39	3		narrow lip to bowl	M2-3/4C
6033	Rom	BSW		3	15				Rom
6033	Rom	GMB		4	10				Rom
6036	Rom	GX		10	36				Rom
6036	Rom	GMG		1	10				Rom
6038	Rom	GX		1	1				Rom
6041	Rom	GMG	inc. Bowl 6.18 (triangular rim) (M2-E3C)	3	20	11			M2-E3C
6041	Rom	BUF		2	23				Rom M1-2/3C
6041	Rom	GX	inc. bowl 6.18 (M2-3C), jar 4.1 (M1-E2C), jar 4.5 (m2-3/4C), BB jar (M2-3C) narrow nwcked jar 2.1 (Rom) & a large pedestal base	98	805	90		narrow lip to bowl	M2-3C
6041	Rom	GMG		3	9				Rom
6041	Rom	BSW		18	82				Rom
6041	Rom	GMG	SV joining sherds, bowl 5.4 (M/L2-3C)	9	297	30		several are certianly SV	M/L2-3C
6041	Rom	AA	prob D 20 oil amph.	1	34				M1-2/E3C
6041	Rom	SAEG	bowl form	1	4	3			M2-M3C
6041	Rom	BUF	bowl/jar rim	1	7	6			Rom
6044	Rom	AA	fragment , prob D 20 oil amphora	1	1				M1-2/3C
6044	Rom	GX	inc. misc jar rims 4.5 (M2-3/4C), flat bowl base of BB? Type	35	240	35			M2-3C
6044	Rom	BSW		6	14		(*)		Rom
6070	Rom	GMG	inc. jar 4.5(?)	3	11	6		Rom M2-3/4C(?)	Rom
6070	Rom	GX	inc. jar 5.1 (M1-E2C)	27	126	4			M1-2C(?)
6070	Rom	BSW	inc. bowl 6.18	3	25	7		narrow lip to bowl	M2-3C
6070	Rom	GMB		1	8		*		Rom
6070	Rom	AA	D 20	1	134		(*)		M1-2/E3C
6071	Rom	GX		3	5				Rom
6071	Rom	GMG		1	1				Rom
6072	Rom	GMG	jar/bowl rim	1	6	7			Rom
6072	Rom	GX		3	21		(*)		Rom

Ctxt	Period	Fabric	Form	No	Wgt/g	EVE	Abr	Comments	Pottery date
6073	Rom	BSW	BB type jar, lattice decorated	1	3				M2-3C
6075	Rom	GX	inc. jar rim	29	104	7			Rom
6075	Rom	SACG	Dr 18/31 or 31	1	5				E/M2-L2C
6075	Rom	BB2	bowl with wavy line dec. 6.19 (M2-3C)	1	6				M2-3C
6075	Rom	BSW	inc. jar 4.5 (M2-3/4C)	9	35	11			M2-3/4C
6075	Rom	GMG	inc. bowl 5.4 (M/L2-3C)	3	12		*		M/L2-3C
6075	Rom	GMB	inc. bowl with groove below rim 6.19 (M2-3C)	2	5	3			M2-3C
6075	Rom	GMG		5	28				Rom
6076	Rom	SACG	Dr 33 cup	1	8	10			E/M2-L2C
6076	Rom	GMG		1	4				Rom
6076	Rom	GX		5	21				Rom
6079	Rom	GX		1	1				Rom
6080	Rom	GX		3	12				Rom
6084	Rom	GX	bowl 5.4 (?) (M/L2-3C)	1	7				Rom
6086	Rom	GX		1	18				Rom
6092	Rom	GMG		1	6				Rom
6092	Rom	GX		1	7				Rom
6092	Rom	BUF		1	8		*	thick sherd	Rom (M1-2/3C)
6094	Rom	GMG		1	5				Rom
6094	Rom	GMB	bowl/jar rim sherd	1	4	2			Rom
6096	Rom	GMG	jar-lid seated 4.4 (Rom 1-2/3C)	1	13	12			Rom (M1-2/3C?)
6096	Rom	BSW		1	7				Rom
6098	Rom	GMB		1	2		(*)		Rom
6098	Rom	GX		1	3				Rom
6098	Rom	BSW	decorated shoulder band/cordon	1	2				Rom (M1-2C)
6101	Rom	GX	jar/bowl rim pieces	52	174	14			Rom
6101	Rom	COLC	roughcaste beaker	1	2				E/M2-M/L3C
6101	Rom	BUF	inc. orange buff fabric - poss from a flagon	2	7				M1-2/3C
6101	Rom	UCC	brownish fine fabric, abraded thins darck surface	1	2		*		Rom (2-3C?)
6101	Rom	GMB		3	8				Rom
6101	Rom	GMG	bowl/jar	5	102				Rom
6102	Rom	GX		4	10				Rom
6110	Rom	BUF		2	6		*		M1-2/3C
6110	Rom	GX	decorated band on shoulder (m1-2/3C?)	3	11				Rom (M1-2/3C?)
6126	Rom	GX	decorated band on shoulder (m1-2/3C?)	1	11				Rom (M1-2/3C?)
6137	Rom	GMG		1	4				Rom
6137	Rom	BSW		3	13				Rom
6137	Rom	GX	inc. jar/bowl rim pieces	22	152	22			Rom
6137	Rom	GMB		3	10				Rom

Ctxt	Period	Fabric	Form	No	Wgt/g	EVE	Abr	Comments	Pottery date
6141	Rom	GX	inc. profile- bowl 6.18 (M2-3C)	6	60	2		narrow lip	M2-3C
6141	Rom	GMG		1	10				Rom
6141	Rom	GMB		1	2				Rom
6141	Rom	BSW	BB type jar with lattice decoration	1	6				E/M2-3C
6142	Rom	GX		7	55		(*)		Rom
6142	Rom	GMG		4	24		*		Rom
6142	Rom	BSW	inc bowl 6.18, rounded rim(L2-3C) & jar/bowl rim	3	16	8			L2-3C
6158	Rom	GMB		6	32		(*)		Rom
6158	Rom	BSW		4	17		*		Rom
6158	Rom	GMG		2	12				Rom
6158	Rom	BUF	poss from a flagon	1	4		*		M1-2/3C
6158	Rom	GX	decorated band on shoulder (m1-2/3C?), jar/bowl rim pieces	15	120	16			Rom
6159	Rom	BSW	SV joining, whole base & lower part of body, BB type jar lattice dec. (E/M2-3C)	2	142				E/M2-3C
6159	Rom	GMB		3	18		(*)		Rom
6159	Rom	GX	inc. narrow necked jar 2.1 (Rom)	3	19	12			Rom
6159	Rom	GMG		1	6				Rom
6166	Rom	GX		3	3		*		Rom
6167	Rom	GX	jar rim	1	17	7			Rom
6171	Rom	GX		1	5				Rom
6171	Rom	GMG		2	9				Rom
6175	Rom	GMG	SV, joining sherds, prob bowl 5.4 (M/L2-3C)	6	90	20			Rom (M/L2-3C)

Appendix 5. Post-Roman pottery catalogue

Context	Fabric	No	Wt/g	MNV	Form	Notes	Date range
6001	SIPS	1	8	1		poss earlier	650-850
6010	SIPS	1	24	1		thick sherd, but all other stuff in this context is Rom, so could be LSV?	650-850
6015	SIPS	1	26	1	JR	ID not certain	650-850
6015	SIPS	1	8	1	JR	ID not certain	650-850
6019	ESMS	1	10	1			ESax
6019	ESFS	1	9	1			ESax
6019	ESFS	1	30	1			ESax
6025	SIPS	1	39	1		oxid	650-850
6041	ESFS	1	6	1		ID uncertain	ESax
6041	ESFS	1	10	1		ID uncertain, burnt?	ESax
6070	ESCQ	1	6	1		ID uncertain	ESax
6070	ESFS	1	26			ID uncertain, burnt?	ESax
6094	GIPS	1	6	1			650-850
6500	SIPS	1	36	1		oxid ext, ID uncertain	650-850
6500	ESFS	1	15	1	BL?	soft, could be earlier? HM	ESax
6502	SIPS	1	11	1	JR		650-850
6506	GIPS	1	35	1			650-850
6507	SIPS	1	44	1		oxid ext	650-850
6507	SIPS	1	14	1			650-850
6515	SIPS	1	28	1			650-850
6516	SIPS	1	5	1			650-850
6516	SIPS	1	16	1			650-850
6526	SIPS	1	12	1		oxid surfaces, soft, poss earlier	650-850
6534	SIPS	1	6	1			650-850
6544	MCW	1	23	1	BL		L.12th-14th c.
6544	MCW	1	6	1	JG?	poss Rom bowl?	L.12th-14th c.
6544	SIPS	2	119	1			650-850
6544	SIPS	1	14	1		soft	650-850
6553	SIPS	1	23	1		oxid surfaces, soft, poss earlier?	650-850
6554	SIPS	2	39	2		1 soft	650-850
6554	SIPS	1	36	1			650-850
6554	MCW	3	68		BL		L.12th-14th c.

Notes: Form: JR – jar; JG – jug; BL - bowl

Appendix 6. Struck flint catalogue

Context	Cat.	Type	Quantity	Non-str.
6001	retf	retouched flake	1	0
6018	flak	flake	1	0
6029	flak	flake	1	0
6029	unsk	non-struck fragment	0	1
6032	flak	flake	2	0
6032	scpf	end scraper	1	0
6041	flak	spall	1	0
6105	flak	blade-like flake	1	0
6105	flak	flake	8	0
6105	flak	spall	1	0
6105	unsk	non-struck fragment	0	0
6105	unsk	non-struck fragment	0	2
6141	flak	flake	1	0
6158	retf	retouched flake	1	0
6171	flak	flake	1	0
6501	flak	flake	2	0
6503	core	flaked piece	1	0
6504	flak	flake	1	0
6504	flak	spall	2	0
6505	flak	flake	1	0
6505	utbl	utilised blade	1	0
6506	pecr	piercer	1	0
6511	utfl	utilised flake	1	0
6512	flak	flake	1	0
6512	retf	retouched flake	1	0
6518	flak	flake	1	0
6519	flak	flake	1	0
6523	stfr	struck fragment	1	0
6527	flak	flake	2	0
6527	flak	spall	1	0
6527	unsk	non-struck fragment	0	1
6529	flak	flake	1	0
6537	flak	flake	3	0
6537	flak	spall	2	0
6537	unsk	non-struck fragment	0	1
6547	flak	flake	2	0
6547	flak	spall	2	0
6555	flak	flake	1	0

Appendix 7. Small finds catalogue (2013)

Small find no	Context	Period	Material	Object name	No. of frags	Weight (g)	Description	Context info
1600	6003	ROM	COPPER ALLOY	Dolphin	1			Dark layer under topsoil
1601	6003		IRON	Frag	1			Dark layer under topsoil
1602	6003		IRON	Ring	1			Dark layer under topsoil
1603	6003		IRON	Poss Tool	1			Dark layer under topsoil
1604	6003		LEAD?	Frag	1			Dark layer under topsoil
1605	6001		LEAD	Poss Fishing Weight	1			Unstratified
1606	6003		LEAD	Waste	1			Dark layer under topsoil
1607	6004	ROM	COPPER ALLOY	Coin	1		Dupondius of Domitian AD 81-96	Paler layer beyond ditch
1608	6527	ROM	GLASS	Vessel	1		Curved fragment of vessel glass, probably from a cup or bowl	Sieved square
1609	6511		IRON	Frag	1			Sieved square
1610	6520		IRON	Nail	1			Sieved square
1611	6512		IRON	Nail?	1			Sieved square
1612	6513		IRON	Frag	1			Sieved square
1613	6512	ROM	GLASS	Vessel	1		Naturally coloured body sherd, probably from a cup or bowl	Sieved square
1614	6519	ROM	GLASS	Vessel	1		Ribbed handle from amber-coloured jug	Sieved square
1615	6503	ROM	GLASS	Vessel	1		Small fragment of a body sherd, vessel type indeterminate	Sieved square
1616	6514		IRON	Nail?	1			Sieved square
1617	6514		IRON	Nail	1			Sieved square
1618	6514		IRON	Nail	1			Sieved square
1619	6527		IRON	Nail	5			Sieved square
1620	6519		IRON	Nail	1			Sieved square
1621	6502		COPPER ALLOY	Strip	1		Strip of copper alloy surviving in poor condition, largely reduced to dust	Sieved square
1622	6511		IRON	Nail	1			Sieved square
1623	6519		IRON	Nail	1			Sieved square

Small find no	Context	Period	Material	Object name	No. of frags	Weight (g)	Description	Context info
1624	6519		IRON	Frag	1			Sieved square
1625	6527		IRON	Frag	1			Sieved square
1626	6527		IRON	Nail	1			Sieved square
1627	6519		IRON	Frag	1			Sieved square
1628	6527		IRON	Nail?	1			Sieved square
1629	6529		IRON	Frag	1			Sieved square
1630	6529		IRON	Frag	1			Sieved square
1631	6010		IRON	Nail	1			Grave fill of 6009
1632	6526		IRON	Nail	1			Sieved square
1633	6526		IRON	Nail	1			Sieved square
1634	6526		IRON	Nail	1			Sieved square
1635	6526		IRON	Nail	1			Sieved square
1636	6537		IRON	Nail	1			Sieved square
1637	6505		IRON	Nail	1			Sieved square
1638	6526		IRON	Nail	1			Sieved square
1639	6526		IRON	Nail	1			Sieved square
1640	6010		IRON	Nail	1			Same as grave fill 5156:
1641	6010	ROM	GLASS	Frag	1		Small fragment from a vessel, lightly curved.	Same as grave fill 5156:
1642	6526		IRON	Nail	1			Sieved square
1643	6526		IRON	Nail	1			Sieved square
1644	6526		IRON	Nail	1			Sieved square
1645	6526		IRON	Nail	1			Sieved square
1646	6526		IRON	Nail	1			Sieved square
1647	6526		IRON	Nail	1			Sieved square
1648	6526		IRON	Object	1			Sieved square
1649	6526		IRON	Object	1			Sieved square
1650	6010		IRON	Nail	1			Same as grave fill 5156:
1651	6518		IRON	Nail	1			Sieved square
1652	6518		IRON	Nail	1			Sieved square
1653	6518		IRON	Nail	1			Sieved square
1654	6518		IRON	Nail	1			Sieved square
1655	6518		IRON	Nail	1			Sieved square

Small find no	Context	Period	Material	Object name	No. of frags	Weight (g)	Description	Context info
1656	6518		IRON	Frag	1			Sieved square
1657	6518		IRON	Nail	1			Sieved square
1658	6518		IRON	Nail	1			Sieved square
1659	6547		IRON	Nail	1			Sieved square
1660	6547		IRON	Nail	1			Sieved square
1661	6547		IRON	Nail	1			Sieved square
1662	6541		IRON	Nail	1			Sieved square
1663	6537		IRON	Nail	1			Sieved square
1664	6537		IRON	Nail	1			Sieved square
1665	6537		IRON	Nail	1			Sieved square
1666	6537		IRON	Nail	1			Sieved square
1667	6537		IRON	Nail	1			Sieved square
1668	6537		IRON	Nail	1			Sieved square
1669	6537		IRON	Nail	1			Sieved square
1670	6041	SAX	IRON	Nail	1		Short iron nail with a bulbous head of rectangular shape and a short, stubby shaft, also of rectangular section. Shaft tapers on two faces to a blunt terminal	Casket grave
1671	6041	SAX	IRON	Key	1		Slightly sinuous shaft of circular section, tapering slightly towards the terminal, where it narrows in section and curves back upon itself. Fractured at the other end	Casket grave
1672	6537		IRON	Nail	1			Sieved square
1673	6033		IRON	Nail	1			Unstrat finds from cleaning surface of grave 6030
1674	6032		IRON	Object	1			Gravefill of grave 6030
1675	6032		IRON	Object	1			Gravefill of grave 6031
1676	6537		IRON	Nail	1			Sieved square
1677	6537		IRON	Nail	1			Sieved square
1678	6041		IRON	Key	1	3	Fragment of the lower part of an iron key, including part of the central stem, leading to a lower bar of circular section and a key bit, set parallel to the main stem, flattened and widened at its end, with a pointed terminal	Casket grave. Part of 1758
1679	6044		IRON	Iron	1			Gravefill of 6043

Small find no	Context	Period	Material	Object name	No. of frags	Weight (g)	Description	Context info
1680	6522		IRON	Object	1			Sieved square
1681	6522		IRON	Nail	1			Sieved square
1682	6522		IRON	Nail	1			Sieved square
1683	6537		IRON	Nail	1			Sieved square
1684	6537		IRON	Nail	1			Sieved square
1685	6537		IRON	Nail	1			Sieved square
1686	6537		IRON	Nail	1			Sieved square
1687	6537		IRON	Object	1			Sieved square
1688	6537		IRON	Nail	1			Sieved square
1689	6537		IRON	Nail	1			Sieved square
1690	6537		IRON	Nail	1			Sieved square
1691	6044		IRON	Nail	1		Nail in Grave	Gravefill of 6043
1692	6044		IRON	Nail	1		Nail in Grave	Gravefill of 6043
1693	6041	SAX	IRON	Nail	1		Complete iron nail with a flat, oval head and a tapering straight shaft of square section	
1694	6041	SAX	IRON	Nail	1		Fragmentary shaft of an iron nail, square in section, tapering to a rounded point.	
1695	6545		IRON	Nail	1			Sieved square
1696	6041	SAX	IRON	Nail			Complete iron nail with a flat, D-shaped head and a straight shaft of square section, tapering to a rounded point.	Gravefill of 6039
1697							VOID	
1698	6536		IRON	Nail	1			Sieved square
1699	6044	ROM	COPPER ALLOY	Coin	1		Pierced radiate coin, c 260-296	Gravefill of 6043
1700	6536		IRON	Nail	1			Sieved square
1701	6536		IRON	Nail	1			Sieved square
1702	6536		IRON	Object	1			Sieved square
1703	6001		IRON	Nail	1			Unstrat Trench 6
1704	6041	SAX	IRON	Nail	1		Fragment of the lower part of an iron nail, square in section and leading to a rounded terminal.	Casket grave
1705	6041	SAX	IRON	Nail	1		Fragmentary iron nail, for which only the straight shaft survives, square in section and tapering to a rounded point	Casket grave

Small find no	Context	Period	Material	Object name	No. of frags	Weight (g)	Description	Context info
1706	6041	SAX	IRON	Nail	1		Fragmentary shaft from an iron nail, square in section, lightly curved in profile, tapering to a rounded terminal	Casket grave
1707	6041	SAX	IRON	Rectangular Strip	1		Rectangular strip of iron, original dimensions probably 16x47x4, with no sign of any obvious nail holes.	Casket grave
1708	6545		IRON	Nail	1			Sieved square
1709	6501	ROM	GLASS	Vessel			Naturally-coloured body fragment from a square-sectioned bottle, 1st-2nd C.	Sieved square
1710	6029	ROM	GLASS	Vessel			Curved body sherd, vessel type indeterminate, amber coloured	Ditch fill
1711	6545		IRON	Nail	1			Sieved square
1712	6545		IRON	Nail	1			Sieved square
1713	6545		IRON	Nail	1			Sieved square
1714	6545		IRON	Nail	1			Sieved square
1715	6545		IRON	Nail	1			Sieved square
1716	6545		IRON	Nail	1			Sieved square
1717	6510		IRON	Nail	1			Sieved square
1718	6545		IRON	Nail	1			Sieved square
1719	6545		IRON	Nail	1			Sieved square
1720	6545		IRON	Nail	1			Sieved square
1721	6536		IRON	Nail	1			Sieved square
1722	6536		IRON	Nail	1			Sieved square
1723	6536		IRON	Nail	1			Sieved square
1724	6536		IRON	Nail	1			Sieved square
1725	6536		IRON	Nail	1			Sieved square
1726	6536		IRON	Nail	1			Sieved square
1727	6536		IRON	Nail	1			Sieved square
1728	6536		IRON	Nail	1			Sieved square
1729	6010		IRON	Nail	1			Same as gravefill 5156
1730	6010		IRON	Nail	1			Same as gravefill 5156
1731	6027		IRON	Nail	1			Posthole fill
1732	6510		IRON	Nail	1			Sieved square
1733	6032		JET?	Frag	1			Gravefill of 6030
1734	6509		IRON	Nail	1			Sieved square

Small find no	Context	Period	Material	Object name	No. of frags	Weight (g)	Description	Context info
1735	6041	SAX	IRON	Nail	2		Complete iron nail, now in two pieces, with a flat head of rectangular shape and a sinuous shaft of square section tapering to a rounded terminal.	Casket grave
1736	6041	SAX	IRON	Split Loop	1		Iron split loop, probably complete, with an open oval loop and two stems of circular section, with wood remains on both and textile remains at the apex of the loop itself	Casket grave
1737	6509		IRON	Nail	1			Sieved square
1738	6545		IRON	Nail	1			Sieved square
1739	6545		IRON	Nail	1			Sieved square
1740	6545		IRON	Nail	1			Sieved square
1741	6509		IRON	Nail	1			Sieved square
1742	6545		IRON	Nail	1			Sieved square
1743	6041	SAX	IRON	Rectangular Strip	2	11	Fragmentary iron rectangular strip, essentially a rectangular strip, tapering at one end to a rounded triangular terminal, and pierced by two iron nails, both of which have fractured, leaving short stubs. Wood remains on the inner surface	Casket grave
1744a	6041	SAX	IRON	Nail	4	7	Small iron nail with a short stubby shaft and a fragmentary head; with accreted wood on the shaft	Casket grave
1744b	6041	SAX	IRON	Nail	4		Small iron nail including a discoidal head and a short stubby shaft, accreted wood on the shaft	Casket grave
1744c	6041	SAX	IRON	Split Loop	4		Incomplete iron split loop, with accreted wood on one side, and with a fragmentary iron ring passing through it, possibly part of another split loop. The ends of the loop appear to lip up slightly.	Casket grave
1745	6545		IRON	Nail				Sieved square
1746							VOID	
1747	6545		IRON	Nail				Sieved square
1748	6500		IRON	Nail				Sieved square

Small find no	Context	Period	Material	Object name	No. of frags	Weight (g)	Description	Context info
1749	6041	SAX	IRON	Clamp	1	2	Near complete clamp, formed from a tapering strip of iron, folded to a U-shape. Wider arm appears to have fractured, whilst the narrow arm is complete.	Casket grave
1750	6544		COPPER ALLOY?	Ring	1			Sieved square
1751	6041	SAX	IRON	Clamp	1	1	Incomplete iron clamp, U-shaped with a flat, rectangular apex and a tapering arm. Accreted wood remains on the lower surface.	Casket grave
1752	6041	SAX	IRON	Wire Ring	1	2	Fragment of curved iron wire, circular in section. Joins with 1753	Casket grave
1753	6041	SAX	IRON	Wire Ring	1	7	Incomplete iron wire ring, now in three pieces, formed of a single strand, with the ends twisted together. Joins with 1752	Casket grave
1754	6041	SAX	IRON	Wire Ring	1	8	Fragment of an iron wire ring of circular section, formed from a single strand, lightly curved and fractured at either end.	Casket grave
1755	6041	SAX	IRON	Clamp	1	1	Fragment of one arm of a small iron clamp, tapering towards one end with the terminal folded over.	Casket grave
1756	6041	SAX	IRON	Wire Ring	2	1	Fragment of a curved iron wire ring of circular section, fractured at either end. Small piece of folded iron sheet present at one end. Part of 1757	Casket grave
1757	6041	SAX	IRON	Wire Ring	1	3	Fragment of a curved iron wire ring of circular section with a blue glass bead and an amber bead strung on to it. Part of 1756	Casket grave
1758	6041	SAX	IRON	Key	1	20	Part of an iron key, consisting of a bar of rectangular section, tapering slightly at one end to form an oval loop, which retains a segment of iron wire of circular section. Two further fragments of iron wire are accreted to the opposite end of the bar. Sf 1678 forms the lower part of this key.	Casket grave

Small find no	Context	Period	Material	Object name	No. of frags	Weight (g)	Description	Context info
1759							VOID	
1760	6041	IRON AGE	COPPER ALLOY	Terret Ring	1		Complete cast copper alloy terret ring of D-shaped form with an indented area along the base, tapering in width as it curves towards the apex. Rectangular in section. Fused with iron objects 1758 and 1798	
1761	6041	ROM	GLASS	Vessel	1	2	Fragment of a naturally coloured, pale green vessel, with two lightly raised horizontal mouldings just below the solid, folded rim.	Casket grave
1762							VOID	
1763	6041	SAX	IRON	Nail	1	2	Fragmentary iron nail with a shaft of square section, the lower part bent over and now perpendicular	Casket grave
1764	6545		IRON	Nail Frag	1			Sieved square
1765	6534		IRON	Nail	1			Sieved square
1766	6537		COPPER ALLOY	Coin? Frag	1			Sieved square
1767	6041	SAX	IRON	Clamp	1		Small fragment of one element of an iron clamp, including a short, tapering arm and part of the central section, with transverse wood grain on the lower surface and a small length of iron wire, of circular section, accreted to one side.	Casket grave
1768	6534		LEAD	Stud?	1			Sieved square
1769	6041	SAX	IRON	Nail	1		Small nail, possibly complete, with a shaft of circular section, completely encased in wood. Head of nail folded over, small piece of iron wire of circular section also present.	Casket grave
1770	6041		IRON	Rectangular Strip	2	13	Rectangular strip of iron, with a nail set at the centre, the shaft extending 9.9mm before bending over. Nail extends a further 20.9mm beyond the perpendicular bend. Traces of a possible second nail towards the curved end of the strip. Fractured into two pieces.	Casket grave
1771	6041		IRON	Rectangular Strip	1	4	Fragment of an iron rectangular strip with a curved terminal, fractured across the other end, around its midpoint. The stubs of two	Casket grave

Small find no	Context	Period	Material	Object name	No. of frags	Weight (g)	Description	Context info
							nails protrude from the lower surface, which includes accreted wood remains.	
1772	6041	SAX	IRON	Rectangular Strip	1	8	Sub-rectangular strip, shaped like a strap-end with an amphora-like terminal that includes a short, blunt nail of circular section. Transverse wood on the lower surface at the opposite end, textile remains across the upper surface	Casket grave
1773	6041	SAX	STONE	Spindle whorl	1	10	Complete stone spindle whorl, cut from a buff to yellow coloured siltstone, the upper surface lightly curved, the lower part rounded throughout, with a conical central perforation.	Casket grave
1774	6544		IRON	Nail	1			Sieved square
1775	6544		IRON	Nail	1			Sieved square
1776	6544		IRON	Nail	1			Sieved square
1777	6544		IRON	Nail	1			Sieved square
1778	6544		IRON	Nail	1			Sieved square
1779	6544		IRON	Nail	1			Sieved square
1780	5500		IRON	Nail	1			Sieved square
1781	6535		IRON	Nail	1			Sieved square
1782	6535		IRON	Nail	1			Sieved square
1783	6535		IRON	Nail	1			Sieved square
1784	6535		IRON	Nail	1			Sieved square
1785	6535		IRON	Nail	1			Sieved square
1786	6535		IRON	Nail	1			Sieved square
1787	6535		IRON	Nail	1			Sieved square
1788	6535		IRON	Nail	1			Sieved square
1789	6535		IRON	Nail	1			Sieved square
1790	6535		IRON	Nail	1			Sieved square
1791	6535		IRON	Nail	1			Sieved square
1792	6535		IRON	Nail	1			Sieved square
1793	6535		IRON	Nail	1			Sieved square
1794	6544		IRON	Nail	1			Sieved square

Small find no	Context	Period	Material	Object name	No. of frags	Weight (g)	Description	Context info
1795	6044		IRON	Nail	1			Gravefill of 6043
1796	6041	SAX	IRON	Wire Ring	1	20	Complete iron wire ring, formed of a single strand of wire of circular section, its ends twisted together, forming a ring of oval shape, 20.7 x 27.8mm in internal diameter.	Casket grave
1797	6065		IRON	Nail	1			Reduction in D2 to the E of grave 6039; cleaning for clarity over pit 6156
1798	6041	SAX	IRON	Clamp	1	1	Complete iron clamp of U-shape, made from a strip of iron of even width and thickness, both arms tapering to lightly rounded ends. Longitudinal wood remains on the inner surface of the central bar, on both sides of one arm and the inner side of the other arm. Arms splayed slightly outwards.	Casket grave
1799	6553		IRON	Nail	1			Sieved square
1800	6533		IRON	Nail	1			Sieved square
1801	6533		IRON	Nail	1			Sieved square
1802	6536		IRON	Nail	1			Sieved square
1803	6041	SAX	STONE	Fossil	1	26	Fossil echinoid, oval in shape and discoidal in section with rounded edges and a natural, perforated area at the centre	Casket grave
1804	6041	SAX	IRON	Rod	1	3	Length of iron rod, covered in yarn, which has been wound around it. Rod has fractured at either end, where there are traces of wood. Possibly the middle part of an iron needle.	Casket grave
1805	6041		CERAMIC	Vessel	1	14	1 frag ?SIPS	Casket grave
1806	6041	SAX	IRON	Wire Ring	1	2	Fragment of an iron ring of circular section, fractured at both ends, produced from a single length of iron wire. Part of 1754, 1756 and 1757	Casket grave
1807	6041	SAX	IRON	Wire Ring	2	2	Accreted remains of three interlocking **iron annular rings**, all of rectangular section, one complete, one incomplete, and the third merely a small fragment with further remains accreted to the iron key stem (Sf 1758) found nearby	Casket grave
1808	6041	SAX	AMBER	Frag	1	1	Irregularly shaped fragment of amber, almost pear drop shaped, with some rounding to one edge, tapering on two sides to a rounded apex.	Casket grave

Small find no	Context	Period	Material	Object name	No. of frags	Weight (g)	Description	Context info
1809	6041	SAX	SHELL	Cowrie	1	43	Near complete cowrie shell (cypraea patherina), damaged across the upper, rounded surface, with some iron staining on one side.	Casket grave
1810	6041	SAX	IRON	Nail	1		Iron shaft of square section curving downwards at either end in a shallow D-shaped form, with part of an ?iron ring or strip of rectangular section set transversely across it at one end.	Casket grave
1811	6041	SAX	IRON	Split Loop	1		Complete iron split loop, with a looped head of circular section, the lower part entirely encased in wood. Part of an iron ring, probably from a second split loop, survives within the looped part.	Casket grave
1812	6070	ROM	GLASS	Frag	1		Small fragment, naturally-coloured blue/green vessel glass	Ditchfill
1813	6553		LEAD	Frag	1			Sieved square
1814	6553		COPPER ALLOY	Frag	1			Sieved square
1815	6553		IRON	Nail	1			Sieved square
1816	6553		IRON	Nail	1			Sieved square
1817	6553		IRON	Nail	1			Sieved square
1818	6101		IRON	Nail	1			Grave fill of 6100
1819	6101		IRON	Nail	1			Grave fill of 6100
1820	6101		IRON	Nail	1			Grave fill of 6100
1821	6101		IRON	Nail	1			Grave fill of 6100
1822	6101		IRON	Nail	1			Grave fill of 6100
1823	6101		IRON	Nail	1			Grave fill of 6100
1824	6101		IRON	Nail	1			Grave fill of 6100
1825	6101		IRON	Nail	1			Grave fill of 6100
1826	6101		IRON	Nail	1			Grave fill of 6100
1827	6101		IRON	Nail	1			Grave fill of 6100
1828	6101		IRON	Nail	1			Grave fill of 6100
1829	6101		IRON	Nail	1			Grave fill of 6100
1830	6101		IRON	Nail	1			Grave fill of 6100
1831	6101		IRON	Nail	1			Grave fill of 6100
1832	6101		IRON	Nail	1			Grave fill of 6100

Small find no	Context	Period	Material	Object name	No. of frags	Weight (g)	Description	Context info
1833	6832	ROM	GLASS	Frag	1		Small fragment, naturally coloured vessel glass. In Grave Fill	From gravefill 6832
1834							VOID	
1835	6083	SAX	IRON	Clamp	2		Incomplete iron clamp with one arm missing. Rectangular in section throughout with noticeably long arms, complete example ending in a rounded terminal. Longitudinal wood traces on inner surface of central bar and on inner surface of arm. Textile remains on the outer surface of the arm.	Group no given to finds from casket area
1836a	6083	SAX	IRON	Clamp	2		Fragmentary iron clamp, rectangular in section with one tapering arm surviving. Longitudinal wood grain traces on the inner surface of the central bar.	Group no given to finds from casket area
1836b	6083	SAX	IRON	Clamp	2		Fragment of an iron clamp, rectangular in section with one fractured arm surviving. Wood grain on both sides of the arm and the inner surface of the central bar.?	Group no given to finds from casket area
1836c	6083	SAX	IRON	Mount			An enigmatic iron mount consisting of a strip, rectangular in section, widening to a rounded terminal at one end and secured by a single iron nail, with a thick loop of oval form at the opposite end. An iron ring passes through this loop, with a circular frame below.	Group no given to finds from casket area
1837	6554		COPPER ALLOY	Brooch Frag	1			Sieved square
1838	6101		IRON	Object	1		Lightly curved, heavy iron bar of square section	Grave fill of 6100
1839	6544		IRON	Nail	1			
1840	6101		IRON	Nail	1			Grave fill of 6100
1841	6544		IRON	Nail	1			Sieved square
1842	6544		IRON	Nail	1			Sieved square
1843							VOID	Grave fill of 6100
1844	6101		IRON	Nail	1			Grave fill of 6100
1845	6101		IRON	Nail	1			Grave fill of 6100
1846	6101		BONE	Frag	1			Grave fill of 6100
1847	6101		BONE	Frag	1		Small fragment of hollow bone, looks to be human	Grave fill of 6100
1848	6101		POTTERY	POTTERY	1			Grave fill of 6100
1849	6101		IRON	Nail	1			Grave fill of 6100
1850	6526		IRON	Nail?	1			Sieved square

Small find no	Context	Period	Material	Object name	No. of frags	Weight (g)	Description	Context info
1851	–		IRON	Object	1			
1852	6546		IRON	Frags	1			Sieved square
1853	6545		IRON	-	1			Sieved square
1854	6534		IRON	Nail	3			Sieved square
1855	6545		IRON	Frag	1			Sieved square
1856	6501		IRON	Nail	1			Sieved square
1857	6510		IRON	Frag	1			Sieved square
1858	6519		IRON	Nail	2			Sieved square
1859	6001		IRON	Nail	1			Unstratified
1860	6536		STONE	Carnelian	1			Sieved square
1861	6083	ROM	GLASS	Vessel	1		Fragment of the base of a naturally coloured turquoise glass bottle. Grave 6037	Group no given to finds from casket area
1862	6545		IRON	Nail	1			Sieved square
1863a	6083		IRON	Staples	5		5 frags plus some v small frags. Mineralised wood remains on underside and ?shiny casings of pupae. Two angled frags of U-shaped staples and smaller bits. Probably related to casket	Group no given to finds from casket area
1863b	6083	SAX	IRON	Clamp	1		Incomplete clamp of U-shaped form with one arm tapering from the central bar and clenched inwards at its terminal. Traces of wood on the inner surface of the central bar.	Group no given to finds from casket area
1863c	6083	SAX	IRON	Clamp	1		L-shaped fragment of an iron clamp, including part of the central bar, of rectangular section, and one of the arms, tapering in form.	Group no given to finds from casket area
1863d	6083	SAX	IRON	Clamp	1		Small iron strip, entirely encased in wood remains, probably an arm from a clamp	Group no given to finds from casket area
1864	6070		COPPER ALLOY	Wire	1			Ditchfill
1865	6031		IRON	Nail	1			Gravefill of Burial 6030

Small find no	Context	Period	Material	Object name	No. of frags	Weight (g)	Description	Context info
1866	6027	ROM	GLASS	Frag	1		Sherd of pale green naturally coloured, base of a vessel, probably an early Roman bottle.	Posthole fill
1867	6044		IRON	Nail	1			Gravefill of burial 6043, casket burial

Appendix 8. Textile report from objects in Grave 6039

Dr. Sue Harrington

Contents

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Catalogue of textile fragments

Discussion

- Cloth types present
- Function in association with the host object
- Within wider, contemporary context

Conclusions

Bibliography

Appendix 8.1 Catalogue notation

Appendix 8.2 Digital images of textile fragments

Methods statement

All of the metalwork finds from this excavation were examined pre- and post-conservation, initially by 15x magnification hand lens in natural light. The fragments were recorded using the notation defined by Walton and Eastwood (1988). A photographic record was made for further reference, using a Digiscope AM-413T at 35-50x magnification and a Pentax Lumix DMC-F27, on a tripod for optimum lighting. Selected images, enhanced using Adobe Photoshop, form part of the submitted archive (Appendix 2).

Catalogue

Although metals preservation on this site can be classed as poor, a total of six small finds retained fragments of textile, all of which were partially or fully mineral preserved (mp). The small amount of extant fibre was not in a condition suitable for fibre analysis.

Grave 6083

SF1678 Fe object

TF1: one face; 5 x 8.5mm; mp; impression of broad, flat woven structure, possibly the reverse face of a medium weight cloth, but no recordable features *(image)*

SF1736 Nail

TF1: On head of nail; 14 x 8.5mm; 14(7 on 5mm)/18(8 on 4.5mm); s/z; mp; plain weave; closely woven, regular, double layer of the same cloth, variations in thread diameters, with SI s spun threads wider than the z spun threads in SII. The cloth appears to be aligned across the widest part of the nail *(image)*

SF1772 Fe strap

TF1: Detached fragment; 6.5 x 7mm; 16(11 on 6mm)/18(9 on 5mm); z/z; mp; plain weave; close, even weave, single layer *(image)*

TF2 Over outer face, best areas 30 x 11mm and 13 x 8.5mm; 18(9 on 5mm)/16(8 on 5mm); s/z; mp; plain weave; 3 layers at .3mm thickness each, close, even weave, layers aligned over one another, slight wear to surface fibres, fine folds or pleats across surface may indicate clothing as source *(image)*

SF1804 Nail shank or Fe rod

TF1: Around shank; area 8 x 10mm; thread diameter .7mm; mp; single thread wound tightly around shank, no spin or ply determinable *(image x 2)*

SF1807 Fe buckle

TF1: Inner edge of buckle loop; 2 x 3mm; mp and extant; fibres in probable weave structure but no recordable features; appears as fine weave/count *(image)*

SF1835 Bent bar (box mount)

TF1: Outer face of long side; area 22 x 8mm; 20(6 on 3mm)/28(9 on 3.5mm); s/z; mp; plain weave; close, even weave, 2 layers of the same cloth overlying one another *(image)*

Assemblage overview

Given the co-location, all artefacts recorded as hosting textile fragments are fitments from the wooden casket (with the possible exception of SF1804, discussed below). All fragments are assessed as adhering to the external faces of these objects. The relative positions of the host objects is uncertain and thus too the relationships between the textile fragments

SF1804

Analysis of the function of this wound-around thread is dependent on the identification of the host artefact. If SF1804 is actually an awl, then this thread location is comparable to that from Harford Farm grave 18 SF123, where a plied thread was around the shank just below the wooden handle (Penn 2000, 18). The function there was probably to extend the grip area of the tool, to accommodate the thumb and forefinger and give greater precision in use.

Discussion

Cloth types present

There are potentially four different cloths present, all plain weaves but with slight variations in thread widths, spin directions and fineness. 1772 TF2 and 1736 TF1 are visually and morphologically the same cloth.

Function in association with the host object

The deployment of the cloths across the casket remains is uncertain. However, if the casket were wrapped in a single cloth this should appear on all external fittings. As this is not the case, other explanations of the purposes of the cloths must be sought. They may well be the residues of the clothing of the deceased, but this seems unlikely due to both the position of the casket and the multiple layers. The preferred explanation is the proposition that fine and valued cloths, be they spare clothing or soft furnishing fabrics, were piled around and on top of the box, thus hiding it from view.

Wider context

The survival of cloth in contact with the exterior of box or casket fitments is well evidenced in both Anglia and Kent, although this is a cultural trait not restricted to the seventh century. Within the Anglian region, there are several other broadly contemporary examples. Harford Farm grave 7 had traces of textiles on iron fitments from the centre of body, a fine z/s twill and a z/z plain weave with an estimated count of 18/15. Also present were z threads around the barrel lock, fastening the cloth to it. Harford Farm grave 27 had a medium weight plain weave z/z 10-11/10 in fine folds around a metal rod at the foot of the grave on the feet of the deceased or adjacent to it (Crowfoot 2000). In Carlton Colville grave 15 the box was placed at the feet inside the coffin. Here was a possible flax or hemp plain weave, 16/14 z/z, interpreted as the remains of a folded, pleated veil inside the casket (Walton Rogers 2009, 413, Table 7.2). Mineral preserved textile is also noted in relation to the copper alloy casket handle. The adult female in Barrington Edix Hill grave 109B, dated to AD 575-650 (Hines 1998, 283), had iron box fittings at her left shoulder, together with a ceramic pot. The descriptive catalogue is unclear due to the fragmentary nature of the remains, but seems to indicate z threads tying around both the pot and the box handle and the presence of finely woven z/z plain weave and z/s twill (Crowfoot 1998, 87).

Further afield, selected examples include at Cow Lowe, Derbyshire, where T. Bateman uncovered a secondary barrow burial with an ash box wrapped in a woollen cloth (1848, 91-95, *Vestiges of the antiquities of Derbyshire* noted by Speke 1989, 30). The box in Mucking II grave 621 had a coarse plain weave on a wrought iron handle (SF 621/1d) 8/4 count, z or

z ply, warp face (Crowfoot 2009, 97) datable to the late sixth to seventh centuries. The location of the box at the end of the grave above the head suggests the cloth was wrapping the box and was not a vestige of clothing. Similarly, a wooden box was located above the head in Dover Buckland grave 124, dated to the end of the seventh century, with textile in folds over an area of 28 x 10mm, lying on top of leather, but in this case a much finer plain weave cloth z/z, with a count probably over 24/20. Although earlier on the same site (575-625), grave 29 had a box at the left hip so it is not clear whether this is from clothing or wrapping. The textile present is 20/12, z/z plain weave, with fine warp threads. The box fittings in Dover Buckland grave 353 were adjacent to the left foot, but in this case were a coarser, flax/hemp, plain weave z/z 12/12 (Walton Rogers 2012, 226). The casket with the high status female at Swallowcliffe Down (Crowfoot 1989) showed no clear indication of textile wrapping, although it was possibly covered in leather which would have inhibited textile survival.

Conclusions

Thus the FRS 001 cloths fit well with what has survived in similar contexts. Elizabeth Crowfoot (2000, 89) noted that in the seventh century there was a higher proportion of plain weaves present in the textile profiles of East Anglian cemeteries, in contrast to the amount of twill commonly found in sixth century burials, and these are the preferred cloths here. The FRS 001 box associated cloths all seem to be relatively fine (in terms of thread counts) although not particularly complex in their making. It can be suggested that, in general, sixth and seventh century Anglo-Saxon boxes were wrapped in fine, pliable cloths, possibly from clothing given the presence of small pleats, before being placed in the burial. What the FRS 001 remains indicate, however, is that multiple cloth types could be present, and that these probably had value in themselves within the burial tableau rather than acting solely as wrapping for other artefacts.

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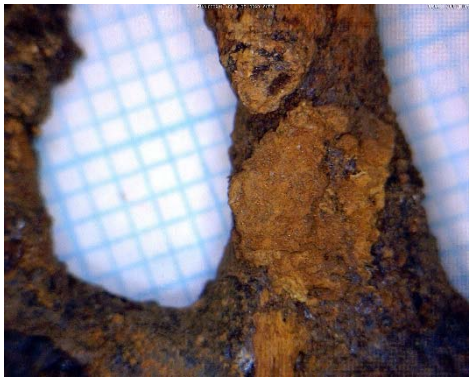
Appendix 8.1

The elements as recorded in the textile catalogue are presented in this sequence

Component of catalogue	**Meaning**
Accession number	As determined by Field Unit
Object	Object name as given
Textile fragment number	Unique identification number for each textile fragment recorded on the host object
Position on object	Where the textile fragment occurs on the object, for example 'outer face' or 'on rim'
Orientation	The alignment of the cloth with the host object. A restricted number of terms are used to express this relationship: aligned, horizontal, oblique, vertical
Textile fragment size in mm	The overall area of the textile fragment. The first dimension relates to SI and the second to SII
Thickness of clump in mm	This term is only used if there are multiple layers, otherwise a single layer is assumed
SI	SI is System I, probably the warp although with a degree of uncertainty
SII	SII is System II, probably the weft although with a degree of uncertainty
Count SI	The number of threads per cm. Number in brackets is the actual count taken, rectified to a cm count
Count SII	The number of threads per cm. Number in brackets is the actual count taken, rectified to a cm count
Spin SI	The direction of spin on the thread- z, s or un (unspun) – in that system. S or Z ply indicates that two or more threads were plied in that direction
Spin SII	The direction of spin on the thread- z, s or un (unspun) – in that system. S or Z ply indicates that two or more threads were plied in that direction
Thread diameter SI	A measurement in mm. If variable thread sizes present, a range is given
Thread diameter SII	A measurement in mm. If variable thread sizes present, a range is given
Fibre	Mp - mineral preserved. Extant – fibres have survived in their original form
Weave	Type of woven structure present: plain (tabby); basket; twill, with further definitions such as 2/1, 3/1, 2/2, diamond and herringbone; braid; tape.
Comments	A qualitative description of the textile fragment and its relationship to other fragments. The terms medium (thread count 10-14 in either system), fine (thread count over 14 in either system) and coarse (fewer than 10 threads per cm) are applied from a visual assessment if no actual count could be recorded. The character of the threads and the weave is also assessed. The term 'complex' is used where the weave pattern appears to have a more complicated structure than plain or simple twill, but could not be identified.

Appendix 8.2 Digital images of the textile fragments



1678

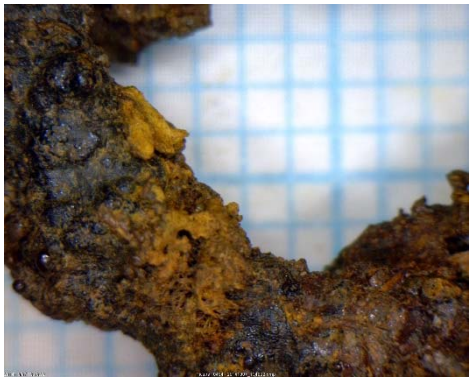
1736

1772 TF1

1772 TF2

1804

1804



1807

1835

Appendix 9. Wooden remains from casket fittings in Grave 6039

Esther Cameron

Grave 6039, context 6041

The wood evidence

Sf1736, 1743-4, 1749, 1751, 1754-6, 1767, 1769-72, 1798, 1811, 1835-6 and 1863

Mineralised wood on the box fittings was examined for evidence of joinery, grain direction and thickness (see below). The wood was identified as field maple (Acer campestre).[1] Anglo-Saxon cemetery-evidence shows that the wood species most frequently used for boxes were beech and maple, in that order. These woods have similar properties, being dense and fine-grained with colours ranging from white to reddish. Maple may have been regarded as the superior of the two for its hardness and shine, and prized because it was less available than beech.

Dimensions of the box

The overall spread of metalwork representing the box and its contents covered an area 370 x 270mm. The central cluster, mostly the contents, was surrounded at a slight distance by some of the fittings. This 'scattering' may have been due to the box collapsing outwards under the overburden, but the positions of 1772 (a rectangular strip) 70mm south of the cluster's edge, 1836 (a looped strip) 60mm to the west, and 1835 (a clamp) 170mm to the west, suggest that the box was disturbed on the southern side.

The positions of two rectangular strips 1770 and 1771 on the northern edge of the complex suggest the long axis of the box was east/west with these two strips marking the positions of hinges. The distance between them was approximately 70mm. With these considerations in mind the footprint of the box may have been approximately 150 x 110mm.

There is no indication of box height. Assumptions can be made about the functions of some items, such as 1836 and 1772 which might have been lock-fittings, the combined lengths of which gives a minimum height of 113mm. If the length of the strip 1743, another possible lock-fitting, was added this could increase the height by a further 42mm, although there is no indication that these pieces were vertically aligned.

[1] 'Identification of wood remains from casket fittings' (Friston report, E Cameron, 10/11/2014)

Shape of the lid

Friston's 'hinges' 1770 and 1771 are flat, but as they might be the lower half of each pair, no conclusions can be drawn from them about the shape of the lid. Fittings 1743 and 1836 (when its two fragments are joined) are both gently angled at about 140˚ which might be an indication that the lid was angular in profile.

The majority of Anglo-Saxon box-lids are assumed to have been flat-lidded, including one from grave 621/1 Mucking with a sliding lid (Hirst and Clark 1993, 560). Sometimes, when the evidence has suggested a raised lid, interpretations have favoured the semi-circular sectioned lids such as Finglesham grave 95, Swallowcliffe Down, and Bloodmoor Hill, rather than the trapezoidal-sectioned lid on the box from St Severin, Cologne (Fremersdorf 1956).

Evidence of joins

The main fittings, comprising the split loops and rectangular strips, have traces of wood on the back. In each case the direction of grain runs transverse to their axes, indicating that the box's front and back walls, and lid, were made from longitudinal tangential boards, which is the most efficient way to utilise timber. On these there is no evidence of joinery.

Various small nails and clamps associated with the Friston complex are assumed to belong to the box. In fact, wood from one of the clamps, 1751, has been identified as maple, the same species as on the main casket fittings. There are four nails (1744a & b, 1756 and 1769) with transverse wood grain; four (possibly six) clamps with both jaws embedded in wood (1749, 1751, 1755 and 1863a, b, d, e); and three clamps, each with one jaw embedded, the other forming an external edge or corner brace (1798, 1835 and 1836b). One of the latter, 1835, has wood with two grain directions indicating a join. There is a second clamp, 1755, with two grain directions but the evidence is poorly preserved. There is possibly a join on a third clamp, 1751.

Five clamps have wood grain parallel to the axis of the clamp (1749, 1751, 1798, 1836a, 1863), which is unusual if the purpose of a clamp is to pull two surfaces together.

Wood thicknesses

The greatest thickness of wood was found on two split loops 1744 and 1811. Curved rod-like fragments inside the loops probably represent either the ends of a drop handle or fragments of rings from the hinges. If the 'drop-handle' interpretation is correct, the evidence of other 7th century boxes would suggest it was positioned centrally at the top of the lid, in which case the thickness of the box at its apex was 23mm. On the other hand, if the 'hinge-ring' idea is correct the thickest part of the box was its back wall.

Next are the looped strip 1836 and split loop 1736, each with wood thicknesses of 18-19mm, which suggests they are related in some way as the other rectangular

strips, clamps and nails suggest wood thicknesses of 11-15mm for the remainder of the box.

Evidence of repair

The mineralised wood remains show no evidence of secondary working, but the nails and clamps in the assemblage might suggest the Friston box had been repaired. Watson interpreted twelve small nail fragments from a box from Harford Farm, Suffolk as possible dowel repairs (Penn 2000, 64-5). Morris, however, views nails and clamps as part of the original construction of 6th/7th century boxes, used in conjunction with joints and glues (Morris 2000, 2286). In the later Saxon period, small nails and clamps were also used to attach decorative plates to box-lids (Morris 2000, 2286, Fig 1116). The Friston nails and clamps show no evidence of any material other than wood.

Comparison with Harford Farm, grave 7

The Friston box cannot be reconstructed with any certainty from these few details, but useful parallels can be drawn with the box from grave 7, Harford Farm, Suffolk (Penn 2000, 64-5). This was of alder, with a base measurement of approximately 150 x 115mm and an estimated height of approximately 110mm. It had iron hinge plates, a drop handle and split pins, and there was also a padlock. The occurrence of small nails with this box has already been mentioned. The thickest part of the box, at the apex of the lid, was 26mm, while the lower part of the lid and back wall were approximately 15mm in thickness. In discussing the evidence Watson makes the interesting observation that the lid may have been made in sections. Although the lid of the Harford Farm box was reconstructed as barrel-shaped, it might equally have been trapezoidal in section with a thick spine across the apex supporting the handle.

Returning to the Friston box, it might be concluded from the evidence that the apex of the lid was a rib of wood thicker than other surviving parts of the box. Although there is no indication of how it was constructed, an Anglo-Saxon example of a thicker rib being used to join two walls at an angle can be seen in the corner uprights of the Franks casket (Webster 2012, fig 7).

There is no evidence of joinery for the base, although this could have been slotted into grooves on the inner face of the walls, a technique widely used on Anglo-Saxon wooden stave buckets from at least the 6th century (Cook 2004, 31, fig 2). Although at first glance the two boxes from Friston and Harford Farm appear different, they may have been very similar in size, proportions and construction. Building on these observations a second reconstruction can be proposed with a drop-handle and trapezoidal lid, and assuming some sort of locking mechanism on the front (Fig 00).

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BARBER'S POINT, FRISTON, SUFFOLK FRS001

Grave 6031

Identification of wood remains from casket fittings

Mineralised wood remains from five casket fittings were sampled for SEM analysis. The number of samples taken reflects the condition of the wood which was not ideal, tending to crumble and powder rather than braking into smaller fragments. There was also the possibility of more than one casket.

Sf1743 sample 1	images 1-5
Sf1751 sample 2	images 6-8
Sf1770 sample 3	image 9
Sf1811 sample 4	images10-14
Sf1836 sample 5	images15-17

The samples were platinum-coated and examined under high vacuum using a JOEL JSM-6480LV scanning electron microscope at Begbroke Nano, Department of Materials, Oxford University.

All five samples were found to be the same species, **Acer campestre** (field maple), a diffuse porous wood characterised by numerous vessels with spiral thickening and simple perforation plates, the rays homogeneous, 3-4 cells wide.

Images 1-17 will be supplied on a CD and the samples returned for archive.

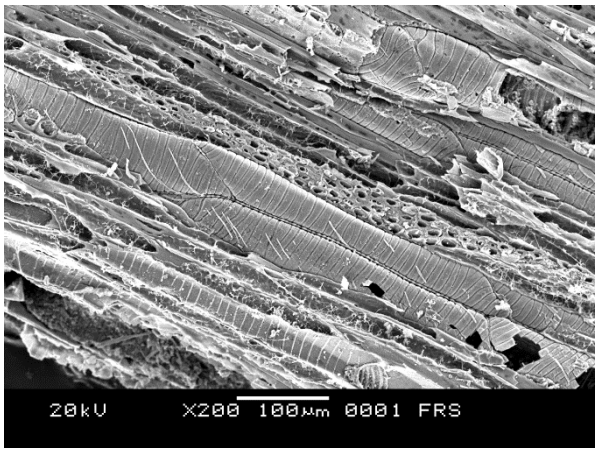


Image 1

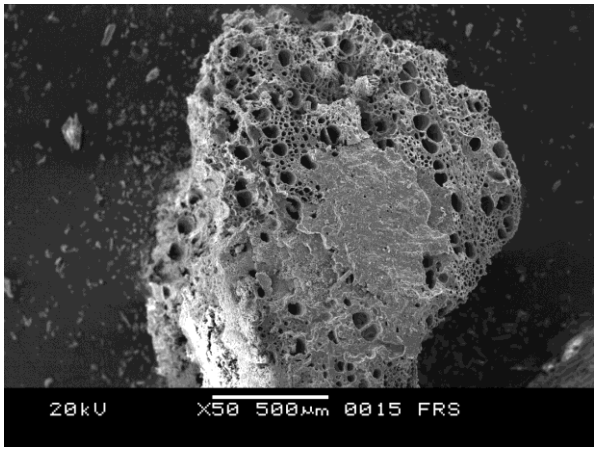


Image 15

Esther Cameron 10/11/2014

Appendix 10. Catalogue of human remains

Articulated skeletons

Sk. 6011 Male, 16–18 years

Description:	Fragments of maxilla and mandible, a few scraps of shoulders, shafts of humeri and ulnae (radii excavated as 5157), fragments of pelvis, shafts and some epiphyses of femora and tibiae, ankle bones and very fragmentary MTs.															
Condition:	Fair to poor, surface erosion, long bone ends decayed.															
Determination of age:	Epiphyses partly fused at elbow, hips and knees unfused, M3s unerupted, tooth wear slight.															
Determination of sex:	All bones large and robust.															
Teeth:																
	-	7	6	5	4	3	2	1	1	2	3	4	5	6	7	U
	U	7	6	5	4	3	2	1	1	2	3	4	5	6	7	U
Tooth wear:	-	2	3-	2	2	2+	2+	3-	3-	2+	2+	2	2	3-	2	-
	-	2	3-	2	2	2+	2+	3	3	2+	2+	2	2	3-	2	-
Dental pathology:	Chips of enamel of lower R. M2 (buccal-distal), and upper L. M2 (buccal-mesial).															
C14 sample	See 5157															

Sk. 6031 Female, 18–19 years

Description:	Fragments of skull, shoulders, arms, hands, L. ribs, vertebral arches, pelvis, legs, feet.															
Condition:	Skull and torso poor, rest fair.															
Determination of age:	Epiphyses of hips, elbows and ankles fully fused, knees and shoulders partly. Third molar unerupted, tooth wear slight.															
Determination of sex:	Sciatic notch wide, femur head small, mandible gracile, but teeth large.															
Stature:	159.4cm from Fem+Tib average															
Teeth:																
	-	7	6	5	4	-	-	1	1	2	3	4	5	6	-	-
	U	7	6	5	4	3	2	1	1	2	3	4	5	6	7	-
Tooth wear:	-	2-	3-	2	2	-	-	3-	3-	2+	2+	2+	2+	3-	-	-
	-	2	3-	2	2	2+	2+	3-	3-	2+	2	2	2	2+	2	-
Dental pathology:	None.															
Pathology:																

Cribra orbitalia:	Porotic in L, R lost.
Congenital:	L5 sacralised. Bifid arch S1 (or S2 due to sacralisation).
C14 sample	L fibula (4g)

Sk. 6040 Unsexed, c.16 years

Description:	Fragments of teeth, R arm, R leg, feet.															
Condition:	Fair to poor with surface erosion all over, except some parts of the feet.															
Determination of age:	Epiphyses of distal tibia and MT heads unfused, proximal MT1 partly fused. M3 unerupted, tooth wear slight.															
Determination of sex:	Bone gracile but may be due to age.															
Teeth:																
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	U	7	-	-	4	3	2	1	1	2	3	4	-	6	-	-
Tooth wear:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	2	-	-	2-	2-	2	2+	2+	2	2	2	-	2	-	-
Dental pathology:	None.															
C14 sample	MT (4g)															

Sk. 6045 Child, c.5 years

Description:	Fragments of calvarium, teeth, L clavicle (green staining), humeri, L radius, pelvis, femora, L tibia.															
Condition:	Fair to poor, surface erosion all over.															
Determination of age:	Epiphyses unfused, tooth eruption, metaphyseal lengths.															
Determination of sex:	N/A															
Teeth:																
	-	U	U	e	d	c	b	a	a	b	c	d	e	U	U	-
	-	U	U	e	d	c	b	-	-	-	-	d	e	U	U	-
Tooth wear:	-	-	-	3-	4	3	4+	5+	5+	4-	2+	4	3	-	-	-
	-	-	-	3-	4	2+	2+	-	-	-	-	3	3-	-	-	-
Dental trait:	Parastyle (Grade 3) on upper right deciduous M1.															
C14 sample	L radius (2g)															

Sk. 6077 Child, c.4 years

Description:	Fragments of skull and L femur.
Condition:	Poor, very little surviving, surface erosion.
Determination of age:	Tooth eruption and calcification.
Determination of sex:	N/A

Teeth:																
	-	-	-	-	-	-	-	-	-	-	-	d	e	U	U	-
	-	-	U	e	-	-	-	-	/	/	/	/	e	U	U	-
Tooth wear:	-	-	-	-	-	-	-	-	-	-	-	3-	3-	-	-	-
	-	-	-	2+	-	-	-	-	-	-	-	-	3-	-	-	-
Dental pathology:	None.															
C14 sample	Femur (2g)															

Sk. 6081 Male, c.17-18 years

Description:	A few teeth, R humerus and proximal ulna, L vertebral frags, pelvis, femora, frags tibiae and ankles.															
Condition:	Poor, very little surviving, surface erosion. Tooth enamel very fragile.															
Determination of age:	Epiphyseal fusion: elbow fused, prox femur and tibia partly fused, distal fem and tib unfused, ischial tubersosity partly fused.															
Determination of sex:	Large femoral head, narrow sciatic notch.															
Teeth:																
	-	-	-	5	4	-	-	-	-	2	3	-	5	-	-	-
	-	7	6	5	4	-	-	-	-	-	-	4	-	6	-	-
Tooth wear:	-	-	-	2	2	-	-	-	-	2+	3-	-	2	-	-	-
	-	2	3	2	2	-	-	-	-	-	-	2	-	3	-	-
C14 sample	R humerus (2.1g)															

Sk. 6099 Child, c.5-6 years?

Description:	Teeth only.															
Condition:	Very poor, fragments of enamel only.															
Determination of age:	No wear on surviving molars, probably all unerupted.															
Determination of sex:	N/A															
Teeth:																
	-	-	U	-	-	-	-	-	-	-	-	-	-	U	U	-
	-	U	U	-	-	-	-	-	-	-	-	-	-	U	U	-

Dental pathology:	None.															
C14 sample	None.															

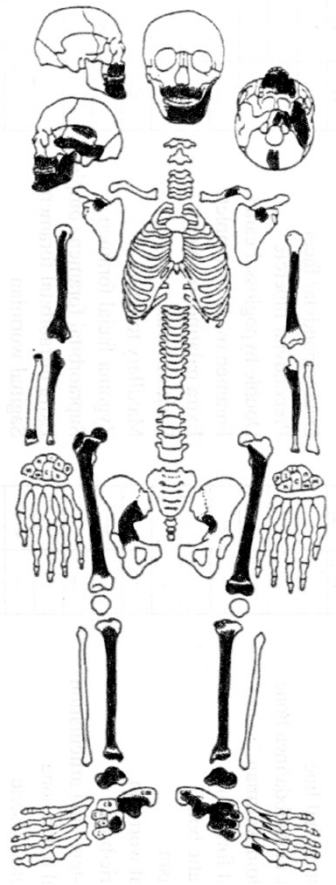
Sk. 6102 Child, 8–9 years

Description:	Fragments of skull, shoulders, arms, ribs, vertebral arches, pelvis, legs, feet.															
Condition:	Fair, some surface erosion.															
Determination of age:	No epiphyses fused, tooth calcification/eruption, metaphyseal lengths.															
Determination of sex:	N/A															
Teeth:																
	-	U	-	e	d	-	2	1	1	2	-	d	e	6	U	-
	-	U	6	e	-	-	-	-	-	-	-	-	e	6	U	-
Tooth wear:	-	-	-	3+	5	-	1	1	1	1	-	5+	4	2-	-	-
	-	-	2-	4	-	-	-	-	-	-	-	-	4	2-	-	-
Dental pathology:	None.															
Pathology:																
Congenital:	Bifurcated arches S1–5.															
C14 sample	L humerus (4g)															

Sk. 6136 Unsexed, young adult

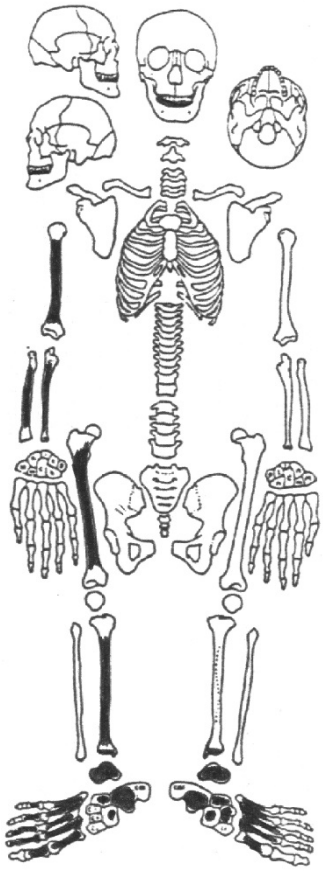
Description:	Fragments of skull, teeth, humeri, femora.															
Condition:	Poor, surface erosion.															
Determination of age:	Tooth wear slight, proximal femur fused, M3s erupted.															
Determination of sex:	Bones appear large and robust but brow ridges gracile.															
Teeth:																
	8	7	6	5	-	3	-	-	1	2	3	4	5	6	7	8
	8	7	6	5	-	3	2	-	-	-	-	-	5	6	7	8
Tooth wear:	2	2	3-	2	-	2+	-	-	3	2+	2+	2+	2+	3-	2	2-
	2-	2	3	2	-	2	2+	-	-	-	-	-	2	3	2	2-
Dental trait:	Large (Grade 5) metaconule upper R M2.															
C14 sample	Ulna (3.4g)															

Skeleton diagrams

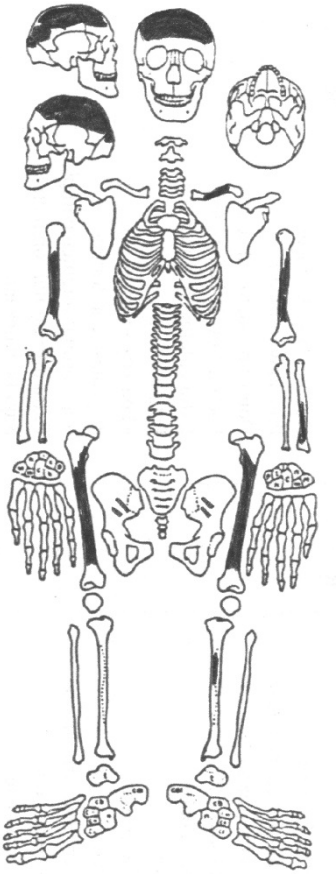


6011

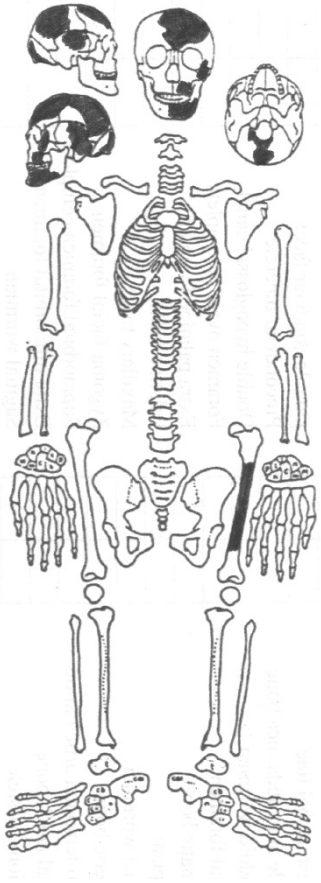
6031



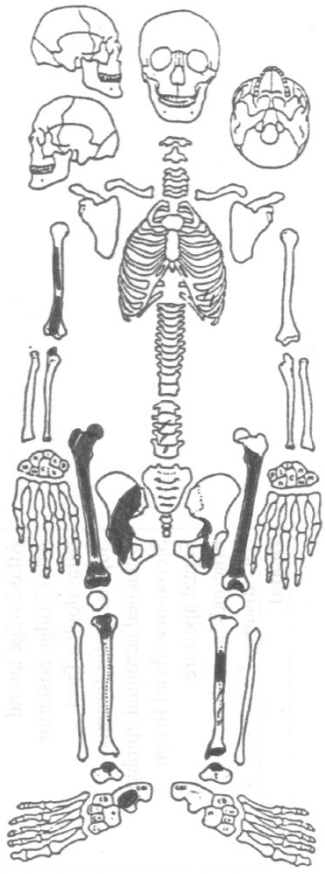
6040



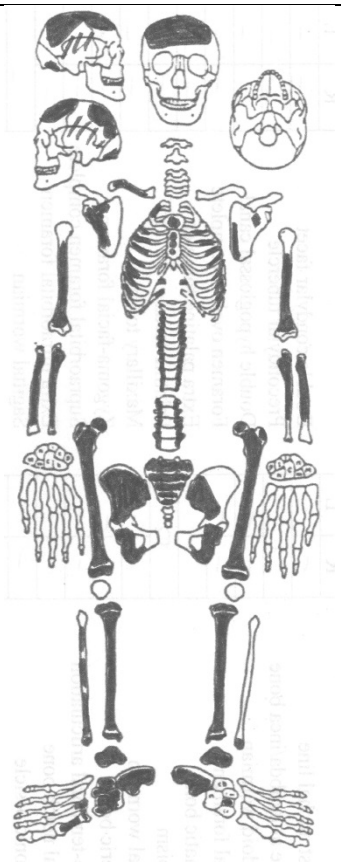
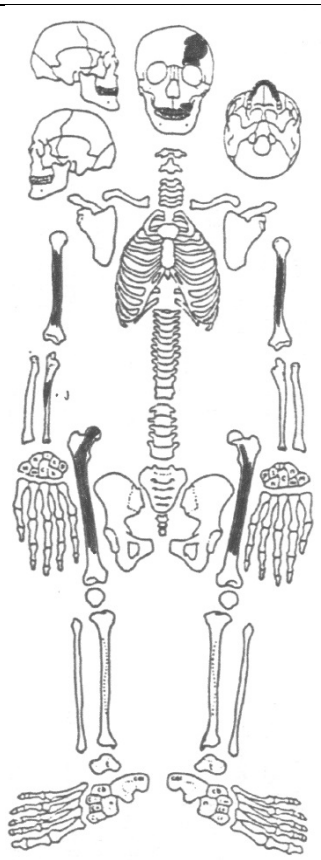
6045



6077



6081

 6102	 6136	

Post-cranial measurements

		Sk.	6011	6031	6045	6081	6102
Femur							
Maximum length	FeL1	R	(447)	423	(c.210)		(333)
		L		433			(332)
Oblique length	FeL2	R		420			
		L		426			
Head diameter	FeHead	R		39		47	
		L		39			
Bicondylar breadth	FeE1	R					
		L					
Min subtrochanteric A-P diameter	FeD1	R					
		L		23			
Max subtrochanteric M-L diameter	FeD2	R					
		L		28			
Minimum shaft diameter (A-P)	FeD3	R					
		L		23			
Maximum shaft diameter (M-L)	FeD4	R					
		L		24			
Meric Index 100(FeD1/FeD2)		R					
		L		82.1			
Robusticity Index 100((FeD3+FeD4)/FeD2)		R					
		L		11.0			
Tibia							
Maximum Length	TiL1	R	(361)	335			(255)
		L	(357)	337			(251)
Bicondylar Breadth	TiE1	R					
		L					
A-P diameter at nutrient foramen	TiD1	R		29			
		L		28			
M-L diameter at nutrient foramen	TiD2	R		21			
		L		21			
Cnemic Index 100(TiD2/TiD1)		R		72.4			
		L		75.0			
Fibula							
Maximum Length	FiL1	R					
		L					
Humerus							
Maximum Length	HuL1	R					
		L		294			

Head diameter	HuHead	R		
		L		
Epicondylar Breadth	HuE1	R		
		L	50	
Radius				
Maximum Length	RaL1	R		(162)
		L		
Ulna				
Maximum Length	UlL1	R		(182)
		L		
Calcaneus				
Maximum Length	CaL1	R	70+	
		L	72+	
Clavicle				
Maximum Length	ClL1	R		
		L		
Sacrum				
Maximum Length				
Maximum Breadth				
S1 Width				
Breadth/Length Index				
S1 Width/Max Breadth Index				

Stature

Measurements in mm, figures in brackets are diaphyseal lengths of juvenile bones.

Non-metric traits: cranial

		6011	6031	6045	6077	6102
Highest nuchal line	R	-	-	-	-	-
	L	-	-	-	-	-
Ossicle at lambda/Inca		-	-	-	-	-
Lambdoid wormian bones	R	-	-	-	-	-
	L	-	-	-	-	-
Parietal foramen	R	-	-	-	-	-
	L	-	-	-	-	-
Bregmatic bone		-	0	0	-	-
Metopism		-	0	0	+	0
Coronal wormian bones	R	-	-	-	-	-
	L	-	0	-	-	-
Epipteric bone	R	-	-	-	-	-
	L	-	-	-	-	-
Fronto-temporal articulation	R	-	-	-	-	-
	L	-	-	-	-	-
Parietal notch bone	R	-	-	-	-	-
	L	-	-	-	-	-
Asterionic ossicle	R	-	-	-	-	-
	L	-	-	-	-	-
Auditory torus	R	-	-	-	-	-
	L	-	-	-	-	-
Huschke's foramen	R	-	-	-	-	-
	L	-	-	-	-	-
Post-condylar canal	R	-	-	-	-	-
	L	-	-	-	-	-
Double condylar facet	R	-	-	-	-	-
	L	-	-	-	-	-
Precondylar tubercle	R	-	-	-	-	-
	L	-	-	-	-	-
Double hypoglossal canal	R	-	-	-	-	-
	L	-	-	-	-	-
Foramen ovale incomplete	R	-	-	-	-	-
	L	-	-	-	-	-
Extra palatine foramen	R	-	-	-	-	-
	L	-	-	-	-	-
Palatine torus	R	0	0	-	-	-
	L	0	0	-	-	-

Maxillary torus	R	0	-	-	-	-
	L	0	-	-	-	-
Zygoma-facial foramen	R	-	-	-	-	-
	L	-	-	-	-	-
Supra-orbital foramen complete	R	-	-	-	-	-
	L	-	-	-	-	-
Extra infra-orbital foramen	R	-	-	-	-	-
	L	-	-	-	-	-
Sagittal wormian		-	-	-	-	-
Squame parietal ossicle	R	-	-	-	-	-
	L	-	-	-	-	-
Sagittal sinus turns L		-	-	-	-	-
Multiple mental foramen	R	0	0	-	-	-
	L	0	0	-	-	-
Mandibular torus	R	0	0	-	-	-
	L	0	0	-	-	-

Non-metric traits: post-cranial

		6011	6031	6040	6081	6102	6136
Atlas bridge lateral	R	-	-	-	-	-	-
	L	-	-	-	-	-	-
Atlas bridge posterior	R	-	-	-	-	-	-
	L	-	-	-	-	-	-
Atlas double facet	R	-	-	-	-	-	-
	L	-	-	-	-	-	-
Suprascapular foramen	R	-	-	-	-	-	-
	L	-	-	-	-	-	-
Detached acromial epiphysis	R	-	-	-	-	-	-
	L	-	-	-	-	-	-
Sterno-manubrial fusion	R	-	-	-	-	-	-
	L	-	-	-	-	-	-
Septal aperture of humerus	R	+	-	-	0	-	-
	L	-	0	-	-	-	-
Epicondylar process of humerus	R	0	-	-	-	-	-
	L	-	0	-	-	-	-
Sacralisation of L5	R	-	+	-	-	0	-
	L	-	+	-	-	0	-
Four sacral segments		-	-	-	-	0	-
Six sacral segments		-	-	-	-	0	-
Acetabular crease	R	-	++	-	-	-	-
	L	-	+	-	-	-	-
Allen's fossa of femur	R	-	+	-	-	-	-
	L	-	+	-	-	-	-
Poirier's facet of femur	R	-	0	-	-	-	-
	L	-	0	-	-	-	-
Plaque formation of femur	R	-	0	-	-	-	-
	L	-	0	-	-	-	-
Third femoral trochanter	R	0	0	-	0	+	0
	L	-	0	-	0	+	-
Vastus notch of patella	R	-	-	-	-	-	-
	L	-	-	-	-	-	-
Calcaneus double facet	R	0	0	0	-	-	-
	L	0	0	0	-	-	-
Cuboid-navicular articulation	R	-	0	0	-	0	-
	L	+	0	0	-	-	-

Notes

Methods of age and sex determination are generalised to give an idea of the bones used. Sexing based on the pelvis used more traits than entries might suggest. "DF" stands for discriminant function, a statistical method of determining sex, where +2.0 is very male, -2.0 very female (WEA, 1980).

Teeth are recorded in the form illustrated below.

```
Maxilla R.     8 7 6 5 4 3 2 1   1 2 3 4 5 X 7 U      L.
Mandible             0 7 6 5 4 - - -   / / 3 4 5 6 7 C
                     A   C
```

Code	Meaning
1 2 3 etc.	Tooth present in jaw.
X	Tooth lost ante-mortem.
/	Tooth lost post-mortem.
U, u	Tooth unerupted.
O, o	Tooth in process of erupting.
C	Tooth congenitally absent.
- - -	Jaw missing.
A	Abscess present (above/below tooth number).
C	Caries present (above/below tooth number).

Lower case letters a-e and u/o are used for deciduous teeth. Attrition patterns are coded according to the scores suggested by Bouts and Pot (1989, modified version of Brothwell's original tooth wear chart).

A few abbreviations have been used in the catalogue for commonly occurring pathological conditions and anatomical regions. These are as follows:

OA	osteoarthritis		MT	metatarsal
OP	osteophytosis, osteophytes		MC	metacarpal
C	cervical	)	L.	left
T	thoracic	) vertebrae	R.	right
L	lumbar	)		
SIJ	Sacro-iliac joint		TMJ	Temporo-mandibular joint

Any other abbreviations should be self-explanatory, since they are simply shortened forms of bone names or anatomical areas (prox = proximal, etc.).

Tables of measurements for the skull and major long bones are included after the catalogue of disarticulated remains. Tables of non-metric trait scores are also provided.

Appendix 11. Animal bone catalogue

Ctxt	FNo	Type	Frag	Burnt	Bt Col	G	Ctxt Qty	Wt (g)	LM	SMM	SM	M	Species	NISP	Ad	Juv	Element range	Cou	Butchering	Comments
0044	42	Ditch	*			*	3	1				3	mammal	3						
6001	6001	U/S Finds				*	3	1				3	mammal	3						
6008	6007	Ditch	*			*	1	1				1	mammal	1						
6010	6009	Grave Fill	*			*	9	50	2			7	mammal	9						
6015	6014	Ditch	*			*	23	295	2				cattle	2	2		mand, ul	1	ch, c	mand, ulna
6015	6014	Ditch	*			*				3			sheep/goat	3	2		ll, sk/hc	2	ch	sheep skull fragment - sag.ch and hc chopped, 2 mc
6015	6014	Ditch	*			*			10			8	mammal	18						
6018	6018	Layer	*			*	2	1				2	mammal	2						
6032	6030	Finds	*	1	charred	*	3	33	1			2	mammal	3					ch	chopped large mammal limb shaft frag, 2 small frags
6041	6039	Skeleton	*			*	5	76	1				cattle	1	1		mand			
6041	6039	Skeleton	*			*						4	mammal	4						
6044	6043	Skeleton 6045	*			*	1	1				1	mammal	1						
6052	6043	Skeleton 6045	*			*	1	14					sheep/goat	1	1		ul		ch	tibia/fibula
6053	6043	Skeleton 6045	*			*	1	2		1			sheep/goat	1	1		t			insc
6055	6043	Skeleton 6045				*	1	17		1			sheep/goat	1	1		ul	1	ch	radius
6070	6007	Ditch				*	5	43	1				cattle	1	1		f	0.5	c	cut pph
6070	6007	Ditch	*	2	charred	*						4	mammal	4						
6070	6007	Ditch	*			*	6	6				6	mammal	6						From sample 106
6071	6071	Cancelled number	*			*	3	3				3	mammal	3						
6076	6078	Grave Fill	*			*	1	1				1	mammal	1						

6101	6100	Grave Fill	*			*	1	1				1	sheep/goat	1	1		t			lower molar 2
6137	6135	Grave Fill	*			*	3	9	3				cattle	3		3	t			upper molar fragments
6166	6156	Pit	*			*	2	1			1		sm - squirrel	1		1	ll	1		tibia/fibula
6166	6156	Pit	*			*						1	mammal	1						
6503	6003	squares	*			*	3	12		2			sheep/goat	2			t			lower molar fragments
6503	6003	squares	*			*						1	mammal	1						
6510	6003	squares	*			*	2	6				2	mammal	2						
6512	6003	squares	*			*	3	8					mammal	3						
6513	6003	squares	*			*	6	66	2				cattle	2	2		scap, t	1	ch	scap and lower molar
6513	6003	squares	*			*						4	mammal	4						
6515	6004	squares	*			*	2	3		1			sheep/goat	1	1		t			lower molar 2
6515	6004	squares	*			*						1	mammal	1						
6516	6004	squares	*			*	1	3					mammal	1						
6518	6004	squares	*			*	1	2				1	mammal	1						
6519	6003	squares	*			*	9	53	1				cattle	1	1		t			lower molar 3
6519	6003	squares	*			*			2			6	mammal	8						
6520	6003	squares	*			*	3	4				3	mammal	3						
6523	6004	squares	*			*	1	2			1		sm - cat	1	1		pel			pelvis
6526	6003	squares	*			*	13	97	2				cattle	2		2	t			lower molars
6526	6003	squares	*			*				2			sheep/goat	2	2		t			lower molars
6526	6003	squares	*			*						9	mammal	9						
6527	6003	squares	*			*	15	220	3				cattle	3	3		ul, scap	1	ch, c	femur, scapula
6527	6003	squares	*			*						12	mammal	12						
6536	6003	squares	*			*	4	25				4	mammal	4						
6537	6003	squares	*			*	8	35	1				cattle	1	1		t			
6537	6003	squares	*	2	white	*			3			4	mammal	7						
6545	6003	squares	*			*	2	8				2	mammal	2						
6546	6003	squares	*			*	1	11				1	mammal	1						
6553	6003	squares	*			*	2	15	1			1	mammal	2						
6844	6003	squares	*	1	w	*	2	2				2	mammal	2						

Appendix 12. Catalogue of plant macrofossils and other remains

Sample No.	**100**	**101**	**102**	**103**	**104**	**105**	**106**	**107**	**108**	**109**	**110**
Context No.	**6006**	**6025**	**6027**	**6079**	**6084**	**6041**	**6070**	**6044**	**6080**	**6076**	**6044**
Cut No.	**6005**	**6024**	**6026**	**6156**	**6039**	**6039**	**6007**	**6043**	**6082**	**6078**	**6043**
Feature type	**PH**	**PH**	**PH**	**Pit**	**Grave**	**Grave**	**Ditch**	**Grave**	**Grave**	**Grave**	**Grave**
Date	**Sax**	**Sax**	**Sax**	**Pre**	**Sax**	**Sax**	**Sax**	**Sax**	**Sax**	**Sax**	**Sax**
Cereals and other food plants											
Triticum sp.									#		
Cereal indent. (grains)	#					#		#			
Fabeacea sp.							#				
Tree/shrub charred											
Corylus sp. Nutshell				###							
Weeds/other un-charred											
Rubus sp.									#	#	
Trifolium/Medigo sp.		#		#			#		#		#
Urtica sp.											
Tree/shrub macrofossils											
Sambucus nigra L.											
Other plant macrofossils											
Charcoal 0-5mm	x	x	x	xx	xx	xx	xxx	x	xx	x	x
Charcoal 5-10mm		x	x	xx	x		xx	x	x	x	x
Charcoal >10mm											
Mineralised wood fragments					x						
Fibrous roots	xxx	xxx	xxx	x	xx	xx	xxx	xx	xxx	x	xx
Indet.seeds											
Other remains											
Insect remains					x		#				
Snail shells							x	x			x
Bone		x			x		#		x		
Amphibian/Small mammal bones				x				x			x
Oyster shell fragments		x	x				xx	x			
Fired clay											x
Vitrous globules (non-ferrous)	x	#					#				
Sample volume (litres)	**30**	**10**	**10**	**35**	**10**	**10**	**40**	**50**	**35**	**10**	**20**
Volume of flot (ml)	**300**	**100**	**100**	**100**	**20**	**20**	**300**	**100**	**100**	**5**	**100**
% flot sorted	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**

Sample No.	**111**	**112**	**113**	**114**	**115**	**116**	**117**	**118**	**119**	**120**	**121**	**122**
Context No.	**6088**	**6092**	**6032**	**6118**	**6120**	**6122**	**6124**	**6010**	**6114**	**6080**	**6102**	**6137**
Cut No.	**6087**	**6091**	**6030**	**6117**	**6119**	**6121**	**6123**	**6009**	**6113**	**6082**	**6100**	**6535**
Feature type	**Slot**	**PH**	**Grave**	**PH**	**PH**	**PH**	**PH**	**Grave**	**PH**	**Grave**	**Grave**	**Grave**
Date	**Sax**	**Sax**	**Sax**	**Sax**	**Sax**	**Missing**	**Sax**	**Sax**	**Sax**	**Sax**	**Sax**	**Sax**
Cereals and other food plants												
Triticum sp.							#					
Cereal indent. (grains)												
Fabeacea sp.												
Tree/shrub charred												
Corylus sp. Nutshell												
Weeds/other un-charred												
Rubus sp.												
Trifolium/Medigo sp.	#								#	#		
Urtica sp.			#									
Tree/shrub macrofossils												
Sambucus nigra L.			#								#	
Other plant macrofossils												
Charcoal 0-5mm	xx	xx	x	x	x		x	x	xx	xx	x	xx
Charcoal 5-10mm	x	x	xx					x	xx	x	x	xx
Charcoal >10mm	x	x										
Mineralised wood fragments												
Fibrous roots	xx	xx	xxx	xx	xx		xx	x	xx	xx	xx	xxx
Indet.seeds												#
Other remains												
Insect remains												
Snail shells					x			x				
Bone			x							xxx	x	x
Amphibian/Small mammal bones								x				
Oyster shell fragments								x				
Fired clay			x	x								x
Vitrous globules (non-ferrous)												
Sample volume (litres)	**20**	**10**	**40**	**10**	**10**	**10**	**10**	**10**	**10**	**40**	**10**	**30**
Volume of flot (ml)	**100**	**20**	**100**	**5**	**5**		**5**	**10**	**100**	**100**	**15**	**50**
% flot sorted	**100%**	**100%**	**100%**	**100%**	**100%**		**100%**	**100%**	**100%**	**100%**	**100%**	**100%**

Key: # = 1-10, ## = 11-50, ### = 51+ specimens, x = rare, xx = moderate, xxx = abundant

Appendix 13. Chronological modelling of the radiocarbon dates

John Hines

I have taken the radiocarbon dating data provided from the cemetery at Barber's Point, and created a series of relatively simple Bayesian models of the chronology of the site, using both vertical and horizontal stratigraphical information that variously demonstrates or suggests sequencing within this group of graves. I note that the data provided include radiocarbon ages BP (with 1σ probability ranges) but not the laboratory sample codes which need to be added in a published report on the dates. These data comprise dates on human skeletal material from 15 of the graves, one of them to high precision (±20 years), the rest to standard precision (± 30 or 35 years).

The first model tests the simple proposition that the burials form a single bounded phase — that is, in effect, that the use of the cemetery was a continuous if intermittent process. This model achieves a satisfactory index of agreement (A_{model} 75.3; Fig. 1). One burial, G0518, has poor individual agreement (A: 45.8). This can, however, be attributed primarily to the unfavourable state of the calibration curve (IntCal13) between cal AD 770 and cal AD 890, involving a small regression and a long plateau. It should be noted that this model presupposes that the samples are taken from *within* the date-span of the cemetery as a site rather than incorporating both the first and the last burials themselves. It consequently estimates 'Start' and 'End' date-ranges beyond the dates of observed and dated burials.

A series of models were then run examining the robustness of probable sequences, including the observed stratigraphical relationship whereby G6009, the northernmost grave, must be later than G6078 and G6082 because of their different relationships to a ditch. This series of models tested a division of the cemetery into a number of phases, ending when four phases had been distinguished. That G6039, the only 'furnished' burial, could be the first interment in the cemetery cannot fail to give good agreement when modeled because G6039 has the highest radiocarbon age. G6039 is in the centre of the easternmost row in the cemetery. A second phase comprises eight dated graves on either side of G6039 in the same row, from G5141 in the south to G6078 in the north, plus G5094 which is slightly out of line to the west, and G5131

which appears to have been aligned with G6039 and is directly west of that grave. The burials of this putative phase define a shallow arc around G6039, excluding G6009 to the north on the stratigraphical grounds noted above and G6074 at the southern end, which cannot be dated. The third phase consists of two dated graves from the four in a row further west, from G5141 in the south to G5072 in the north. The fourth phase is the two remaining graves furthest west, G0600 and G0518.

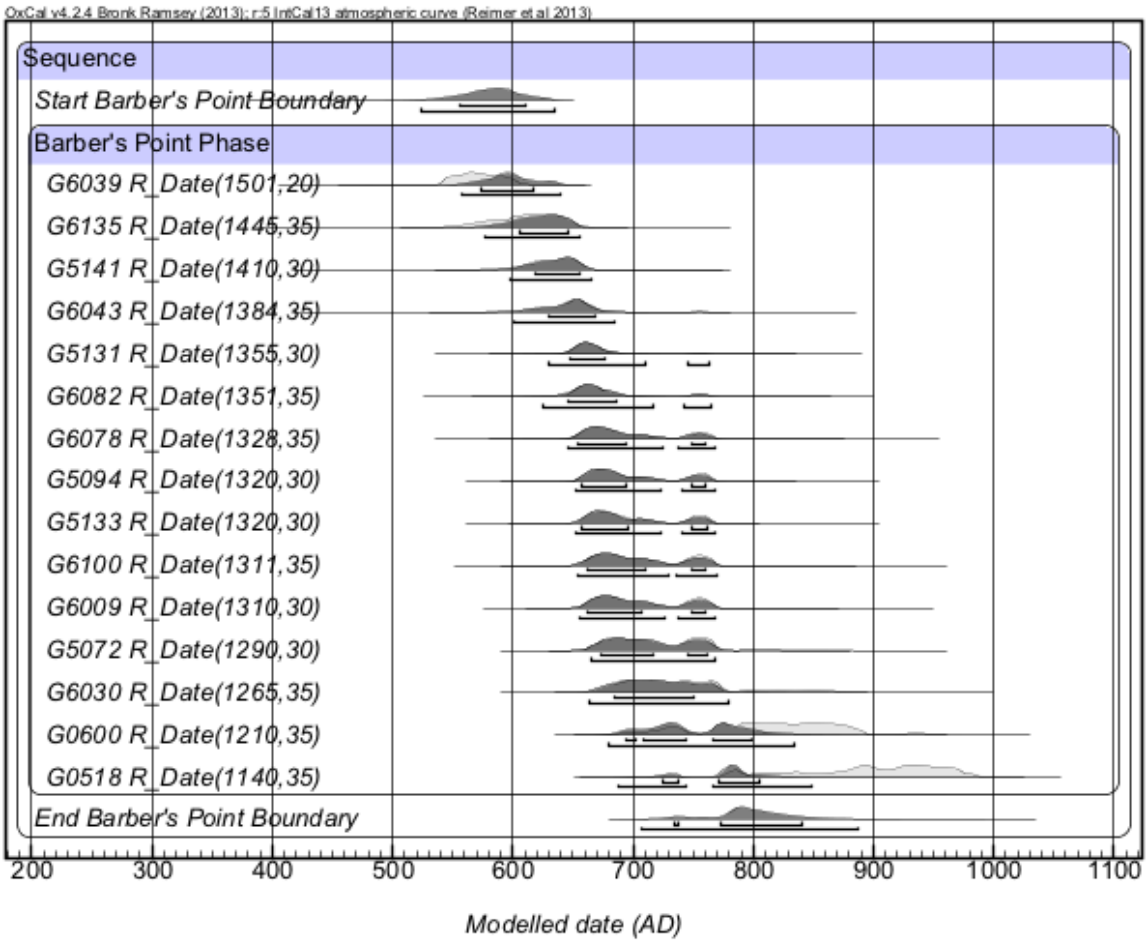


Figure 1. The first model of all burials from a single phase

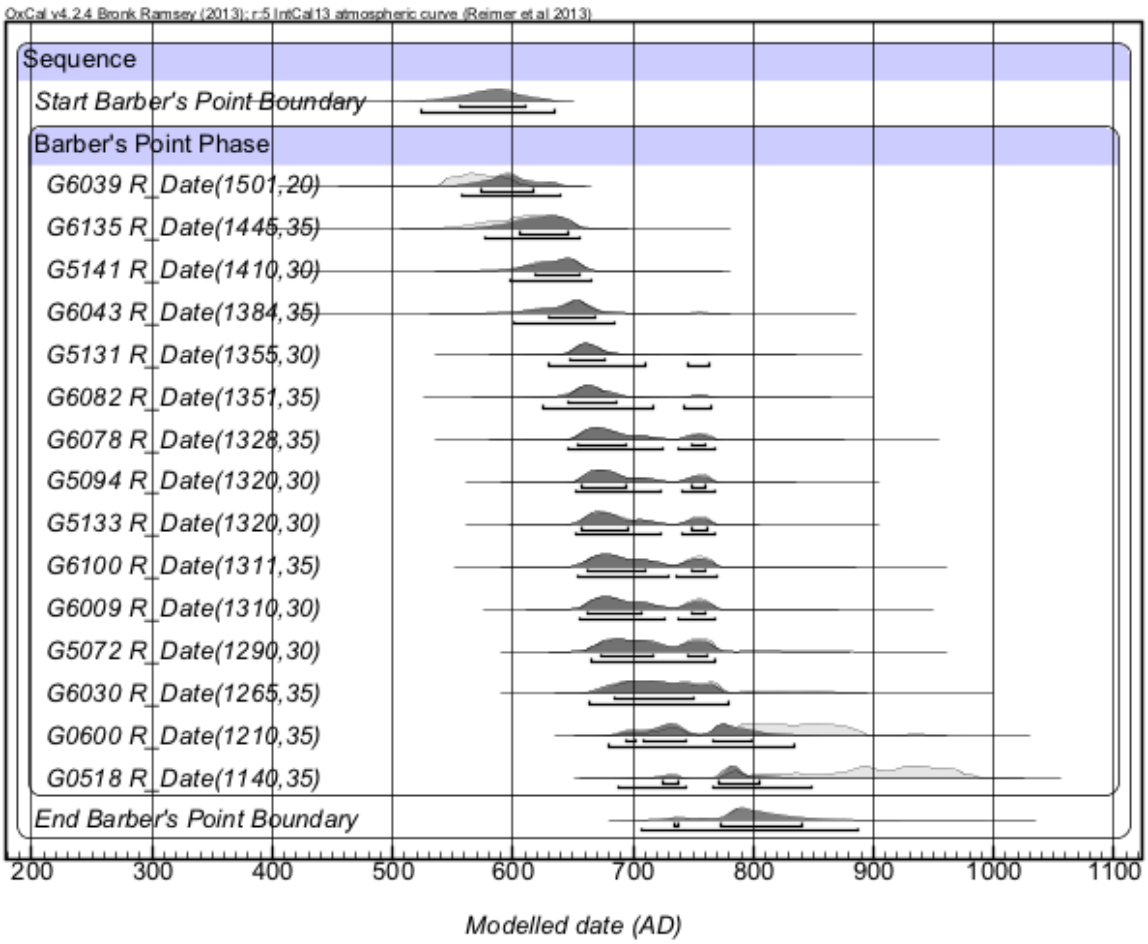


Figure 2. The four phase model

The four-phase model has a good index of agreement (A_{model} 111; Fig. 2) and no graves individually have poor agreement. It suggests a date for G6039 as the first burial of *cal AD 561–602 (68% probability)* or *cal AD 541–622 (95% probability)*. The transitions of phase 2-3 and phase 3-4 are tabulated below.

	68% probability	95% probability
Boundary 2/3	*cal AD 670–699*	*cal AD 660–732*
Boundary 3/4	*cal AD 696–799*	*cal AD 678–840*

Tab. 1. Internal phase-boundaries 2/3 and 3/4 in the four-phase model for Barber's Point.

The dates estimated for the latest two burials (in phase 4) are necessarily relatively imprecise in light of the state of the calibration curve as noted.

	68% probability	95% probability
G0600	*cal AD 769–845*	*cal AD 720–890*
G0518	*cal AD 772–895*	*cal AD 770–952*

Tab. 2. Highest posterior density estimates for G0600 and G0518 according to the four-phase model for Barber's Point.

Altogether, the results support the interpretation that the first of the burials at Barber's Point was G6039, which the radiocarbon date and modelling would put in the late 6th or possibly the early 7th century. The cemetery would then appear to have been in steady, if not frequent, use with at least ten further burials, probably over the course of a century leading up to around the year 700. With the remaining four burials in the one small row of phase 3 and then in phase 4 it is possible that burial was increasingly less regularly organized, both in chronological and in positional terms. However the date and character of the end of the cemetery remain rather obscure. It is possible, in modelling terms, to treat G0600 and G0518 at the end of the history of the cemetery as a sequence — effectively creating a fifth phase — but without in any significant way reducing the chronological uncertainty these two burials represent.

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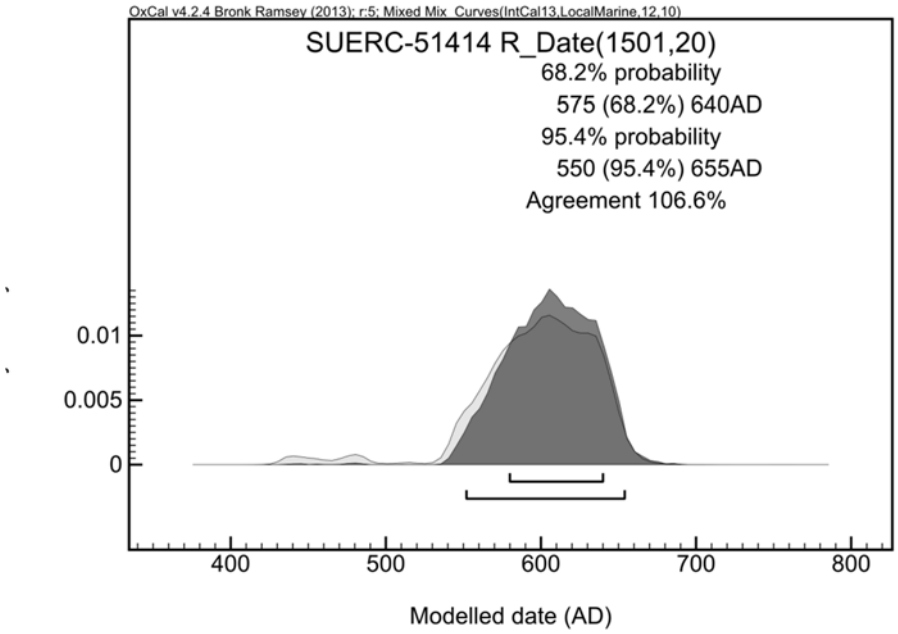
Appendix 14. Chronological modelling of the radiocarbon dates

Gordon Cook

I've looked at the stable isotope data and I understand why the lab calibrated the age using the terrestrial curve. The $\delta^{13}C$ value is right on the borderline for a value that I would consider to be from someone with a totally terrestrial diet. However, the $\delta^{15}N$ value is a little higher than I would expect. I've re-calibrated the age using a % marine component of 12 ± 10 (based on a linear interpolation between a marine end member of -12.5‰ and a terrestrial end-member of -21‰) and a ΔR value of 0 ± 50. The plot is attached and at 95.4% confidence gives a date range of mid-6th to mid-7th century.



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