Appendix 1: Context data

Summary list of contexts. The • symbols in the columns at the right indicate the presence of finds of the following types: P pottery, B bone, M metals, F flint, S stone, O other materials.

No	Feature	Area	Description	P	B	M	F	S	O
F1		All	Field and land drains			•			
F2		All	Plough scarring	•					
F3		A	Cut of shallow gully						
4	F3	A	Fill of shallow gully						
F5		A	Cut of possible posthole truncating [F3]						
6	F5	A	Fill of possible posthole						
F7		A	Cut of shallow gully						
8	F7	A	Fill of shallow gully						
F9		A	Cut of possible stakehole in SW corner of [F7]						
10	F9	A	Fill of possible stakehole						
F11		A	Cut of very shallow rectilinear pit						
12	F11	A	Fill of pit						
0F13		A	Cut of shallow Linear butt end						
14	F13	A	Fill of butt ending Linear						
F15		A	Cut of possible posthole in base of [F13]						
16	F15	A	Fill of possible posthole						
F17		A	Cut of possible posthole in base of [F13]						
18	F17	A	Fill of possible posthole						
19	F20	A	Fill of shallow gully						
F20		A	Cut of shallow gully						
21	F22	A	Fill of possible posthole						
F22		A	Cut of possible posthole cutting west edge [F20]						
F23		A	Cut of ditch						
24	F23	A	Fill of ditch	•				•	
25	F23	A	Top fill of ditch						
F26		A	Cut of ditch						
27	F26	A	Fill of ditch						
F28		A	Cut of ditch						
29	F28	A	Top fill of ditch						
F30		A	Group of seven possible stakeholes in [F28]						
31	F26	A	Fill of ditch						
32	F26	A	Fill of ditch						
F33	F30	A	Cut of stakehole						
34	F33	A	Fill of stakehole						
F35	F30	A	Cut of stakehole						
36	F35	A	Fill of stakehole						
F37	F30	A	Cut of stakehole						
38	F37	A	Fill of stakehole						
F39	F30	A	Cut of stakehole						
40	F39	A	Fill of stakehole						
F41	F30	A	Cut of stakehole						
42	F41	A	Fill of stakehole						
F43		A	Cut of ditch						
44	F43	A	Final fill of ditch						
F45		A	Group of five stakeholes cutting [44]						
F46	F45	A	Cut of northernmost stakehole						
47	F46	A	Fill of stakehole						
F48	F45	A	Cut of central stakehole						
49	F48	A	Fill of stakehole						
F50	F45	A	Cut of south east stakehole						
51	F50	A	Fill of stakehole						

No	Feature	Area	Description	P	B	M	F	S	O
F52	F45	A	Cut of south west stakehole						
53	F52	A	Fill of stakehole						
F54	F45	A	Cut of southernmost stakehole						
55	F54	A	Fill of stakehole						
F56		A	Cut of north-south aligned ditch						
57	F56	A	Primary fill of ditch						
58	F56	A	Natural slumping of ditch cut	•				•	
59	F56	A	Silting up of ditch						
60	F102	A	Secondary fill of ditch [88]						
F61		A	Cut of butt end of ditch						
62	F61	A	Natural slumping of west side of butt end cut						
63	F61	A	Primary fill of butt end					•	
64	F61	A	Secondary fill of butt end						
65	F61	A	Final fill of butt end						
66	F28	A	Fill of ditch below (29)						
67	F28	A	Fill of ditch below (66)	•					
68	F28	A	Fill of ditch below (67)					•	
69	F43	A	Natural slumping of ditch edge						
70	F43	A	Primary fill of ditch					•	
F71		A	Cut of posthole in (63)						
72	F71	A	Fill of posthole						
F73		A	Cut of posthole west edge of [F61]						
74	F73	A	Fill of posthole						
75	F76	A	Fill of sheep burial		•				
F76		A	Cut of sheep burial						
F77		A	Cut of north-south aligned ditch						
78	F77	A	Primary fill of ditch					•	
79	F77	A	Fill of ditch above (78)		•				
80	F77	A	Fill of ditch above (79)						
F81		A	Cut of east-west aligned shallow Linear						
82	F81	A	Fill of shallow Linear						
F83		A	Cut of shallow gully butt end						
84	F83	A	Fill of shallow gully butt end						
85	F86	A	Fill of penannular feature, south terminus						
F86		A	Cut of penannular feature, south terminus						
87	F88	A	Fill of penannular feature north terminus						
F88		A	Cut of penannular feature north terminus						
F89		A	Cut of shallow ditch						
90	F89	A	Fill of shallow ditch						
F91		A	Cut of east-west aligned ditch						
92	F91	A	Fill of ditch	•				•	
F93		A	Cut of north-south aligned shallow ditch						
94	F93	A	Fill of ditch	•					
F95		A	Stakehole cutting bottom of [F93]						
96	F95	A	Fill of stakehole						
F97		A	Cut of east-west aligned ditch						
98	F97	A	Fill of ditch						
F99		A	Cut of shallow ditch						
100	F99	A	Clay fill of ditch						
101	F99	A	Sand fill of ditch						
F102		A	Cut of penannular ditch						
F103		A	Cut of naturally occurring hollow/treehole						
104	F103	A	Fill of naturally occurring hollow/treehole						
F105		A	Cut of oval shaped pit in centre of [F102]						
106	F105	A	Fill of pit						
107	F108	A	Fill of gully						
F108		A	Cut of northeast-southwest aligned gully						

No	Feature	Area	Description	P	B	M	F	S	O
109	F102	A	Top fill of penannular feature					•	
110	F102	A	Fill of ditch below (109)					•	
111	F102	A	Natural slumping in central section of ditch cut						
F112		A	Cut of north-south aligned ditch						
113	F112	A	Fill of ditch						
F114		A	Cut of north-south aligned ditch						
115	F114	A	Primary fill of ditch						
116	F114	A	Secondary fill of ditch (fine sand)						
117	F114	A	Tertiary fill of ditch (grey clay)						
118	F114	A	Quaternary fill of ditch (dark compacted)						
F119		A	Cut of north-south aligned ditch						
120	F119	A	Fill of ditch					•	
F121		A	Cut of north-south aligned linear ditch						
122	F121	A	Primary fill of linear ditch						
123	F121	A	Secondary fill of linear ditch						
F124		A	Cut of east-west aligned linear ditch						
125	F124	A	Fill of linear ditch						
126		A	Ditch fill						
127	F128	A	Fill of ditch						
F128		A	Cut of ditch						
129	F130	A	Fill of ditch cut by [F128]						
F130		A	Cut of ditch						
131	F132	A	Fill of shallow gully (terminus of [F108])						
F132		A	North terminus of shallow gully [F108]						
F133		A	Cut of posthole to southern edge of [F102]						
134	F133	A	Fill of posthole						
F135		A	Cut of northeast-southwest aligned Linear ditch						
136	F135	A	Fill of linear ditch					•	
137	F138	A	Fill of ditch				•		
F138		A	Cut of ditch (possible continuation of [F128])						
139	F140	A	Fill of ditch (large grey silty sand)						
F140		A	Cut of ditch (cutting [F138])						
F141		C	Cut of ditch on southern periphery						
142	F141	C	Top fill of ditch						•
143	F141	C	Bottom fill of ditch						
F144		A	Cut of ditch						
145	F144	A	Fill of ditch						
F146		C	Cut of east-west aligned ditch						
147	F146	C	Fill of ditch						
F148		A	Cut of north-south aligned ditch/gully						
149	F148	A	Fill of ditch/gully					•	
F150		A	Re-cut of [F148]						
151	F150	A	Fill of re-cut					•	
F152		A	Cut of north-south aligned large ditch/stream channel						
153	F152	A	Primary fill of large ditch						
154	F152	A	Natural blown sand fill of large ditch						
155	F152	A	Secondary fill of large ditch						
156	F152	A	Final fill of large ditch						
F157		A	Cut of shallow gully (cutting west of [F152])						
158	F157	A	Fill of shallow gully (dark yellow brown sand)						
159	F160	A	Fill of upper ditch						
F160		A	Cut of ditch						
F161		B	Cut of ditch in SW corner						
162	F161	B	Upper fill of ditch						
163	F161	B	Lower fill of ditch (containing wooden stake)		•				•
F164		A	Cut of ditch						

No	Feature	Area	Description	P	B	M	F	S	O
165	F164	A	Fill of ditch					•	
F166		A	Cut of ditch						
167	F166	A	Fill of ditch	•					
F168		A	Cut of ditch						
169	F168	A	Fill of ditch						
F170		B	Cut of gully						
171	F170	B	Fill of gully	•					
F172		B	Cut of north-south aligned ditch						
173	F172	B	Fill of ditch	•					
F174		B	Re-cut of ditch [F172]						
175	F174	B	Fill of re-cut	•	•				
F176		B	Cut of pit (cutting [F171])						
177	F176	B	Fill of pit						
178	F180	B	Upper fill of ditch	•	•				•
179	F180	B	Lower fill of ditch						
F180		B	Cut of ditch						
F181		B	Cut of east-west aligned ditch						
182	F181	B	Fill of ditch						
183	F184	B	Fill of gully	•					
F184		B	Cut of enclosure gully						
185	F186	B	Fill of gully						
F186		B	Cut of enclosure gully						
F187		B	Cut of gully						
188	F187	B	Fill of gully						
189	F187	B	Fill of gully				•		
190	F81	A	Fill of terminal [191]						
191	F81	A	Cut of ditch terminal, continuation of F81						
F192		B	Cut of north-south aligned ditch						
193	F192	B	Fill of ditch					•	•
194	F195	B	Fill of gully						
F195		B	Cut of enclosure gully						
196	F197	B	Fill of north-south aligned ditch					•	
F197		B	Cut of north-south aligned ditch						
F198		B	Cut of ditch						
199	F198	B	Fill of ditch	•					
F200		B	Re-cut of ditch [F198]						
201	F200	B	Natural slumping		•				
202	F200	B	Final fill of re-cut ditch	•	•				
203	F198	B	Secondary fill of ditch						
204	F198	B	Primary fill of ditch (organic matter)						
205	F207	B	Upper fill of ditch (grey orange sandy silt)						
206	F207	B	Lower fill of ditch (organic clay/silt)						
F207		B	Cut of ditch						
208	F197	B	Fill of north-south aligned ditch						
F209		B	Cut of east-west aligned ditch						
210	F209	B	Top fill of ditch	•				•	
211	F209	B	Second to final fill of ditch	•					
212	F209	B	Redeposited natural slumping						
213	F209	B	Fill of ditch (thick layer of grey clay)	•	•				
214	F209	B	Preserved reed bed in base of ditch (below (213))						
F215		B	Cut of ditch (continuation of [F187])						
216	F215	B	Primary fill of ditch						
217	F215	B	Secondary fill of ditch						
F218		B	Cut of ditch (continuation of [F192])						
219	F218	B	Fill of ditch						•
F220		B	Cut of enclosure gully						

No	Feature	Area	Description	P	B	M	F	S	O
221	F220	B	Fill of ditch terminus						
F222		B	Cut of ditch						
223	F222	B	Primary fill of ditch						
224	F222	B	Secondary fill of ditch	•		•			
F225		B	Re-cut of ditch [F222]						
226	F225	B	Fill of re-cut ditch						
F227		B	Cut of ditch (continuation of [F187])						
228	F227	B	Fill of ditch						
229	F232	B	Fill of ditch [F232]						
F230		B	Cut of ditch						
231	F230	B	Fill of ditch	•					
F232		B	Truncated linear ditch cut, original cut of [F198]						
F233		B	Cut of S-bend ditch (continuation of [F181])						
234	F233	B	Upper fill of s-bend ditch						
235	F233	B	Main fill of s-bend ditch	•					
236	F233	B	Fill of ditch under (235) (darker silt)						
237	F233	B	Fill of ditch (lighter silt in NW Section)						
238	F233	B	Bottom fill of ditch (peaty silt)						
F239		B	Cut of ditch						
240	F239	B	Fill of ditch						
F241		B	Cut of east-west aligned ditch						
242	F241	B	Fill of ditch						
243	F241	B	Fill of ditch	•				•	
244	F241	B	Fill of ditch						
245	F241	B	Fill of ditch						
F246		B	Alluvial deposit	•	•	•		•	•
247	F248	B	Pot buried in building foundation	•	•				
F248		B	Cut for buried pot						
F249		B	Cut of north-south aligned gully (cut by [F200])						
250	F249	B	Fill of gully	•				•	
F251		B	Cut of gully (parallel to east of [F249])						
252	F251	B	Fill of gully						
F253		B	Cut of ditch						
254	F253	B	Fill of ditch						
F255		B	Cut of northwest-southeast aligned ditch						
256	F255	B	Fill of ditch					•	
F257		B	Cut of N-S aligned gully						
258	F257	B	Fill of gully						
F259		B	Cut of SE-NW gully terminus (cut by [F251])						
260	F259	B	Fill of gully						
F261		B	Cut of E-W gully						
262	F261	B	Fill of gully						
F263		B	Cut of beam slot (eastside of building)						
264	F263	B	Fill of beam slot						
F265		B	Cut of ditch						
266	F265	B	Fill of ditch						
F267		C	Cut of ditch						
268		B	Terminal of [F198], cut by [F233]						
269		B	Fill of above						
F270		C	Cut of ditch						
271	F270	C	Redeposited natural fill of ditch [F267]						
272	F267	C	Cut of ditch						
273	F267	C	Fill of ditch [272]						
F274		B	Pond						
275	F270	C	Redeposited natural fill of ditch	•					
276	F270	C	Fill of possible animal burrow						
277	F270	C	Primary fill of ditch						

No	Feature	Area	Description	P	B	M	F	S	O
278	F270	C	Secondary fill of ditch						
F279		B	Cut of possible beam slot						
280	F279	B	Fill of beam slot including pot	•					
F281		B	Cut of boundary gully						
282	F281	B	Fill of F281						
F283		B	Cut of N-S linear ditch adjacent to well						
284	F283	B	Fill of N-S linear ditch	•				•	•
285	F274	B	Top fill of F274	•	•	•			•
286	F274	B	Secondary fill of F274	•					•
F287	F274	B	Pos timber shoring at base of F274						
288	F274	B	Redeposited natural in F274						
289	F274	B	Primary fill of F274						
F290		B	Cut of ditch						
291	F290	B	Fill of ditch						
292	F293	B	Fill of F293						
F293		B	Ditch cutting NE corner of building						
294	F295	B	Fill of F295	•					
F295		B	Beam slot in NE corner of building						
F296		B	Cut of terminal end of heavily truncated boundary ditch						
297	F296	B	Fill of F296						
F298		B	Cut for N-S gully parallel to F283						
299	F298	B	Fill of F298						
F300		B	Cut for N-S gully						
301	F300	B	Fill of F300						
302	F303	C	Fill of possible animal pen (oval shaped feature)						•
F303		C	Cut of possible animal pen						
F304		B	Cut of posthole next to sump						
305		B	Fill of F304						
306	F303	B	Organic deposit in F303						
307	F308	B	Fill of F308						
F308		B	Beam slot, N side of building						
309	F310	B	Fill of F310						
F310		B	Re-cut of F379						
311	F312	B	Fill of F312	•					
F312		B	Beam slot, W side of building						
F313		B	Cut of gully						
314		B	Fill of F313	•					
F315		B	Cut of gully						
316		B	Fill of F315						
F317		C	N-S aligned ditch cut						
F318		C	1805 boundary ditch						
319	F320	B	Fill of F320						
F320		B	Bean slot, W side of building						
F321		B	Internal beam slot?						
322	F321	B	Fill of F321						•
F323		B	Cut for N-S gully						
324	F323	B	Secondary fill ofF323	•					
325	F323	B	Primary fill of F323						
326	F259	B	Fill of F327						
327	F259	B	Terminus of drainage gully						
F328		B	Posthole SW of area B						
329	F328	B	Fill of posthole						
F330		B	Ditch cut SW of B						
331	F330	B	Fill of F330						
332	F333	B	Fill of F333						
F333		B	Pit filled with pot at S end of F321						

No	Feature	Area	Description	P	B	M	F	S	O
334	F251	B	Cut for gully						
335	F251	B	Fill of gully	•					
336	F317	C	Ditch cut						
337	F317	C	Primary fill of F317						
338	F318	C	Primary fill of F318						
F339		C	Ditch W of slot in 1805 ditch						
340	F339	C	Fill of F339						
341	F336	C	Fill of F336						
342	F336	C	Fill of F336						
343			- VOID -						
344			- VOID -						
F345		B	Internal beam slot						
346	F345	B	Fill of F345	•				•	•
F347		B	Circular enclosure with possible entrance (Haystack gully)						
348	F347	B	Fill of F347						
349	F350	B	Fill of F350	•					
F350		B	Pit containing perforated pot						
F351		B	Shallow gully cutting F347						
352	F351	B	Fill of F351						
F353		C	Ditch cut						
354	F353	C	Fill of F353						
355	F353	C	Fill of F353						
F356		C	Ditch cut						
F357		C	Fill of F356						
358	F357	C	Fill of F356						
F359		B	Internal beam slot						
360	F359	B	Fill of F359						•
361	F359	B	Clay floor lining of F359						
F362		B	Cut of posthole outside F347 enclosure						
363	F362	B	Fill of F362						
F364		B	Cut of rectilinear posthole inside F347 enclosure						
365	F364	B	Fill of F364	•					
366	F367	B	Fill of N-S aligned Linear ditchF367						
F367		B	Cut of N-S Linear ditch						
368	F369	B	Fill of E-W Linear ditch F369	•					
F369		B	Cut of enclosure ditch						
370	F371	B	Fill of F371						
F371		B	Ditch recut butt end, cutting NW corner of building						
372	F373	B	Fill of F373						
F373		B	Cut of E-W Linear ditch						
374		B	Deposit overlying 366, 368, within F367 + F369	•					
375	F377	B	Upper fill of F377						
376	F377	B	Lower fill of F377						
F377		B	Re-cut of F379						
378	F379	B	Fill of F379						
F379		B	Cut of curvilinear enclosure ditch						
380	F373	B	Primary fill of F373	•				•	
381	F359	B	Fill of F359						•
382	F359	B	Fill of F359						
383			- VOID -						
F384		C	Cut for track ditch						
385	F384	C	Primary fill of F384	•	•				
386	F384	C	Secondary fill of F384						
387			- VOID -						
F388	F303	C	Western part of enclosure F303						

No	Feature	Area	Description	P	B	M	F	S	O
389	F388	C	Secondary fill of F388						
390	F388	C	Primary fill of F388						
F391		C	Posthole in S end of F388						
392	F303	C	Primary fill of F303						
F393		B	Hard packed surface of clay						
394	F393	B	Fill of F393	•					
F395		C	Curving trackway						
F396		C	Ditch, extension of F330						
397	F396	C	Fill of F396						
398	F396	C	Clay fill						
F399		B	General context for building						
F400		B	Curved ditch in SW corner of enclosed area						
401	F400	B	Secondary fill of [400]	•					
402	F400	B	Primary fill of [400]						
F403		B	Cut of ditch on E-W alignment						
404	F403	B	Fill of ditch F403						
F405		B	Shallow gully on same alignment as F400						
406	F405	B	Fill of F405						
F407		B	Cut of boundary gully						
408		B	Fill of ditch F407						
F409		B	Slot dug to connect F407 and F400						
410	F409	B	Fill of F409					•	
411		C	Primary fill of [F388]						
412			-VOID-						
F413		B	Cut of ditch						
414	F413	B	Fill of F413						
F415		C	E-W gully cut						
F416			- VOID -						
F417		C	Cut of track ditch						
418	F415	C	Primary fill of F415						
419	F417	C	Primary fill of F417						
420	F417	C	Secondary fill of F417						
421		B	- VOID -						
422	F416	B	- VOID -						
F423		B	Cut of small gully						
424	F423	B	Fill if F423						
F425		B	Ditch cut						
426	F425	B	Fill of F425						
427		B	- VOID -	•					
428	F395	C	Fill of F395						
429	F395	C	Fill of F395						
430	F395	C	Fill of F395						
431	F431	C	Trackway ditch (east)						
432	F431	C	Fill of F431						
433	F431	C	Fill of F431						
434	F431	C	Fill of F431						
F435		C	Trackway ditch (west)						
436	F435	C	Fill of F435						
437	F435	C	Fill of F435						
438	F435	C	Fill of F435						
F439		C	Gully F439						
440	F439	C	Fill of F439						
441	F439	C	Fill of F439						
442	F439	C	Fill of F439						
443			- VOID -						
F444		B	Cut of ditch NW part of trench B						
445	F444	B	Fill of ditch						

No	Feature	Area	Description	P	B	M	F	S	O
F446		B	Cut of ditch abutting F444						
447	F446	B	Fill of ditch F446						
448		A	Fill of circular feature				•		
449		A	Cut of circular feature						
450		B	Ditch cut						
451		B	Ditch cut						
F452		C	Ditch terminus						
453		C	Fill of F452						
454		C	Cut to place re-deposited natural 'step', [F454]						
455		C	Recut of ditch terminal						
F456		B	Cut for butt end of ditch S of building						
457	F456	B	Primary fill of F456						
458	F456	B	Secondary fill of F456						
F459		B	Cut of ditch SE of building						
460	F459	B	Fill of F459	•					
F461		B	Cut of N-S aligned ditch						
462	F461	B	Primary fill of F461	•					
463	F461	B	Secondary fill of F461						
F464		B	Original cut of E-W boundary trackway ditch						
F465		B	Original cut of N-S boundary trackway ditch						
F466			- VOID -						
F467		B	Recut of F465						
F468		B	Cut at base of F367						
469	F468	B	Fill of F468						
470			- VOID -						
471		B	Fill of F470						
472	F450	B	Primary fill of [450]						
473	F451	B	Uppermost (slump) fill of [451]						
474	F451	B	Main (secondary) fill of [451]						
475	F451	B	Primary fill of [451]						
476	F450	B	Upper fill of [450]						
477	F450	B	Secondary fill of [450]						
F478		B	Linear E-W ditch						
479	F478	B	Fill of F478	•					
F480		B	Linear E-W ditch						
481	F480	B	Fill of F480						
482	F467	B	Fill of F467						•
483	F465	B	Fill of F465	•					
484	F466	B	Primary fill of F466	•					
485	F466	B	Secondary fill of F466	•					
486	F466	B	Upper fill of F466						
F487		B	Cut of ditch						
488	F487	B	Fill of F487						
F489		B	Cut of boundary ditch building NW corner						
490	F489	B	Fill of F489						
F491		B	Recut of ditch F489						
492	F491	B	Fill of F491						
F493		B	Gully cut						
494	F493	B	Fill of F493						
495	F480	B	Fill of F480						
496	F102	A	Fill of 86						
497	F498	B	Fill of ditch F498						
F498		B	Ditch cut, continuation of F181						
F499		All	Natural						
F500		B	Lower alluvium layer				•		
501	F23	A	Slumped natural fill of F23, E side						
502	F23	A	Slumped natural fill of F23, W side						

No	Feature	Area	Description	P	B	M	F	S	O
503	F180	B	Primary (slump) fill of ditch [F180]						
504	F184	B	Fill of gully [F505]						
505	F184	B	Gully cut, truncated by [F195]						
506	F197	B	Ditch cut, continuation of [F197], filled by [208]						
507	F449	A	Fill of circular feature, Sn #61						
508	F449	A	Cut of circular feature, Sn #61						
509	F449	A	Fill of circular feature, Sn #62						
510	F449	A	Cut of circular feature, Sn #62						

Appendix 2: Data tables

Table 2.1: Main pottery fabric classes

Fabric	Class	No%	MnR%
F00	Fine ware	1.0%	2.2%
G00	Gritty wares	51.7%	34.8%
M00	Mortaria	5.5%	6.5%
O00	Oxidised	2.5%	6.5%
R00	Reduced	38.8%	50.0%
Z00	Medieval	0.5%	0.0%
N		**201**	**46**

Table 2.2: Pottery fabric type

Fabric	Common Name	National	No%	MNR%
F01	Nene Valley Colour Coat	LNV CC	0.5%	2.2%
F09	Crambeck parchment ware	CRA PA	0.5%	0.0%
G00	Hand Made Gritted ware		3.0%	0.0%
G01	East Yorkshire Calcite Gritted Ware	HUN CG	48.3%	34.8%
G16	Dales ware	DAL SH	0.5%	0.0%
M01	Mancetter-Hartshill Mortaria	MAH WH	0.5%	2.2%
M09	Crambeck Mortaria	CRA WH	1.0%	2.2%
M11	South Yorkshire Mortaria		4.0%	2.2%
O11	South Yorkshire Oxidised		2.5%	6.5%
R00	Reduced Wares		6.5%	4.3%
R01	Smooth Grey ware, often with a black slip		10.0%	13.0%
R09	Crambeck grey ware	CRA RE	11.4%	17.4%
R10	South Yorkshire Reduced		10.9%	15.2%
Z30	Medieval		0.5%	0.0%
N			***201***	***46***

Table 2.3: Approximate functional analysis of the assemblage of pottery by minimum numbers of rims

CJ	J	WMJ	SJ	M	B	D	*N*
2.2%	45.7%	6.5%	4.3%	6.5%	26.1%	8.7%	*46*

Table 2.4: Spot dating

The spot dates given are to serve as *termini post qua* for succeeding deposits. They are based on the latest material in each deposit. Dates are arrived at from the pottery without regard to the stratigraphic sequence.

Context	Fabric	Form	Date	Context Date
1	r10			Roman
24	r10	stick on loop Handle		Roman
58	R10			Roman
67	g00	hand made	ia/rom	IA/ Roman
92	R10			Roman
94	G00			Roman
167	z30		C15+	Medieval
171	g01		c4	
171	g00	handmade greyware jar base	c4	

Context	Fabric	Form	Date	Context Date
171	F09	red slip parchment ware bowl base	c4	c4
173	r09	jar or beaker base - poss r09	285-400+	
173	r09	Simple rim Dish	285-400+	
173	M01	Mancetter-Hartshill reeded hammerhead mort red paint dec slightly concave	lc3-mc4	285-340/60
175	g01		c4	Roman
178	r10	wmj everted horizontal rim		Roman
183	g01		c4	Roman
199	g00			c4
199	g01			
199	r00			c4
199	R00	developed bead and flange bowl	285-400+	
199	r01	smooth grey ware strainer Jar base	340-360	mc4
202	g01	slightly lid seated everted rim jar with squared tip	320-370	
202	g01			
202	r01			mc4
210	g16	Dales ware		
210	g01	S-Bend	300-340	
210	r01			
210	r01	Large Jar base		
210	r09		285-400+	
210	r09	developed bead flange bowl type 1	285-400+	
210	r09	type 11 jar	285-400+	
210	r10			
210	r10	flange rim wide mouth bowl or jar		
210	r10	cj with hooked undercut rim and internal lid seating large		
210	r10	necked beaded storage jar rim		early to mid C4
211	g01	lid seated jar with everted rim and squared tip g01 or shell temperd	320-370	early to mid C4
213	go1	proto-huntcliff Jar	340-360	mid C4
213	go1			
224	t00			c4
231	r10			Roman
235	r09	Developed beaded and flange bowl	285-400+	
235	f01	Developed beaded and flange bowl	c4	second half of c4
243	r10	triangular sectioned flange rim bowl much eroded s yorks gw	c2?+	c2?
246	M11			
246	M09	Crambeck mortaria	e-mc4	E-M C4
246	O11	S Yorks Oxidised ware		
246	O11	Drag 38 Copy	LC2+	Lc2+
246	r09		285-400+	
246	r09	developed bead and flange bowl rim	285-400+	
246	r10	s yorks grey ware		E/M C4
246	r01	wmj in a smooth grey ware with black slip surfaves		
246	r01	a tall necked jar with hooked rim in a smooth greyware black slip surfaces		

Context	Fabric	Form	Date	Context Date
246	r01	developed bead flange bowl,black slip surfaces	270-400+	lc3-mc4
247	g01	Jar	C4?	
247	g01			C4
250	g01?		c4	c4
275	t00?			Roman
280	g01	proto-huntcliff Jar	340-360	
280	g01	s bend	300-340	
280	g01	Dish		
280	g01	Dish		
280	r09	type 1b flanged bowl	350-400	
280	r09	bead rim dish	320-360	
280	r09		285-400+	
280	go1			
280	G01			mC4
284	M11	heavily worn sy mort		
284	O11	sy ox ware		roman
285	r01	smooth gw with black slip		roman
286	R01	hard clean gw		
286	r10	everted outcurving thickend large jar rim in sy gw		Roman
294	r10	sooted groove rim dish	c2?+	C2+
311	g01		c4	C4
314	r10?			Roman
314	r09		285-400+	285-400+
324	g01	proto huntcliff jar rim	340-60	340-360
335	g01		340+	340+
346	r09	Flanged rim bowl	285-400+	
346	r00	hooked jar rim		285-400+
365	R10			Roman
374	R01			Roman
380	r01	Storage jar with black slip surfaced		Roman
385	g01		c4	c4
394	g01		c4	c4
401	r09	closed form	285-400+	285-400+
427	r10			Roman
460	M11	South Yorkshire Mortaria		
460	m11	South Yorkshire Mortaria		Roman
460	O11	South Yorks Oxidised ware Drag 38 Copy		Second Half second century
462	r10	s yorks gw		
462	g01	E yorks cgw		
462	g01	hand made gritted war jar base	c3-c4	c3-c4
479	r10			Roman
483	O11	Reeded rimmed segmental bowl	Lc1-eC2	Lc1-eC2
484	r09		285-400+	285-400+
484	r00	black slip surfaces strainer base	holes drilled post coctuerim	Roman
485	r01	necked jar with everted nr horizontal rim I smooth gw with black slip surfaces		Roman
f2	st20	limestone discarded 1		
f2	r01	necked jar with everted slightly undercut rim		

Context	Fabric	Form	Date	Context Date
f2	M09	Type 7 painted parchmnet in the sandier earlier fabric	350-70	350-70
us	g01			
us	r01			
us	o00			
us	r10			
us	r09		285-400+	
us	st00?	burnt lime stone -1		

Table 2.5: Animal bone

Context	Species	Element	Comments
75	Sheep	Partial skeleton	Recent? Epiphyses suggest aged 1-2 years
79	Sheep/goat	Vertebrae	Probably from above
163	Cattle	Horn cores & tooth	Possibly the remains of a skull. Fragments heavily encrusted with iron pan
175	Indeterminate	Fragments	
178	Cattle	Tooth	Enamel fragments
202	Sheep/goat	Maxilla	Heavily encrusted iron pan &/or cess
213	Indeterminate	Fragment	
246	Cattle	Tooth	Enamel fragments
285	Cattle	Tooth	Enamel fragments
385	Cattle	Tooth	Enamel fragments

Table 2.6: Metal and stone objects examined with recommendations for conservation and illustration

SF	Context	Material	Quantity	Description	X-ray	Illust	Conservation
1	394	Fe	1	fe object or nail fragment	5747	?	Y
	175	Fe	3	2 poss nails & 1 fragmentary socketed object	5747	Y	Y
	202	Fe	4	four ?nail frags. 1 has lighter specks at one broken end	5745	?	Y
	246	Fe	2	fe strip/bar frag and unidentified fe fragment	5749		
	285	Fe	2	horseshoe fragment in two pieces (post-med)	5748		
	231	Fe	1	complete horseshoe (post med), nails *in situ*	5745 & 5744b		
	231	Fe	1	broken oval chain link	5749	Y	Y
2	346	?Shale	1	Segmented bead with incised decoration. Possibly unfinished. Late Romano-British		Y	Y
	202	Stone	1	one firecracked cobble fragment with one dished face. No signs of wear.			
	210	Stone	1	flat firecracked limestone fragment with one rounded end remaining. Both faces flat and fairly smooth. Abrasion around the original edges, possibly result of use			
	246	Stone	1	unworked stone with fossils			
	246	Stone	3	3 firecracked stone fragments. Each has one very flat smooth face but with no obvious signs of working			
	367	Stone	1	unworked stone fragment			
	29	Stone	1	unworked stone fragment			

Table 2.7: Pot boilers by context

Context	No
24	6
29	1
38	1
44	2
58	1
63	1
67	1
68	1
70	1
78	2
92	1
107	1
110	1
120	3
136	1
149	1
151	1
162	1
163	1
165	1
178	1
193	1
196	1
243	1
246	1
250	2
256	1
284	1
346	1
410	1
448	1

Table 2.8: Conservation assessment

Cont	SF	Mat	Obj	Cond	Qu	Obs	XR no
u/s		Iron	horseshoe	hc/st	1		5745/46
u/s		Iron	?	hc/st	1		5749
u/s		Iron	?farm implement	mc/st	1	too big for XR	none
29		Stone	?smoothing stones	st	2		none
137		Flint	fragment	st	1		none
142		Glass	bottle frag	st	1	pale grn clear	none
175		Iron	?	mc/st	3		5747
178		Charcoal	fragments	st	>5		none
178		Ind res	fragments	hc/st	5		5749
189		Flint	blade	st	1		none
202		Iron	?nail fragments	hc/st	4		5746
202		Stone	worked frag	st	1		none
210		Stone	?whetstone	st	1		none
210		Stone	quern frag	st	1		none
224		Iron	plough blade frags	mc/st	2	modern	none
231		Iron	Oval chain link	st	1		none
231		Iron	Horeshoe	St	1		none
246		Stone	whetstone fragments	st	4		none
246		Stone	quern frag	st	1		none
246		Ind res	fragment	st	1		none
246		Iron	?	hc/st	2		5749

Cont	SF	Mat	Obj	Cond	Qu	Obs	XR no
280		Charcoal	?burnt object	st	>5		none
284		Stone	?worked frag	st	1	heat affected	none
285		Iron	?	hc/st	2	broken	5748
286		Glass	vessel fragment	st	1	grn/blue clear	none
302		Ind res	fragment	st	1		none
322		?Daub	fragments	st	1234g		none
346		?Jet	?button	st	1		none
360		?Daub	fragments	st	472g		none
367		Stone	?whetstone	st	1		none
372		Ind res	fragment	st	1		none
381		?Daub	fragments	st	611g		none
394		Iron	?	hc/st	1		5747
448		Flint	flake	st	1		none
482		Glass	flat fragment	st	1	grn/clear	none
500		Flint	scraper	st	1		none

Table 2.9: Data from plant macrofossil assessment

Fill		ditch	ditch	pit	ditch	water channel/ditch	water channel/ditch	ditch	ditch	posthole	boundary ditch	boundary ditca	boundary ditch	boundary ditch	boundary ditch	ditch
Context		78	92	106	110	117	118	120	123	134	137	145	159	167	169	448
Sainple		1	9	7	6	3	4	5	2	8	10	14	11	12	13	45
Material available for radiocarbon dating		✓	-	-	✓	-	✓	-	(✓)	-	-	✓	(✓)	-	-	-
Volume processed (l)		27	18	8	?	9	19	14	22	6	18	20	25	21	22	16
Volume of flot (ml)		15	20	7	10	7	10	5	7	5	22	20	20	20	20	10
Volume of flot assessed (ml)		15	20	7	10	7	10	5	7	5	22	20	20	20	20	10
Residue contents (relative abundance)																
Charcoal		2	-	2	2	1	2	-	1	1	2	2	2	-	1	1
Coal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Coal shale		-	1	1	-	1	-	-	-	-	-	-	1	-	-	1
Daub		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hammerscale		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heather stems (charred)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wood		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Flot matrix (relative abundance)																
Charcoal		3	1	1	1	-	1	1	1	1	1	1	1	2	2	2
Clinker		1	-	-	-	-	-	-	-	-	1	1	-	1	1	-
Coal		-	1	1	1	-	-	1	-	-	1	1	-	1	2	-
Coal shale		2	-	1	-	2	-	-	1	-	-	-	-	-	-	-
Heather stems (charred)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Insecta		1	-	1	1	-	-	-	1	-	-	1	-	-	1	-
Insecta (Trichoptera - Caddis Flies)	tubular larvae cases	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Isopoda (Woodhce)		-	-	-	1	-	-	-	3	-	-	-	-	1	-	-
Lumbricus spp (earthworm)	cocoons	1	2	-	-	1	-	-	2	-	-	-	-	2	-	2
Monocot stems (charred)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pot sherds (total no.)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pre-Quatemary *spores*		2	2	1	1	3	3	-	-	-	1	-	1	1	-	1
Rhizomes / tubers (charred)		-	1	-	-	-	-	1	-	-	1	-	-	-	-	-
Roots (modem)		-	1	2	-	1	1	1	1	2	1	1	2	2	1	1
Seeds (uncharred)		2	3	2	2	1	1	2	3	1	1	2	-	3	2	2
Semi-vitrified fuel waste		-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
Vegetative material	buds	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vegetative material	bud scales	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vegetative material	leaves	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vegetative material	miscellaneous	-	-	2	-	1	-	1	1	-	-	-	-	-	-	1
Vegetative material	thorns	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vegetative material	twigs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wood	frag.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Charred remains (relative abundance)																
(c) *Avena* spp (oat species)	grain	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(c) *Hordeum* spp (Barley species)	grain	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(c) *Hordeum vulgare* (6-row Barley)	grain - asymmetrical	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(c) *Hordeum* spp (Hulled Barley)	grain	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(c) *Secale cereale* (Rye)	grain	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(c) *Triticum spelta* (Spelt Wheat)	glume base	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(c) *Triticum spelta or Ti dicoccum* (Spelt or Emmer wheat)	glume base	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(c) *Triticum spelta or Ti dicoccum* (Spelt or Emmer Wheat)	spikelet fork	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(c) *Triticum* spp (Wheat species)	grain	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-
(c) Cerealia indeterminate	grain	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(c) Cerealia indeterminate	rachis fragment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(g) *Arrhenatherum elatius* ssp *bulbosum* (False Oat-grass)	tuber	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(r) *Plantago lanceolata* (Ribwort Plantain)	seed	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(r) *Stellaria media* (Common Chickweed)	seed	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(w) *Carex* spp (Sedges)	biconvex nutlet	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(w) *Juncus effusus-type* (Rushes)	seed	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(x) Brassicaceae undifferentiated (Cabbage family)	seed	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
(x) *Bromus* spp (Brome grass)	caryopsis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(x) Cenococcum *geophilum* (soil fungus)	sclerotia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(x) Fabaceae undifferentiated (Pea family)	seed	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(x) *Potentilla* spp (Cinquefoils)	achene	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
(x) *Ranunculus* subgenus *Ranunculus* (Buttercup)	achene	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(x) *Rumex* spp (Dock)	nutlet	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(x) *Vicia* spp (vetch)	seed	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(x) *Viola spp* (Violet)	seed	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indeterminate	seed	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indeterminate	nutshell/fruitstone frag.	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
Uncharred remains (relative abundance)																
(x) Cenococcum *geophilum* (soil fungus)	sclerotia	4	4	3	3	-	-	-	4	4	3	-	-	2	-	-

[a-arable; c-cultivated; g-grassland; r-ruderal; w-wetland; x-wide niche]. Relative abundance is based on a scale from 1 (lowest) to 5 (highest). (✓) there may be insufficient carbon present for radiocarbon dating

Fill		boundary ditch	secondary ditch fill	primary ditch fill	ditch	enclosure ditch	N-S ditch (Knot)	E-W ditch (Knot)	trackway/enclosure ditch (Knot)	enlargement enclosure	alluvial lens	beam slot	N-S ditch
Context		179	162	163	193	196	204	206	214	231	246	280	284
Sample		16	17	18	19	22	20	21	48	23	24	25	26
Material available for radiocarbon dating		-	-	-	-	-	-	-	-	-	✓	(✓)	-
Material remaining		-	-	✓	✓	-	-	✓	-	-	-	-	-
Volume processed (l)		27	28	9	10	16	<0.5	8	5	25	30	20	8
Volume of flot (ml)		20	20	30	10	20	30	30	1000	50	30	20	125
Volume of flot assessed (ml)		20	20	30	10	20	30	30	100	50	30	20	125
Residue contents (relative abundance)													
Bone (burnt)	indet. frag.	-	-	1	1	-	-	-	-	-	-	-	-
Bone (calcined)	indet. frag.	-	-	1	2	-	-	-	-	-	1	-	-
Bone (unburnt)	indet. frag.	-	-	2	-	-	-	-	-	-	-	1	-
Charcoal		1	-	1	2	2	1	1	-	1	1	2	-
Clinker		-	-	-	-	-	-	-	-	-	1	-	-
Coal		1	-	-	-	-	-	-	-	1	-	-	1
Coal shale		1	-	-	-	-	-	-	-	1	3	-	1
Copper alloy item (total no.)		-	-	-	-	-	-	-	-	-	-	-	-
Daub		-	-	-	-	-	-	-	-	-	-	-	-
Glass (total no. shards)		-	-	-	-	-	-	-	-	-	1	-	-
Hammerscale		-	1	-	-	-	-	-	-	-	-	-	-
Heather stems (charred)		-	-	-	-	-	-	-	-	-	-	-	-
Metal dust		1	-	-	-	-	-	-	-	-	1	1	-
Metal object (total)		-	-	-	-	-	-	-	-	-	-	-	-
Pot sherds (total no.)		-	1	1	-	-	-	-	-	-	5	3	-
Semi-vitrified fuel waste		-	-	-	-	1	-	-	-	-	1	-	-
Teeth (total no.)		-	-	-	-	-	-	-	-	-	1	-	-
Tooth enamel	frag.	-	-	-	-	-	-	-	-	-	-	-	-
Wood		-	-	-	-	-	-	-	-	-	-	-	-
Flot matrix (relative abundance)													
Bone (burnt)	indet. frag.	-	-	-	-	-	-	-	-	-	-	-	-
Bone (unburnt)	indet. frag.	-	-	1	-	-	-	-	-	-	-	-	-
Charcoal		2	1	2	1	1	1	1	2	1	3	1	2
Clinker		2	1	1	-	-	-	-	-	1	1	-	1
Coal		2	2	1	-	1	1	-	2	1	2	1	2
Coal shale		-	1	1	-	-	-	-	-	-	-	-	-
Heather stems (charred)		-	-	-	-	-	-	-	-	-	-	-	-
Insecta		-	-	-	1	-	1	-	4	1	1	-	2
Insecta (Trichoptera - Caddis Flies)	tubular larvae cases	-	-	-	-	-	-	-	1	-	-	-	1
Isopoda (Woodhce)		-	-	-	-	-	-	-	-	-	1	-	-
Lumbricus spp (earthworm)	cocoons	-	2	-	-	-	-	-	-	-	-	1	-
Monocot stems (charred)		-	-	-	-	-	-	-	-	-	-	-	-
Pot sherds (total no.)		-	-	-	-	-	-	-	-	-	-	-	-
Pre-Quaternary *spores*		1	-	1	-	-	-	-	-	1	-	1	-
Rhizomes / tubers (charred)		-	-	-	-	1	-	-	-	-	-	1	-
Roots (modern)		1	3	2	1	2	1	2	2	-	2	1	2
Seeds (uncharred)		2	3	1	3	2	2	1	4	1	4	3	2
Semi-vitrified fuel waste		1	1	-	-	-	-	-	2	-	-	-	-
Vegetative material	buds	-	-	-	-	-	2	-	3	-	-	-	1
Vegetative material	bud scales	-	-	-	-	-	-	-	-	-	-	-	-
Vegetative material	leaves	-	-	-	-	-	-	-	-	-	-	-	-
Vegetative material	miscellaneous	1	-	-	2	-	3	3	6	-	1	1	3
Vegetative material	thorns	-	-	-	-	-	-	-	-	-	-	-	1
Vegetative material	twigs	-	-	-	-	-	-	-	-	-	-	-	-
Wood	frag.	-	-	-	-	-	-	-	1	-	-	-	-
Charred remains (relative abundance)													
(c) *Avena* spp (oat species)	grain	-	-	-	-	-	-	-	-	-	1	-	-
(c) *Hordeum* spp (Barley species)	grain	-	-	-	-	-	-	-	-	-	-	-	-
(c) *Hordeum vulgare* (6-row Barley)	grain - asymmetrical	1	-	-	-	-	-	-	-	-	-	-	-
(c) *Hordeum* spp (Hulled Barley)	grain	-	-	-	-	-	-	-	-	-	-	-	-
(c) *Secale cereale* (Rye)	grain	-	-	-	-	-	-	-	-	-	-	-	-
(c) *Triticum spelta* (Spelt Wheat)	glume base	-	-	-	-	-	-	-	1	-	-	-	-
(c) *Triticum spelta* or *T. dicoccum* (Spelt or Emmer wheat)	glume base	-	-	-	-	-	-	-	-	-	-	-	-
(c) *Triticum spelta* or *T. dicoccum* (Spelt or Emmer Wheat)	spikelet fork	-	-	-	-	-	-	-	1	-	-	-	-
(c) *Triticum* spp (Wheat species)	grain	-	-	-	-	-	-	-	-	-	-	-	-
(c) Cerealia indeterminate	grain	1	-	-	-	-	-	-	-	-	1	1	-
(c) Cerealia indeterminate	rachis fragment	-	-	-	-	-	-	-	-	-	-	-	-
(g) *Arrhenatherum elatius* ssp *bulbosum* (False Oat-grass)	tuber	-	-	-	-	-	-	-	-	-	-	-	-
(r) *Plantago lanceolata* (Ribwort Plantain)	seed	-	-	-	-	-	-	-	-	-	-	-	-
(r) *Stellaria media* (Common Chickweed)	seed	-	-	-	-	-	-	-	-	-	-	-	-
(w) *Carex spp* (Sedges)	biconvex nutlet	-	-	-	-	-	-	-	-	-	-	-	-
(w) *Juncus effusus-type* (Rushes)	seed	-	-	-	-	-	-	-	-	-	-	-	-
(x) Brassicaceae undifferentiated (Cabbage family)	seed	-	-	-	-	-	-	-	-	-	-	-	-
(x) *Bromus* spp (Brome grass)	caryopsis	2	-	-	-	-	-	-	-	-	-	-	-
(x) Cenococcum *geophilum* (soil fungus)	sclerotia	-	-	-	-	-	-	-	-	-	-	-	-
(x) Fabaceae undifferentiated (Pea family)	seed	-	-	-	-	-	-	-	-	-	-	-	-
(x) *Potentilla* spp (Cinquefoils)	achene	-	-	-	-	-	-	-	-	-	-	-	-
(x) *Ranunculus* subgenus *Ranunculus* (Buttercup)	achene	-	-	-	-	-	-	-	-	-	-	-	-
(x) *Rumex* spp (Dock)	nutlet	-	-	-	-	-	-	-	-	-	-	-	-
(x) *Vicia* spp (vetch)	seed	-	-	-	-	-	-	-	-	-	-	-	-
(x) *Viola* spp (Violet)	seed	-	-	-	-	-	-	-	-	-	-	-	-
Indeterminate	seed	-	-	-	-	-	-	-	-	-	-	-	-
Indeterminate	nutshell/fruitstone frag.	-	-	-	-	-	-	-	-	-	1	-	-
Uncharred remains (relative abundance)													
(x) Cenococcum *geophilum* (soil fungus)	sclerotia	-	4	2	3	2	-	-	2	1	4	3	2

[a-arable; c-cultivated; g-grassland; r-ruderal; w-wetland; x-wide niche]. Relative abundance is based on a scale from 1 (lowest) to 5 (highest). (✓) there may be insufficient carbon present for radiocarbon dating

Waterlogged contexts

Fill		pond	pond	post hole	posthole	beam slot	drainage gully	drainage gully	shallow pit	primary pit fill	upper fill of beam slot	secondary fill of beam slot	ditch	ditch	ditch
Context		286	289	305	306	322	324	335	363	365	381	382	402	469	471
Sample		27	28	30	31	32	34	35	43	42	40	41	44	46	47
Material available for radiocarbon dating		(✓)	-	(✓)	-	✓	(✓)	(✓)	✓	-	(✓)	✓	(✓)	-	✓
Material remaining		✓	-	✓	✓	-	-	-	-	-	-	-	-	-	-
Volume processed (l)		10	9	8	8	144	5	10	10	13	140	680	20	30	12
Volume of flot (ml)		200	100	30	20	1000	5	20	100	15	450	400	25	100	30
Volume of flot assessed (ml)		50	100	30	20	200	5	20	100	15	100	200	25	100	30
Residue contents (relative abundance)															
Bone (burnt)	indet. frag.	-	-	-	-	-	1	-	-	-	-	-	-	-	-
Bone (calcined)	indet. frag.	-	-	-	-	-	-	-	-	1	-	-	-	-	-
Bone (unburnt)	indet. frag.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Charcoal		-	-	-	-	6	2	1	2	-	4	4	2	1	2
Clinker		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Coal		1	-	-	-	-	1	1	-	-	-	-	-	-	-
Coal shale		1	-	1	-	1	1	2	-	-	-	-	-	1	-
Copper alloy item (total no.)		-	-	-	-	-	-	-	-	2	-	-	-	-	-
Daub		-	-	-	-	1	-	-	-	-	4	4	-	-	-
Glass (total no. shards)		-	-	-	-	-	-	-	-	1	-	-	-	-	-
Hammerscale		-	-	-	-	-	-	-	-	1	-	-	-	-	-
Heather stems (charred)		-	-	-	-	-	-	-	-	-	-	-	1	-	-
Metal dust		-	-	-	-	-	1	1	-	-	1	2	1	1	1
Metal object (total)		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pot sherds (total no.)		-	-	-	-	-	-	-	-	5	2	-	-	-	-
Semi-vitrified fuel waste		-	-	-	-	2	-	-	-	-	-	-	-	-	-
Teeth (total no.)		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tooth enamel	frag.	-	-	-	-	-	1	-	-	2	-	-	-	-	-
Wood		3	3	-	-	-	-	-	-	-	-	-	-	-	-
Flot matrix (relative abundance)															
Bone (burnt)	indet. frag.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bone (unburnt)	indet. frag.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Charcoal		2	-	2	-	4	3	2	3	2	4	4	2	1	2
Clinker		1	-	-	-	1	1	2	-	1	2	1	-	-	-
Coal		2	4	2	-	-	-	2	-	2	2	-	1	3	1
Coal shale		-	2	2	-	-	-	-	-	-	-	-	1	2	1
Heather stems (charred)		1	-	-	-	-	-	2	-	-	-	-	-	-	-
Insecta		1	-	-	-	1	-	1	-	1	1	1	-	1	-
Insecta (Trichoptera - Caddis Flies)	tubular larvae cases	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Isopoda (Woodlice)		-	-	-	-	-	-	1	-	-	1	-	-	-	-
Lumbricus spp (earthworm)	cocoons	-	-	-	-	3	-	-	1	1	1	2	-	-	-
Monocot stems (charred)		-	-	-	-	-	-	-	-	2	-	-	-	-	-
Pot sherds (total no.)		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pre-Quaternary spores		1	-	-	-	1	-	1	-	-	1	-	2	1	-
Rhizomes / tubers (charred)		-	-	-	-	-	-	1	-	-	-	-	-	-	-
Roots (modern)		3	-	2	2	2	2	2	2	1	4	2	2	2	2
Seeds (uncharred)		4	2	2	-	3	1	1	1	2	2	2	2	2	2
Semi-vitrified fuel waste		-	-	-	-	-	-	1	-	1	-	-	-	-	-
Vegetative material	buds	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Vegetative material	bud scales	-	2	-	-	-	-	-	-	-	-	-	-	-	-
Vegetative material	leaves	2	3	-	-	-	-	-	-	-	-	-	-	-	-
Vegetative material	miscellaneous	6	5	3	3	1	-	-	1	1	1	-	1	-	1
Vegetative material	thorns	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Vegetative material	twigs	2	2	-	-	-	-	-	-	-	-	-	-	-	-
Wood	frag.	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Charred remains (relative abundance)															
(c) *Avena* spp (oat species)	grain	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(c) *Hordeum* spp (Barley species)	grain	-	-	-	-	-	-	1	-	-	1	-	-	-	-
(c) *Hordeum vulgare* (6-row Barley)	grain - asymmetrical	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(c) *Hordeum spp* (Hulled Barley)	grain	-	-	-	-	-	-	1	-	-	-	-	-	-	-
(c) *Secale cereale* (Rye)	grain	-	-	-	-	1	-	-	-	-	-	-	-	-	-
(c) *Triticum spelta* (Spelt Wheat)	glume base	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(c) *Triticum spelta or T. dicoccum* (Spelt or	glume base	-	-	1	-	-	-	2	-	-	-	-	-	-	-
(c) *Triticum spelta or T. dicoccum* (Spelt or	spikelet fork	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(c) *Triticum spp* (Wheat species)	grain	-	-	-	-	1	-	3	-	-	-	1	-	-	-
(c) Cereaha indeterminate	grain	1	-	-	-	-	1	2	-	-	-	-	-	-	-
(c) Cerealia indeterminate	rachis fragment	-	-	-	-	-	-	1	-	-	-	-	-	-	-
(g) *Arrhenatherum elatius* ssp *bulbosum* (False	tuber	-	-	-	-	-	1	1	-	-	-	-	-	-	-
(r) *Plantago lanceolata* (Ribwort Plantain)	seed	-	-	-	-	-	-	-	-	-	1	-	-	-	-
(r) *Stellaria media* (Common Chickweed)	seed	-	-	-	-	-	1	1	-	-	-	-	-	-	-
(w) *Carex* spp (Sedges)	biconvex nutlet	-	-	-	-	1	-	-	-	-	-	-	-	-	-
(w) *Juncus effusus-type* (Rushes)	seed	-	-	-	-	-	-	1	-	-	-	-	-	-	-
(x) Brassicaceae undifferentiated (Cabbage	seed	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(x) *Bromus* spp (Brome grass)	caryopsis	-	-	-	-	-	-	2	-	-	-	-	-	-	-
(x) *Cenococcum geophilum* (soil fungus)	sclerotia	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(x) Fabaceae undifferentiated (Pea family)	seed	-	-	-	-	-	-	1	-	-	-	-	-	-	-
(x) *Potentilla* spp (Cinquefoils)	achene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(x) *Ranunculus* subgenus *Ranunculus*	achene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(x) *Rumex* spp (Dock)	nutlet	-	-	-	-	-	-	1	-	-	-	1	-	-	-
(x) *Vicia* spp (vetch)	seed	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(x) *Viola* spp (Violet)	seed	-	-	-	-	-	-	-	-	-	-	1	-	-	-
Indeterminate	seed	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indeterminate	nutshell/fruitstone frag.	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Uncharred remains (relative abundance)		-	-	-	-	-	-	-	-	-	-	-	-	-	-
(x) *Cenococcum geophilum* (soil fungus)	sclerotia	-	-	2	-	4	4	5	2	1	5	4	2	-	-

[a-arable; c-cultivated; g-grassland; r-ruderal; w-wetland; x-wide niche]. Relative abundance is based on a scale from 1 (lowest) to 5 (highest). (✓) there may be insufficient carbon present for radiocarbon dating

Waterlogged contexts

Fill		peatlike fill from sheepfold	N-S trackway	enclosure gully	boundary ditch	matrix from pot base
Context		302	342	353	357	247
Sample		29	36	38	39	-
Material available for radiocarbon dating		✓	-	(✓)	-	-
Material remaining		✓	-	-	-	-
Volume processed (l)		9	30	11	91	1
Volume of flot (ml)		400	100	10	7	7
Volume of flot assessed (ml)		100	100	10	7	7
Residue contents (relative abundance)						
Bone (burnt)	indet. frag.	-	-	-	-	-
Bone (calcined)	indet. frag.	-	-	-	-	-
Bone (unburnt)	indet. frag.	-	-	-	-	-
Charcoal		-	1	1	2	-
Clinker		-	-	-	-	-
Coal		-	-	-	-	-
Coal shale		-	1	-	1	-
Copper alloy item (total no.)		-	-	-	-	-
Daub		-	-	-	-	-
Glass (total no. shards)		-	-	-	-	-
Hammerscale		-	-	-	-	-
Heather stems (charred)		-	-	-	-	-
Metal dust		-	1	1	1	-
Metal object (total)		-	1	-	-	-
Pot sherds (total no.)		-	-	-	-	-
Semi-vitrified fuel waste		-	1	-	-	-
Teeth (total no.)		-	-	-	-	-
Tooth enamel	frag.	-	-	-	-	-
Wood		-	-	-	-	-
Flot matrix (relative abundance)						
Bone (burnt)	indet. frag.	-	-	-	-	-
Bone (unburnt)	indet. frag.	-	-	-	-	-
Charcoal		1	2	2	1	1
Clinker		-	-	-	-	-
Coal		-	1	2	-	1
Coal shale		-	1	-	-	-
Heather stems (charred)		-	-	-	-	-
Insecta		1	-	-	-	1
Insecta (Trichoptera - Caddis Flies)	tubular larvae cases	-	-	-	-	-
Isopoda (Woodlice)		-	1	2	-	-
Lumbricus spp (earthworm)	cocoons	-	2	1	-	2
Monocot stems (charred)		-	-	-	-	-
Pot sherds (total no.)		-	-	-	-	-
Pre-Quaternary spores		-	1	-	-	-
Rhizomes / tubers (charred)		-	1	-	-	-
Roots (modern)		1	2	2	2	1
Seeds (uncharred)		1	2	3	1	3
Semi-vitrified fuel waste		-	-	-	-	-
Vegetative material	buds	-	-	-	-	-
Vegetative material	bud scales	-	-	-	-	-
Vegetative material	leaves	-	-	-	-	-
Vegetative material	miscellaneous	1	3	-	2	1
Vegetative material	thorns	-	-	-	-	-
Vegetative material	twigs	-	-	-	-	-
Wood	frag.	-	-	-	-	-
Charred remains (relative abundance)						
(c) *Avena spp* (oat *species*)	grain	-	-	-	-	-
(c) *Hordeum* spp (Barley species)	grain	-	-	-	-	-
(c) *Hordeum vulgare* (6-row Barley)	grain - asymmetrical	-	-	-	-	-
(c) *Hordeum* spp (Hulled Barley)	grain	-	-	-	-	-
(c) *Secale cereale* (Rye)	grain	-	-	-	-	-
(c) *Triticum spelta* (Spelt Wheat)	glume base	-	-	-	-	-
(c) *Triticum spelta or T. dicoccum* (Spelt or Emmer wheat)	glume base	-	-	-	-	-
(c) *Triticum spelta or T. dicoccum* (Spelt or Emmer Wheat)	spikelet fork	-	-	-	-	-
(c) *Triticum* spp (Wheat species)	grain	-	-	-	-	-
(c) Cerealia indeterminate	grain	-	-	-	-	-
(c) Cerealia indeterminate	rachis fragment	-	-	-	-	-
(g) *Arrhenatherum elatius* ssp *bulbosum* (False Oat-grass)	tuber	-	-	-	-	-
(r) *Plantago lanceolata* (Ribwort Plantain)	seed	-	-	-	-	-
(r) *Stellaria media* (Common Chickweed)	seed	-	-	-	-	-
(w) *Carex* spp (Sedges)	biconvex nutlet	-	-	-	-	-
(w) *Juncus effusus-type* (Rushes)	seed	-	-	-	-	-
(x) Brassicaceae undifferentiated (Cabbage family)	seed	-	-	-	-	-
(x) *Bromus* spp (Brome grass)	caryopsis	-	-	-	-	-
(x) *Cenococcum geophilum* (soil fungus)	sclerotia	-	-	-	-	-
(x) Fabaceae undifferentiated (Pea family)	seed	-	-	-	-	-
(x) *Potentilla* spp (Cinquefoils)	achene	-	-	-	-	-
(x) *Ranunculus* subgenus *Ranunculus* (Buttercup)	achene	-	-	-	-	-
(x) *Rumex* spp (Dock)	nutlet	-	-	-	-	-
(x) *Vicia* spp (vetch)	seed	-	-	-	-	-
(x) *Viola* spp (Violet)	seed	-	-	-	-	-
Indeterminate	seed	-	-	-	-	-
Indeterminate	nutshell/fruitstone frag.	-	-	-	-	-
Uncharred remains (relative abundance)						
(x) *Cenococcum geophilum* (soil fungus)	sclerotia	-	4	4	4	-

fa-arable; c-cultivated; g-grassland; r-ruderal; w-wetland; x-wide niche]. Relative abundance is based on a scale from 1 (lowest) to 5 (highest). (✓) there may be insufficient carbon present for radiocarbon dating

Waterlogged contexts

Table 2.10: Sample information and results of AMS radiocarbon dating

Lab. code	Sample ID	Material	Sample wet weight (g)	Conventioal ^{14}C age year BP	$\delta^{13}C$ ‰	95% (2σ) cal age range AD
Beta - 251496	PGC08 49A	wood	6.5	210 ± 40	-26.8	1640 - 1950

Table 2.11: Summary of the results of charcoal assessment

Context	Sample	Description	No. charcoal frags. recorded	Wood type
210	50	-	10	non-oak timber
322	33	from beam slot with some daub also recorded	*c.* 20	non-oak roundwood (very poor condition)
360	51	-	*c.* 50	oak timber
460	52	-	clay impregnated with <5	oak timber

Appendix 3: Stratigraphic matrices

SNY12543
Area A, B, C matrices not scanned. See original report.

Appendix 4: Radiocarbon date results and calibration

BETA ANALYTIC INC.
DR. M.A. TAMERS and MR. D.G. HOOD
4985 S.W. 74 COURT
MIAMI, FLORIDA, USA 33155
PH: 305-667-5167 FAX:305-663-0964
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REPORT OF RADIOCARBON DATING ANALYSES

Dr. Charlotte E. O Brien

Report Date: 12/1/2008

University of Durham

Material Received: 11/10/2008

Sample Data	Measured Radiocarbon Age	13C/12C Ratio	Conventional Radiocarbon Age(*)
Beta - 251496	240 +/- 40 BP	-26.8 o/oo	210 +/- 40 BP
SAMPLE : PGC0849A			
ANALYSIS : AMS-Standard delivery			
MATERIAL/PRETREATMENT : (wood): acid/alkali/acid			
2 SIGMA CALIBRATION : Cal AD 1640 to 1690 (Cal BP 310 to 260) AND Cal AD 1730 to 1810 (Cal BP 220 to 140) Cal AD 1920 to 1950 (Cal BP 30 to 0)			

Dates are reported as RCYBP (radiocarbon years before present, "present" = AD 1950). By international convention, the modern reference standard was 95% the 14C activity of the National Institute of Standards and Technology (NIST) Oxalic Acid (SRM 4990C) and calculated using the Libby 14C half-life (5568 years). Quoted errors represent 1 relative standard deviation statistics (68% probability) counting errors based on the combined measurements of the sample, background, and modern reference standards. Measured 13C/12C ratios (delta 13C) were calculated relative to the PDB-1 standard.

The Conventional Radiocarbon Age represents the Measured Radiocarbon Age corrected for isotopic fractionation, calculated using the delta 13C. On rare occasion where the Conventional Radiocarbon Age was calculated using an assumed delta 13C, the ratio and the Conventional Radiocarbon Age will be followed by "*". The Conventional Radiocarbon Age is not calendar calibrated. When available, the Calendar Calibrated result is calculated from the Conventional Radiocarbon Age and is listed as the "Two Sigma Calibrated Result" for each sample.

CALIBRATION OF RADIOCARBON AGE TO CALENDAR YEARS

(Variables: C13/C12=-26.8:lab. mult=1)

Laboratory number: **Beta-251496**

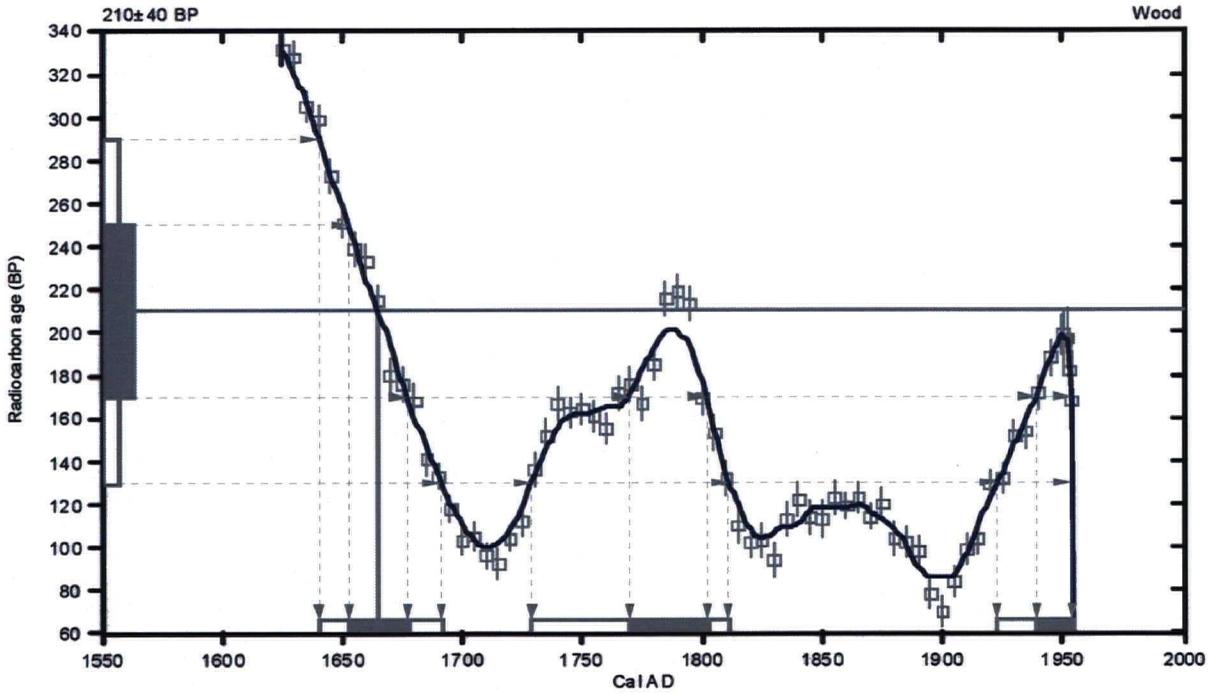
Conventional radiocarbon age: **210±40 BP**

2 Sigma calibrated results: **Cal AD 1640 to 1690 (Cal BP 310 to 260) and**
(95% probability) **Cal AD 1730 to 1810 (Cal BP 220 to 140) and**
Cal AD 1920 to 1950 (Cal BP 30 to 0)

Intercept data

Intercept of radiocarbon age with calibration curve: Cal AD 1660 (Cal BP 280)

1 Sigma calibrated results: Cal AD 1650 to 1680 (Cal BP 300 to 270) and
(68% probability) Cal AD 1770 to 1800 (Cal BP 180 to 150) and
Cal AD 1940 to 1950 (Cal BP 10 to 0)



References:

Database used
INTCAL04
Calibration Database
INTCAL04 Radiocarbon Age Calibration
IntCal04: Calibration Issue of Radiocarbon (Volume 46, nr 3, 2004).
Mathematics
A Simplified Approach to Calibrating C14 Dates
Talma, A. S., Vogel, J. C., 1993, Radiocarbon 35(2), p317-322

Beta Analytic Radiocarbon Dating Laboratory

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Appendix 5: Updated Project Design

Tasks

Project management

A5.1 All aspects of report writing and specialist activity, including the transportation of finds, will be coordinated.

Pottery

A5.2 Analysis and recording of the assemblage of ceramics (approximately 209 sherds) and the reassessment and incorporation of the assemblage from the trial trenching. This will quantify the material and establish the range of vessel types, and the assemblage will be compared with others in the region. The material will be catalogued and examples will be selected for illustration.

Conservation

A5.3 Investigative conservation and cleaning of four iron objects (Table 2.6) and the possible shale bead for further study, and for subsequent safe storage as part of the site archive.

A5.4 EDXRF (energy dispersive X-ray fluorescence) analysis on the bead to confirm the identity of the material used.

A5.5 Lithological analysis and identification of the pot boiler fragments and the possible abraded stone tool from context [210].

Daub

A5.6 Specialist analysis to identify the organic substrate and subsequently inform on building technique.

Environmental samples

A5.7 Full analysis of the insect assemblages recovered from contexts [204], [214], and [284].

A5.8 Identification and analysis of charcoal samples from contexts [210] and [322].

Other finds

A5.9 Updated study of iron objects and shale bead following conservation

Illustrations

A5.10 A representative sample of the pottery sherds will be illustrated.

A5.11 The shale bead will be photographed and illustrated.

A5.12 Illustration of the rotary quern fragment.

A5.13 Flint tools recovered from contexts [189] and [500] will be illustrated.

A5.14 Illustration of four iron objects from contexts [175] and [230].

A5.15 Plans and sections from the site archive will be digitised.

A5.16 Site phase plans will be produced to illustrate each archaeological phase.

A5.17 Geophysical data to be reprocessed: a new interpretation plan will be produced: site phase plans to be integrated with evaluation plans and geophysical interpretation plan.

A5.18 A full phased data structure will be produced and the Area matrices integrated into one matrix.

A5.19 Collation of specialist artefact and environmental reports and integration with data structure: assessment data to be incorporated into full analysis report.

A5.20 Research will be conducted into comparative sites within the region.

A5.21 A synthesis will be produced placing the site within the regional research framework.

A5.22 Editing, preparation and production of text for a full report to the client.

Publication

A5.23 Re-editing of text to produce a publication report.

A5.24 Suitable illustrations of finds and phases to be reformatted for inclusion.

A5.25 Submission of a report to the editor of *The Yorkshire Archaeological Journal.*

Archiving

A5.26 Preparation of the project archive.

A5.27 Transfer of the site archive to the Yorkshire Museum, North Yorkshire.

A5.28 Transportation of finds between specialists.

Programme

The specialist work will be commissioned on agreement of the scheme of work. The works will be completed over a period of nine months.

Appendix 6: Project Archive

The content of the excavation archive is as follows:

- Registers and contexts sheets – 3 lever arch files
- Plans and sections – 1 roll38 sheets of drawing film
- Environmental flots and charcoal – 1 archive box
- Photographic Archive – 1 lever arch file
- Finds – 4 archive boxes; including pottery, animal bone, pot boilers and small finds

All archive material for archaeological works preceding fieldwork undertaken by Archaeological Services is currently held by Northern Archaeological Associates.

Archaeological Services
University of Durham

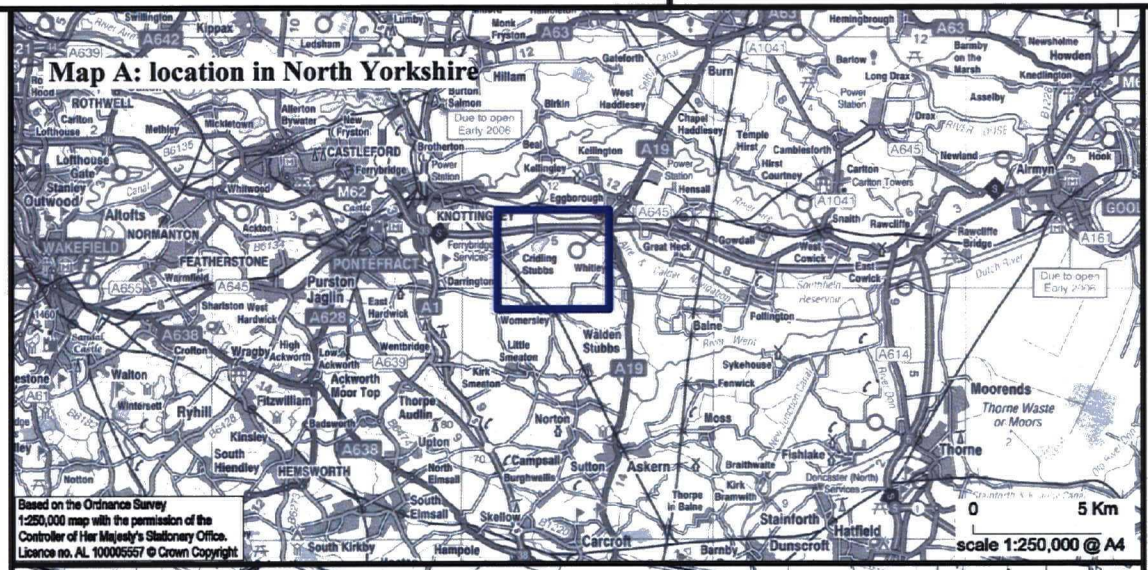
Gale Common Ash Disposal Site - Phase III, Womersley, North Yorkshire
archaeological excavation assessment report and updated project design

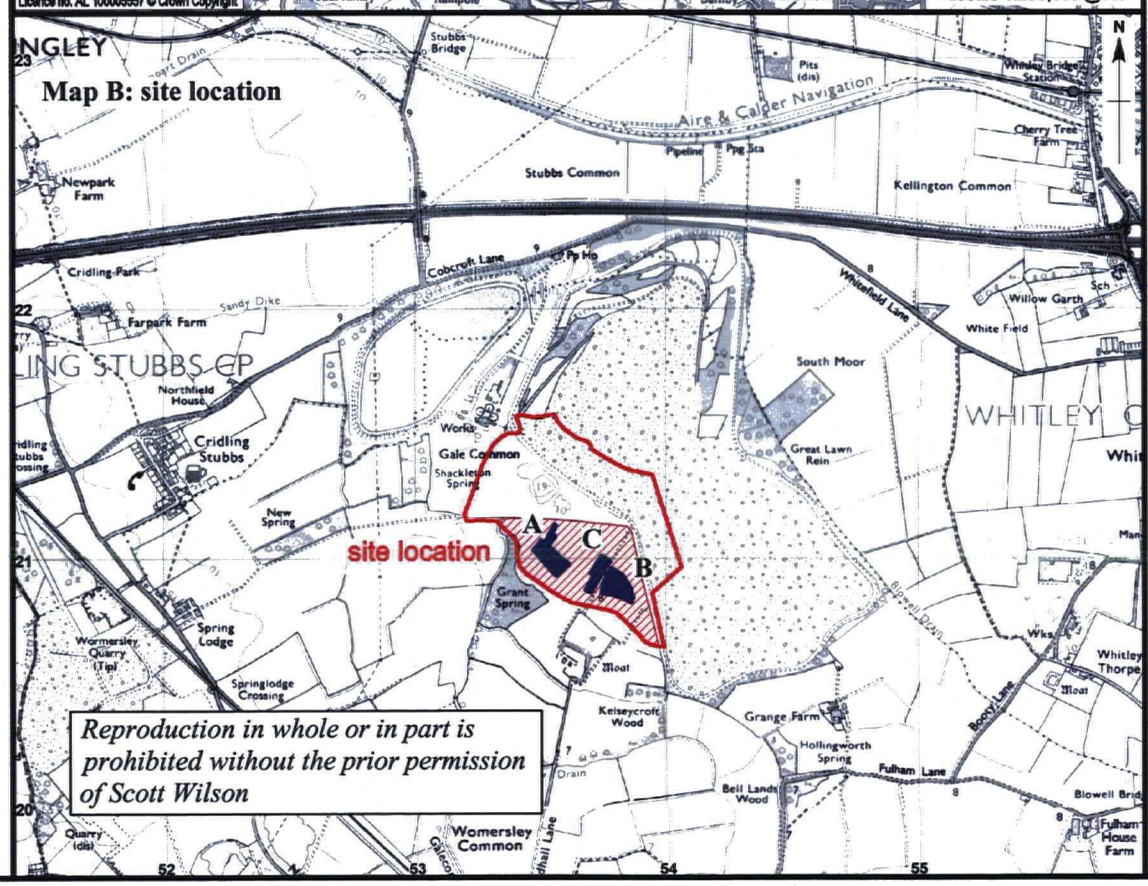
Report 2112
Figure 1 *Site location*

on behalf of
Scott Wilson Ltd
for
British Energy PLC

0 150m

scale of map B 1:30 000 - for A4 plot





site location | stage III boundary | fieldwork area | A excavation area

Figure 2 not scanned. See original report.