ARCHAEOLOGICAL SERVICES WYAS

Byram Park
Brotherton
North Yorkshire

Archaeological Watching Brief
and Strip and Record Operation

August 2009

Report No. 1979
Volume 2: Figures, Plates
and Appendices

CLIENT

Darrington Quarries Ltd

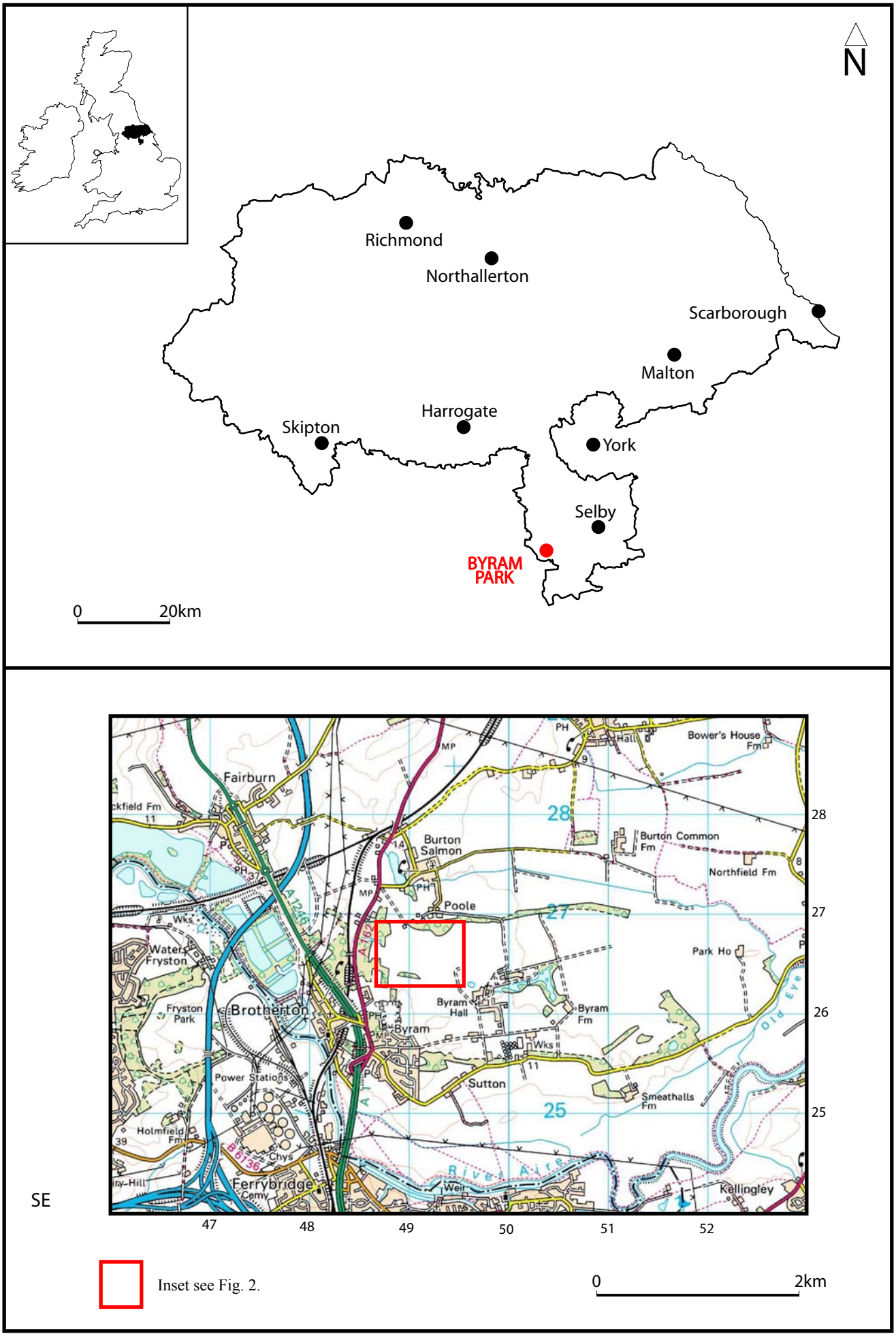

Fig. 1. Site location

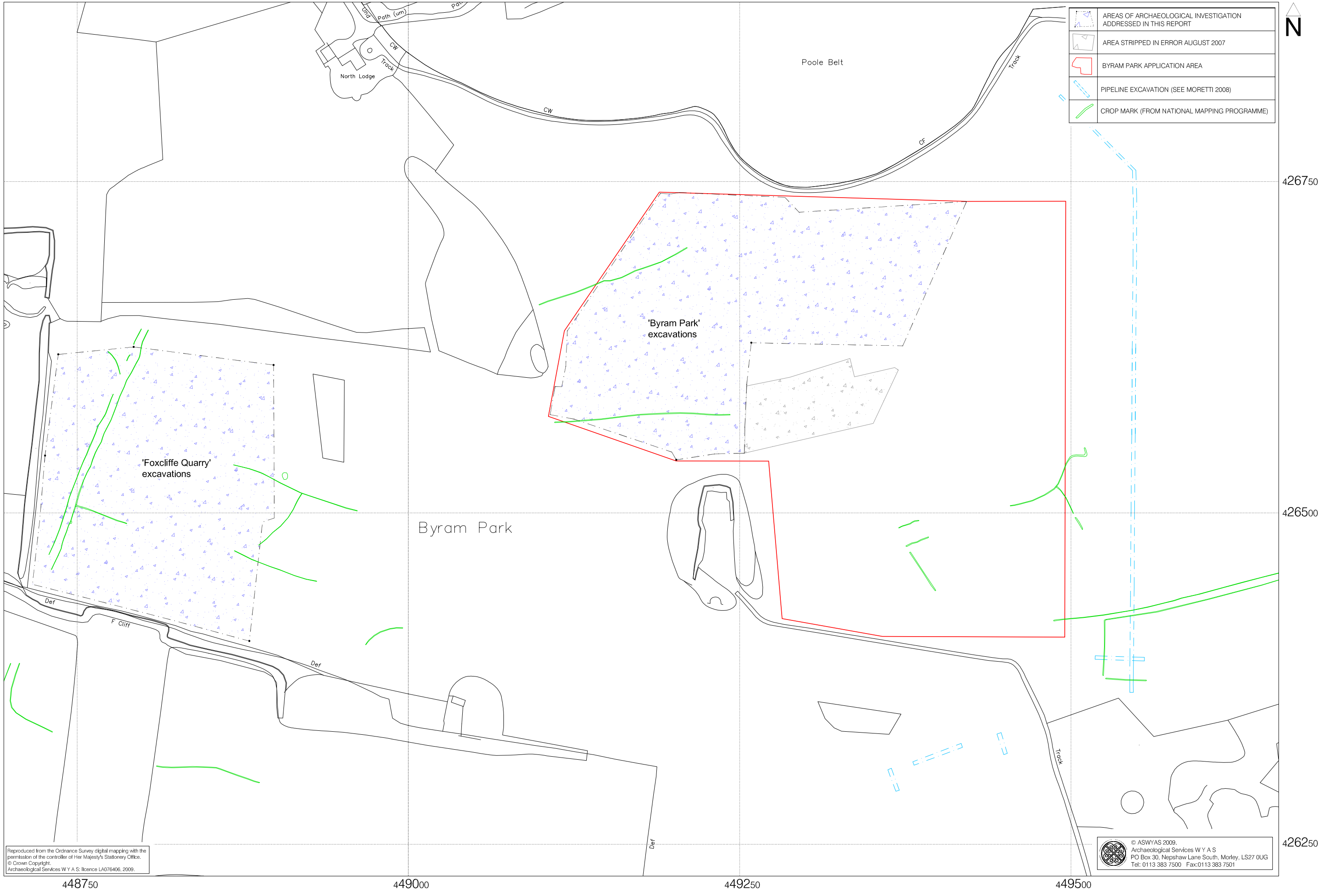

Fig. 2. Site location showing the two areas of archaeological investigation reported here.
The areas investigated in advance of a pipeline (see Moretti 2008) are also illustrated (1:2500 @ A3)

Fig. 3. The areas and dates of excavations at Foxcliffe Quarry (1:1000 @ A3)

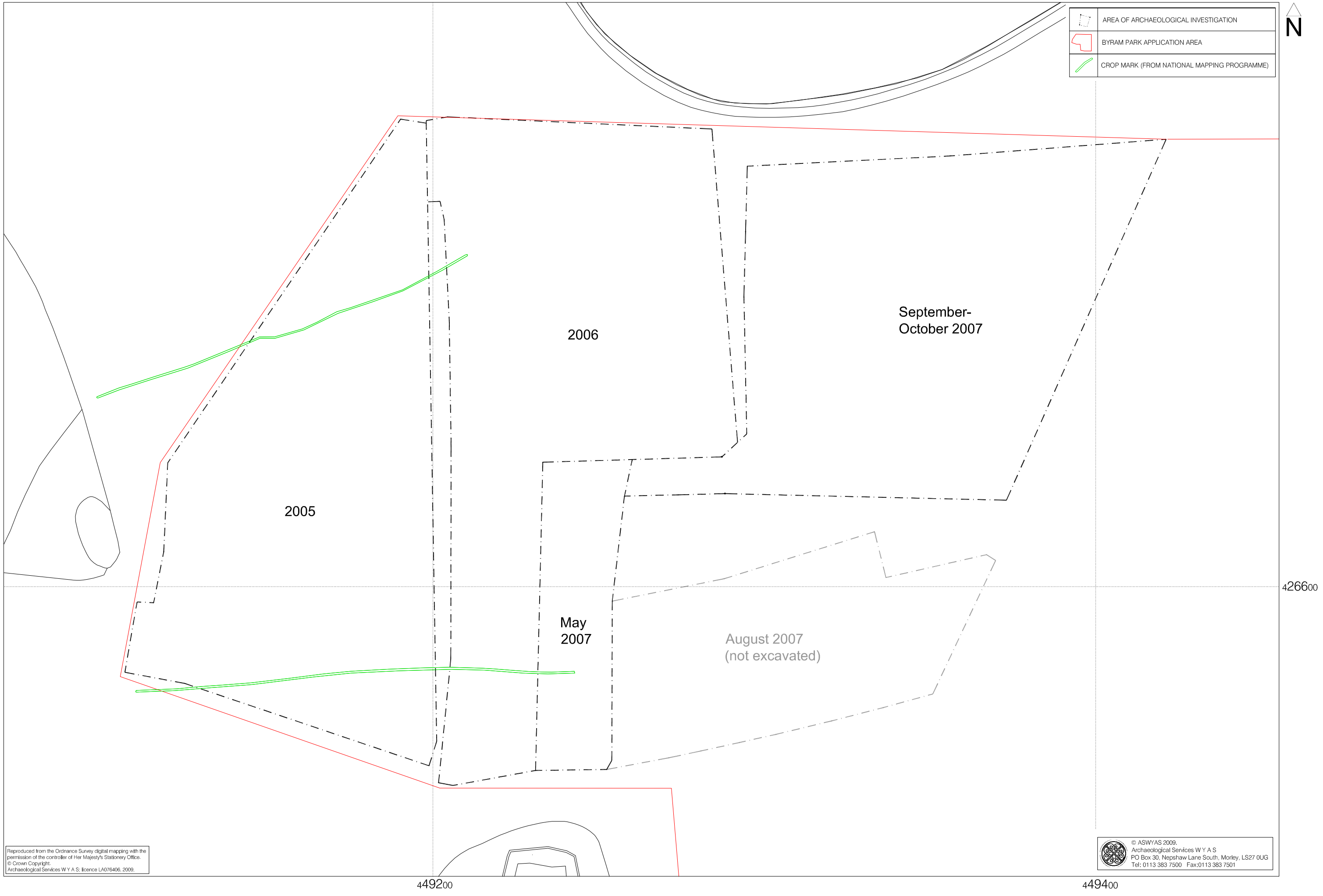

Fig. 4. The areas and dates of excavations at Byram Park (1:1000 @ A3)

Fig. 5. Site plan of archaeological excavations at Foxcliffe Quarry (1:1000 @ A3)

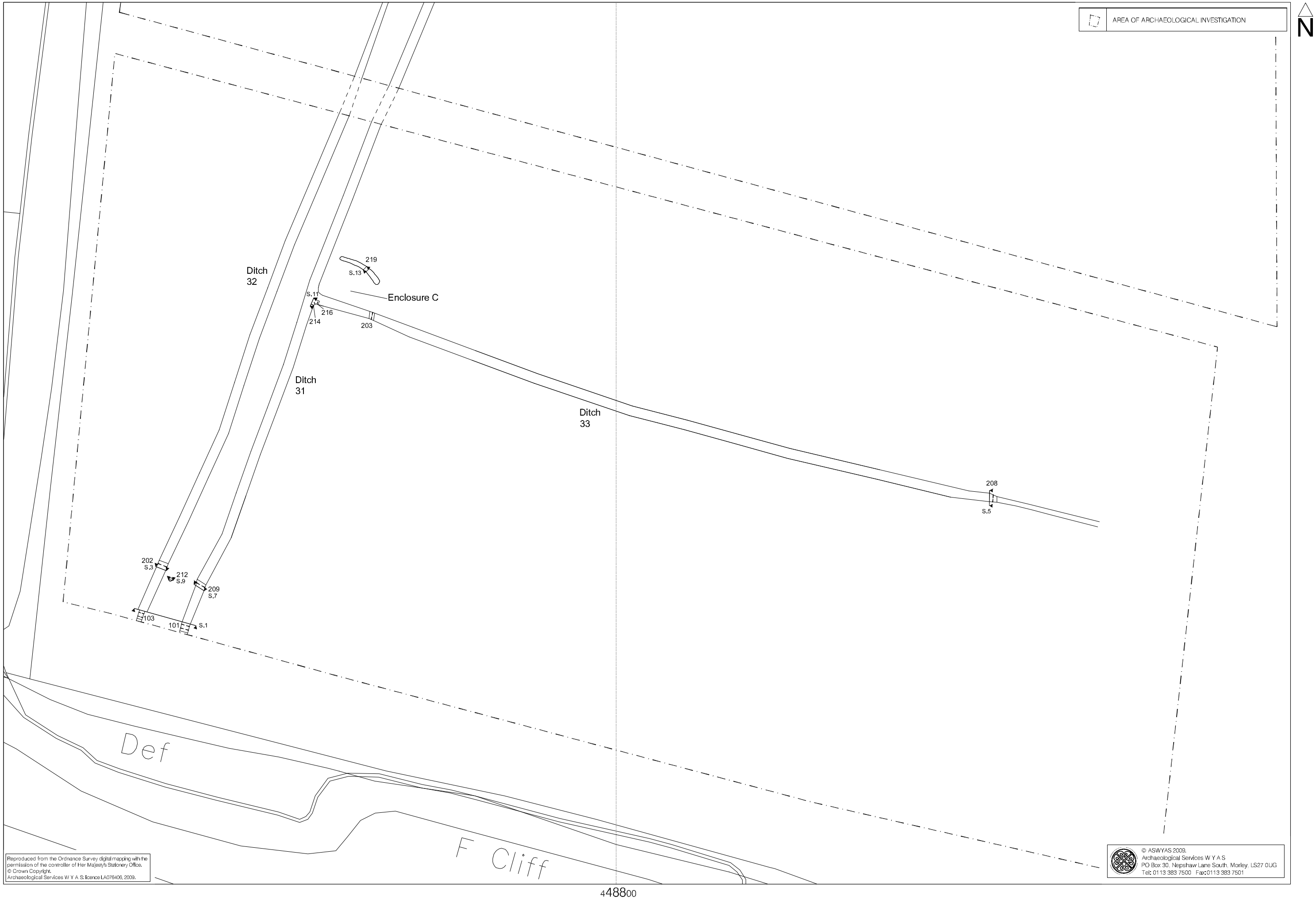

Fig. 6. Detailed plan of archaeological excavations at the southern area of Foxcliffe Quarry (1:500 @ A3)

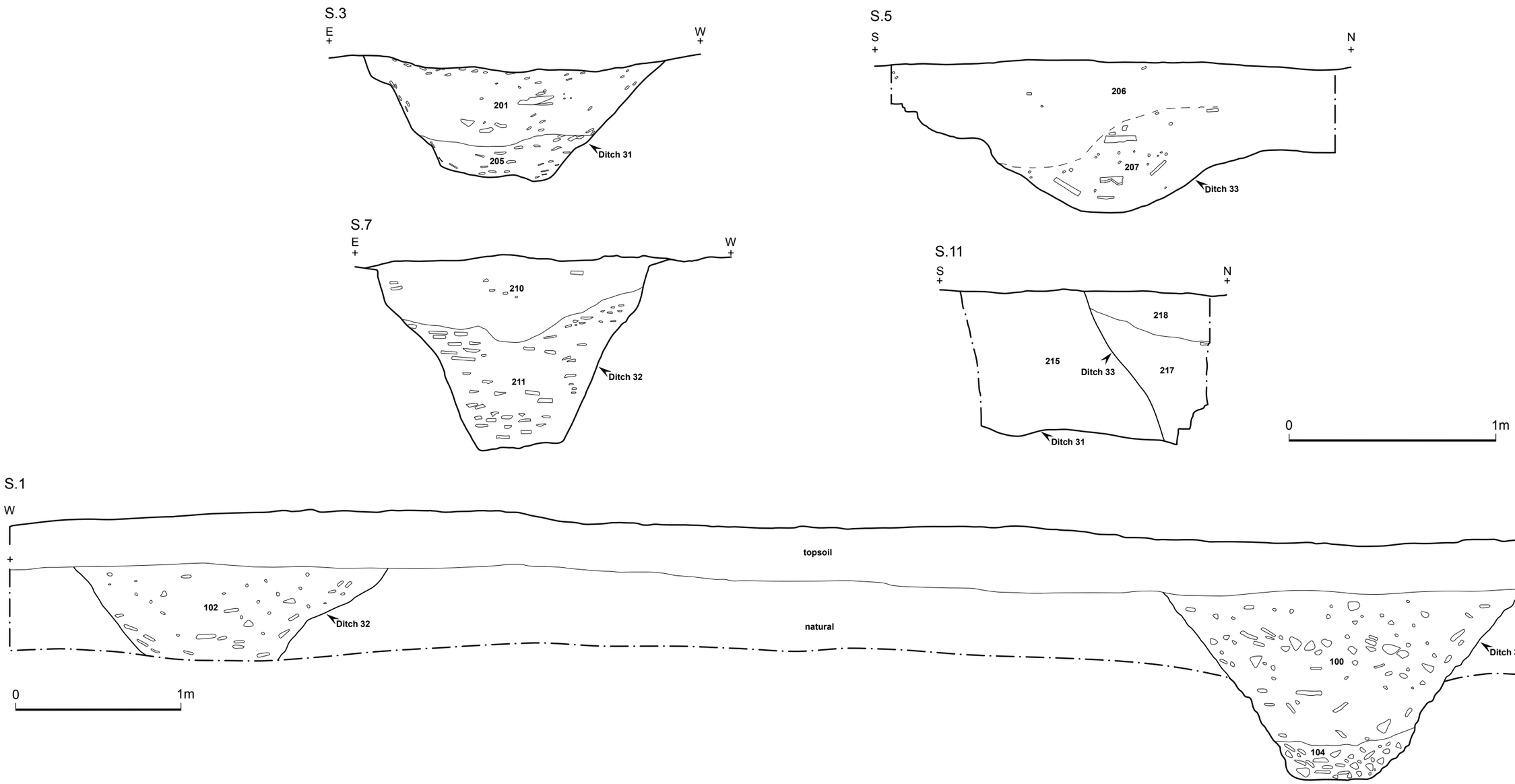

Fig. 7. Sections for Foxcliffe Quarry features (scales 1:10, 1:20 and 1:25 @ A3)

Fig. 8. Site plan of the Byram Park excavations carried out 2005-2007 (1:250)

?PHASE 1 FEATURE

OTHER FEATURE

AREA OF PREMATURE STRIPPING

N

?

(not excavated)

4266 00

4492 00

4494 00

0 50m

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Fig. 9. Archaeological features attributed to Phase 1 at Byram Park (1:1000 @ A3)

PHASE 2 FEATURE

OTHER FEATURE

N

1414

4266 00

4492 00

4494 00

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0 50m

Fig. 10. Archaeological feature (1414) attributed to Phase 2 at Byram Park. See Figs 8 and 11 for detail (1:1000 @ A3)

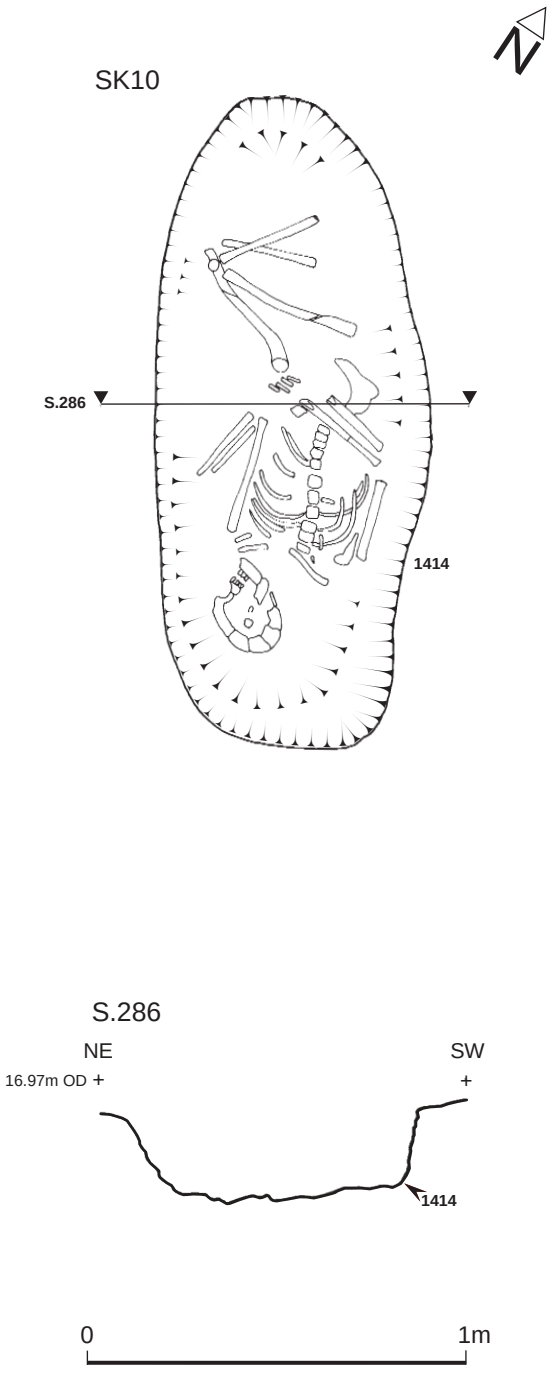

Fig. 11. Plan and profile of the grave and human skeleton attributed to Phase 2 at Byram Park (1:20 @ A4)

PHASE 3 FEATURE

OTHER FEATURE

N

Gully 15

1288

1286

1302

1284

1306

1300

Gully 12

Ditch 6

Enclosure A

Ditch 7

Gully 22

Ditch 36

Ditch 11

Ditch 13

Ditch 34

Ditch 8

426600

449200

449400

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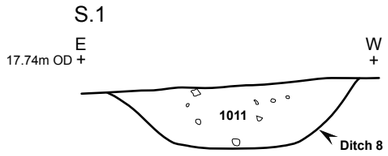
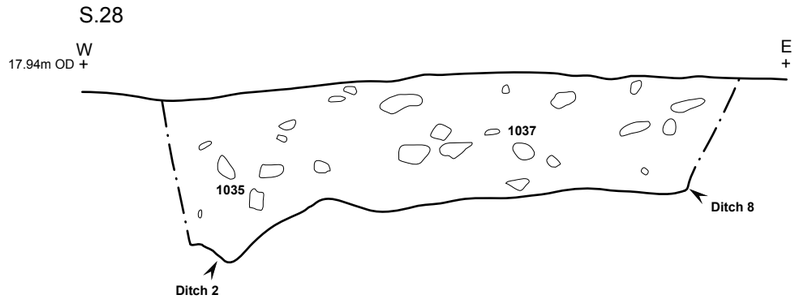
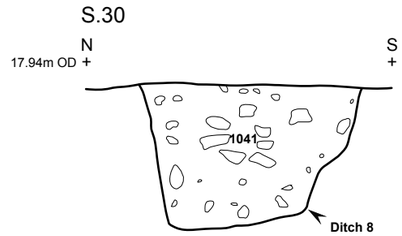
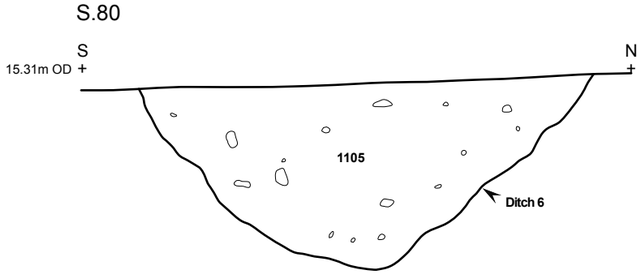
Fig. 12. Plan of the archaeological features attributed to Phase 3 at Byram Park. See Fig. 8 for detail (1:1000 @ A3)

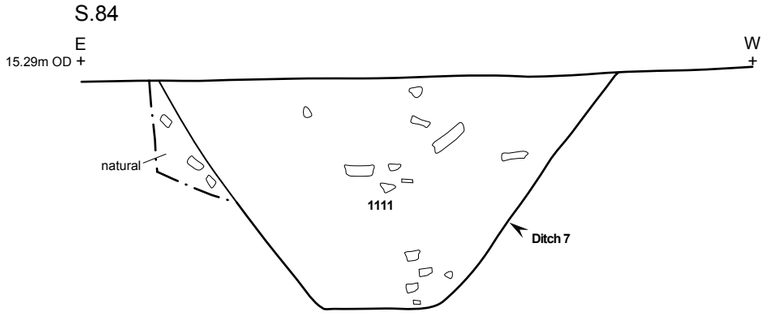
0 50m

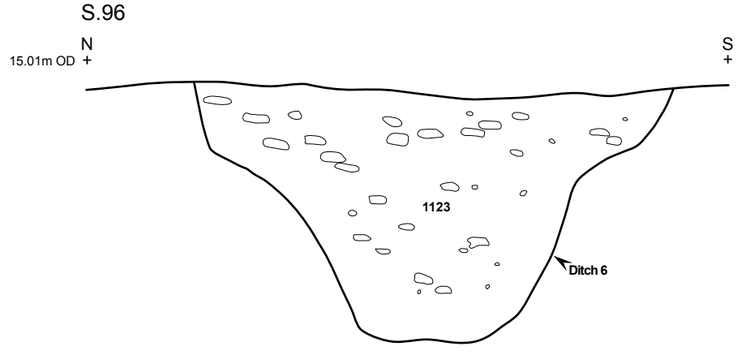


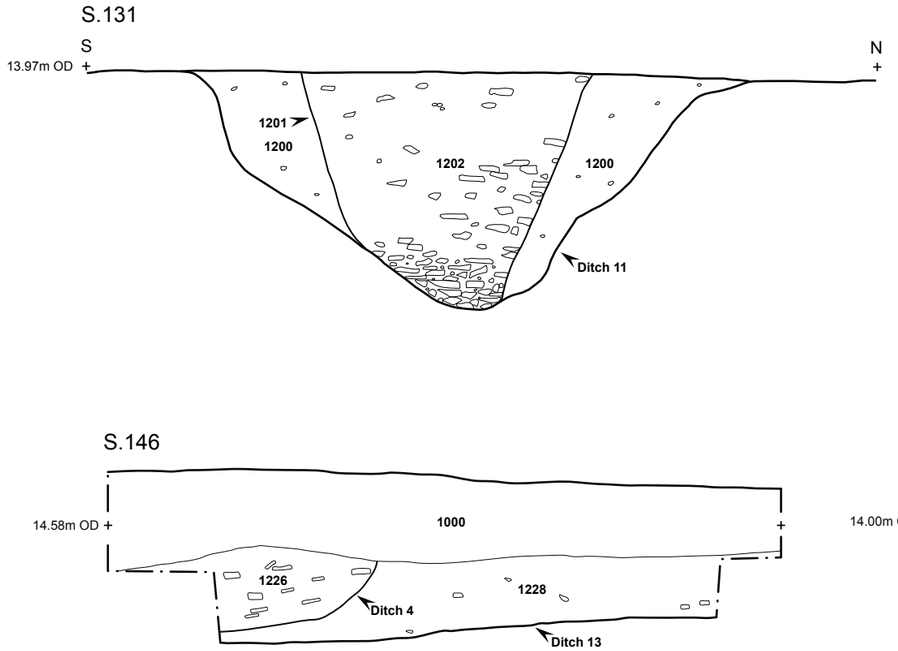


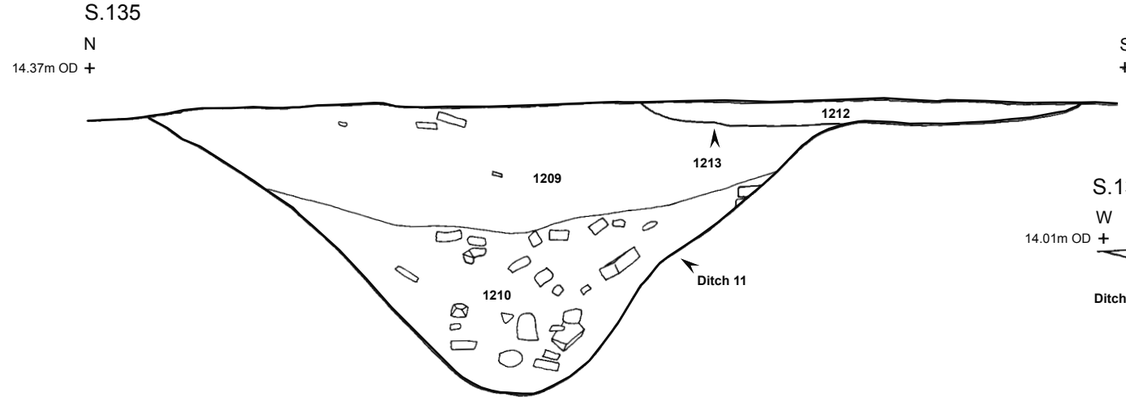


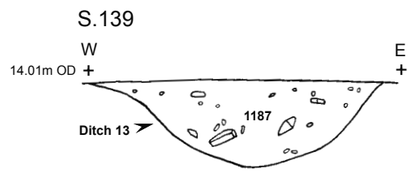


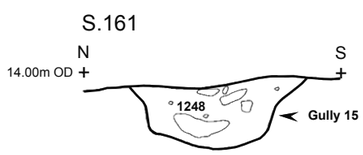


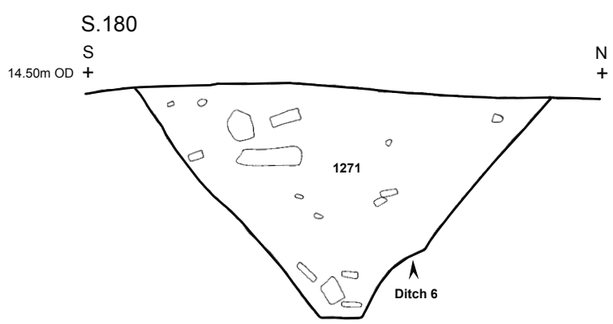












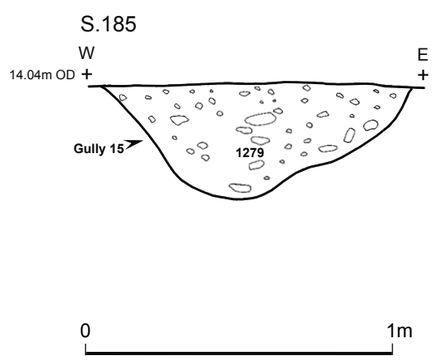
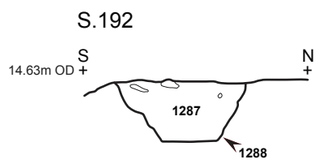
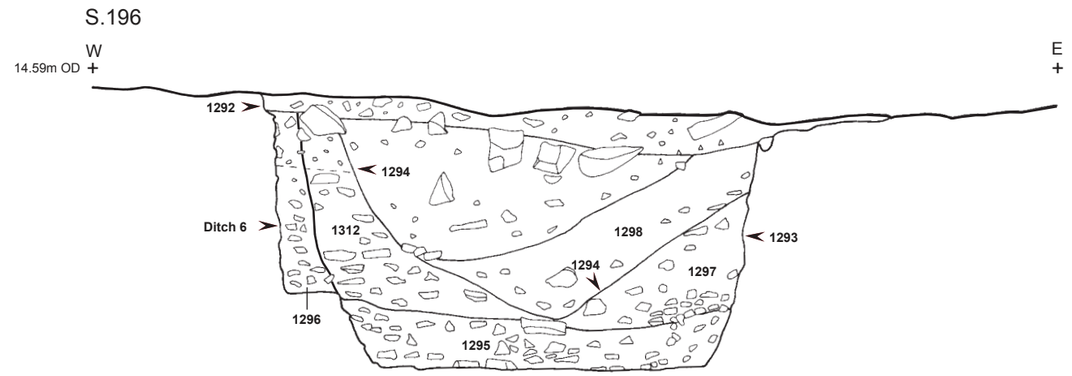
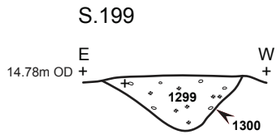
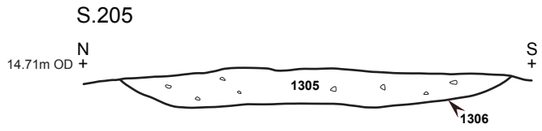


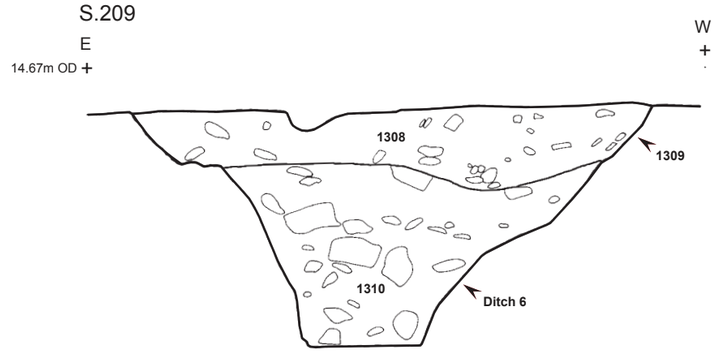
Fig. 13. Sections through archaeological features attributed to Phase 3 at Byram Park (1:20 @ A3)

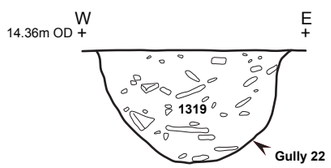


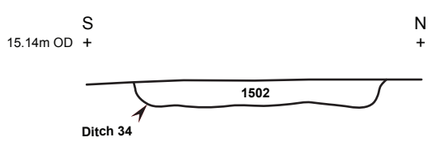


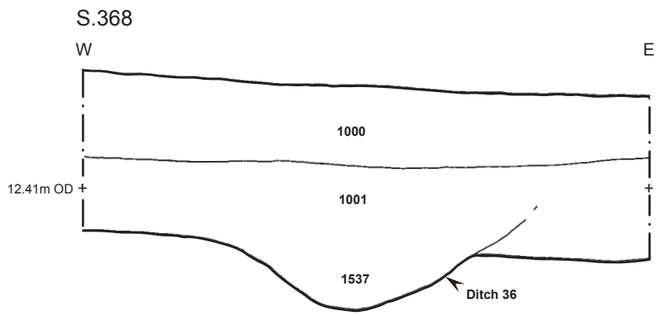


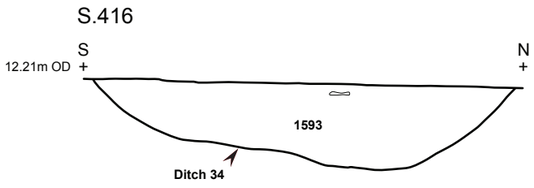


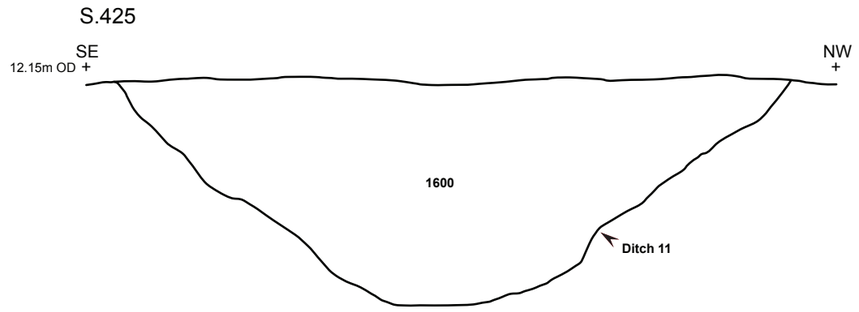












0 1m

Fig. 14. Sections through archaeological features attributed to Phase 3 at Byram Park continued (1:20 @ A4)

PHASE 4 FEATURE
EXTANT FEATURE
OTHER FEATURE

N

Gully 15
Enclosure A
1314
Ditch 7
Ditch 6
Gully 22
1508
Ditch 37
Ditch 11
Ditch 4
Ditch 34
Gully 18
Gully 28
Ditch 26
Gully 27
1130
1092
1071
1150
1067
1018
1020
Ditch 4
Enclosure B
1065
1081
Ditch 3
1364
1370
1006
1061
1016
Ditch 1
Ditch 2
1049
Gully 16
1004
Gully 23
1436
1458
Gully 29

4266 00

4492 00

4494 00

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Fig. 15. Plan of archaeological features attributed to Phase 4 at Byram Park. See Figs 8, 18 and 19 for detail (1:1000 @ A3)

0 50m

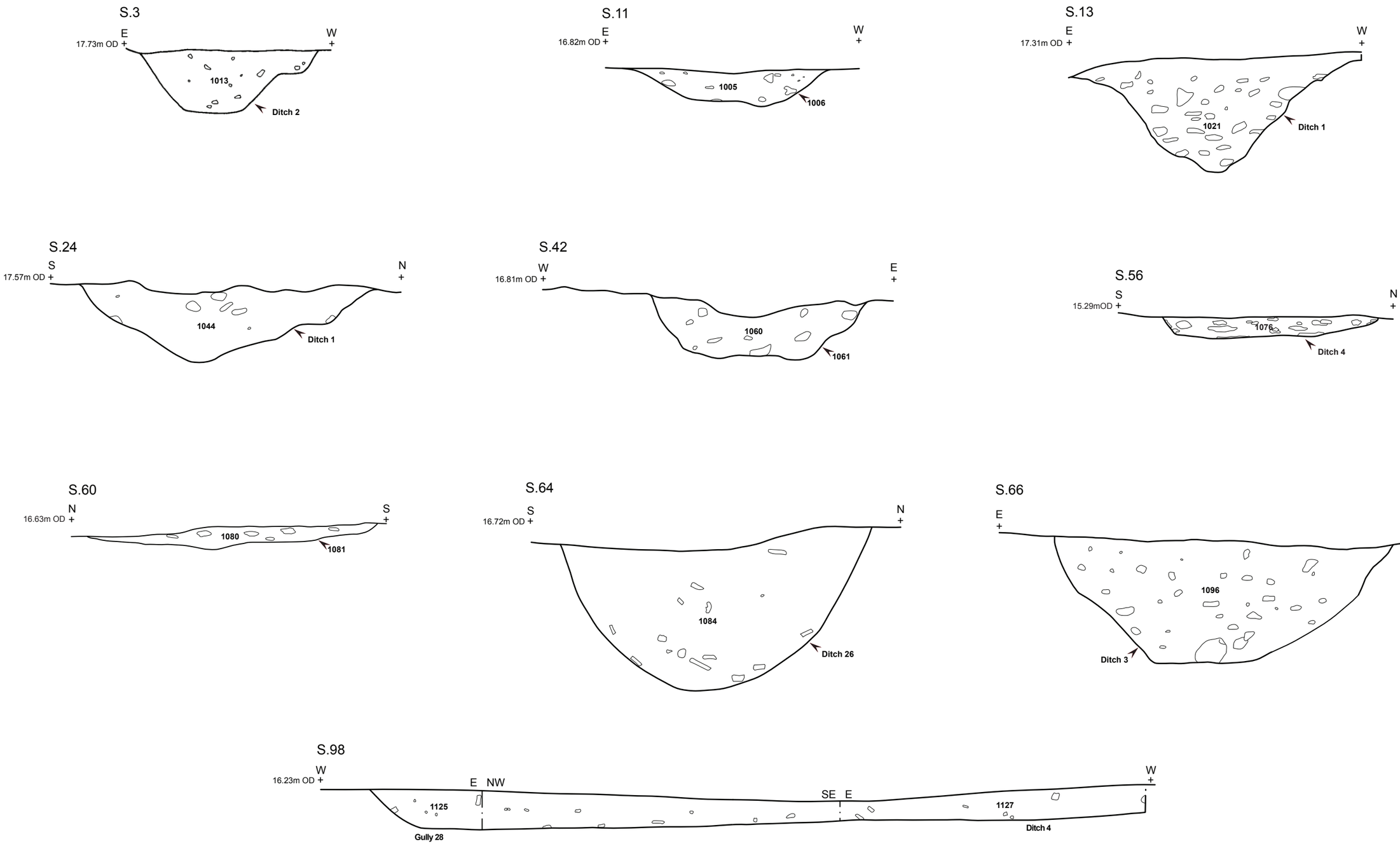
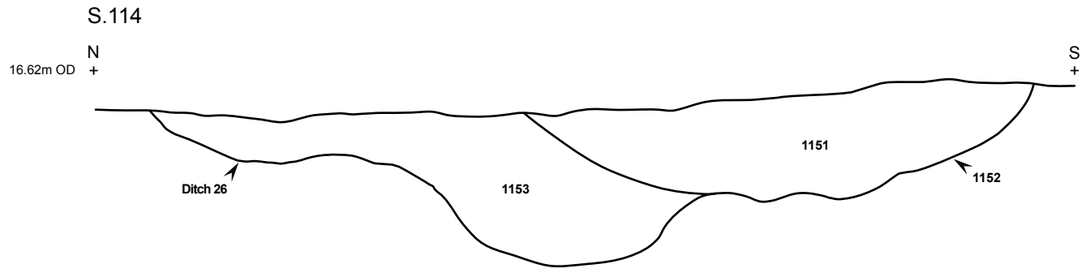
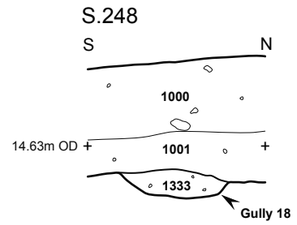
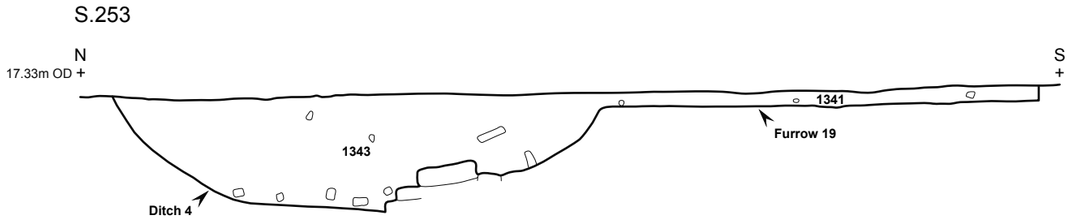
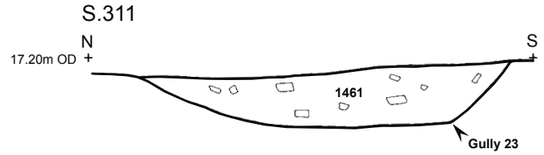


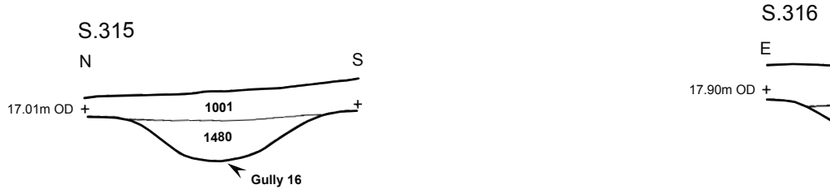
Fig. 16. Sections through archaeological features attributed to Phase 4 at Byram Park (1:20 @ A3)

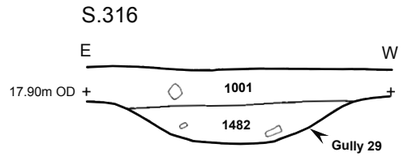


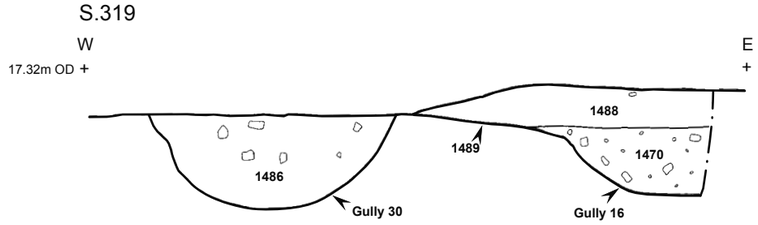


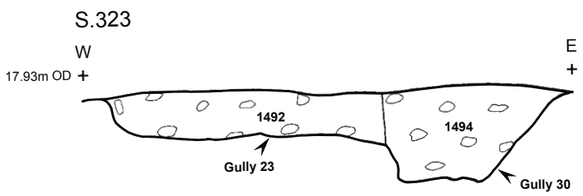


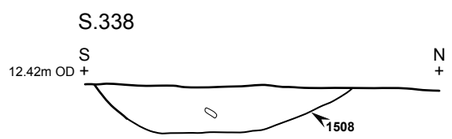


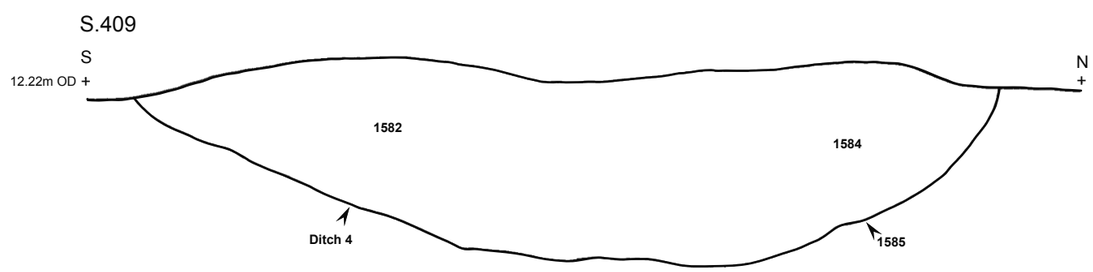


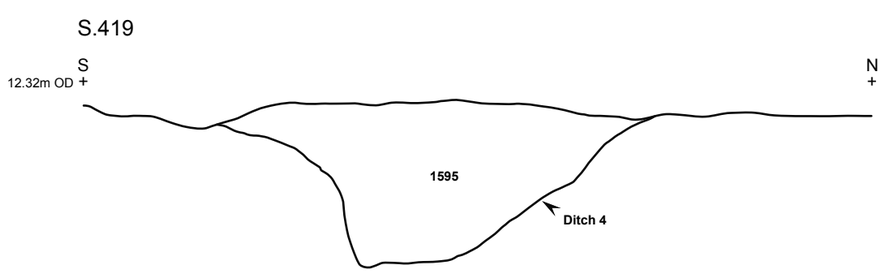












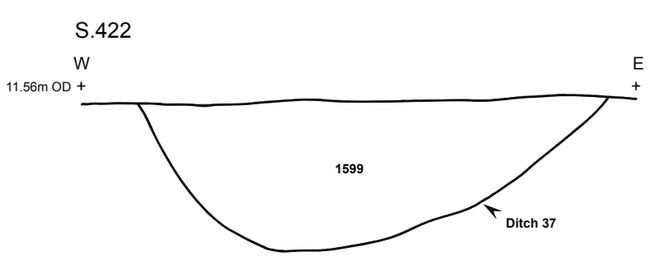


Fig. 17. Sections through archaeological features attributed to Phase 4 at Byram Park continued (1:20 @ A3)

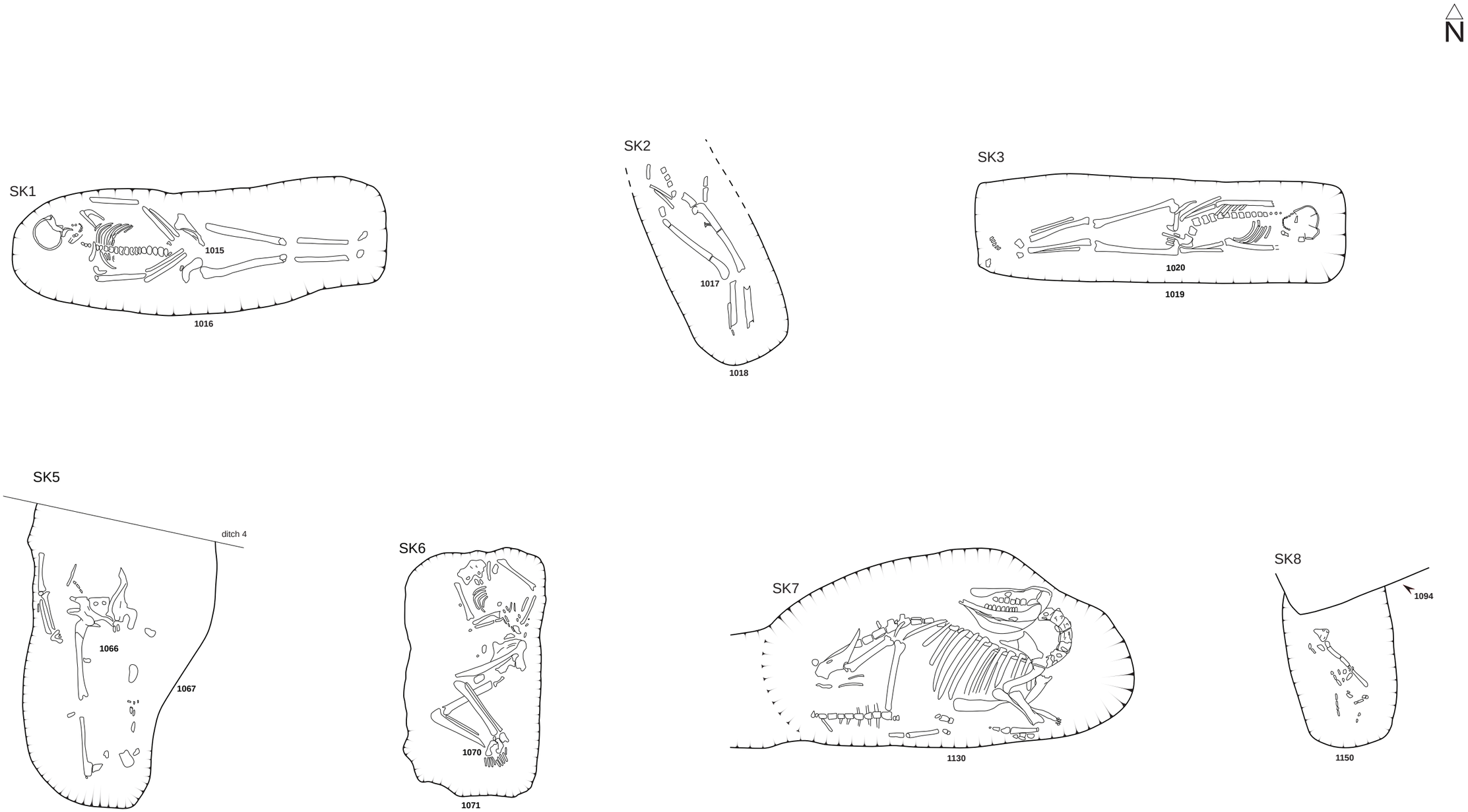


Fig. 18. Detailed plans of the human and animal burials attributed to Phase 4 at Byram Park (1:20 @ A3)

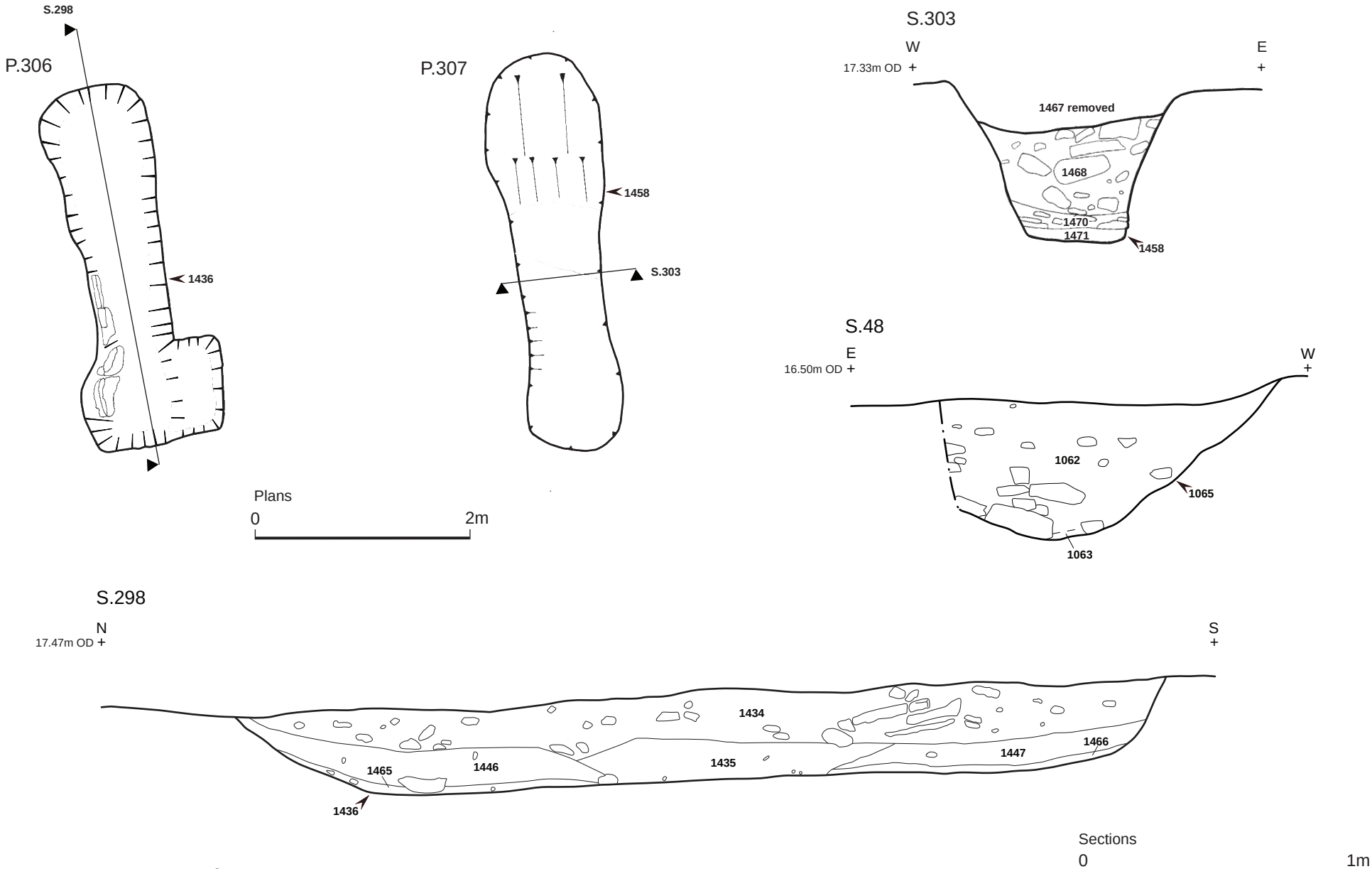


Fig. 19. Plans and sections of the corn driers attributed to Phase 4 at Byram Park (1:50 plans, 1:20 sections @ A4)

PHASE 5 FEATURE

OTHER FEATURE

N

Gully 14

Gully 21

Ditch 9

4266 00

4492 00

4494 00

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0 50m

Fig. 20. Plan of archaeological features attributed to Phase 5 at Byram Park. See Fig. 8 for detail (1:1000 @ A3)

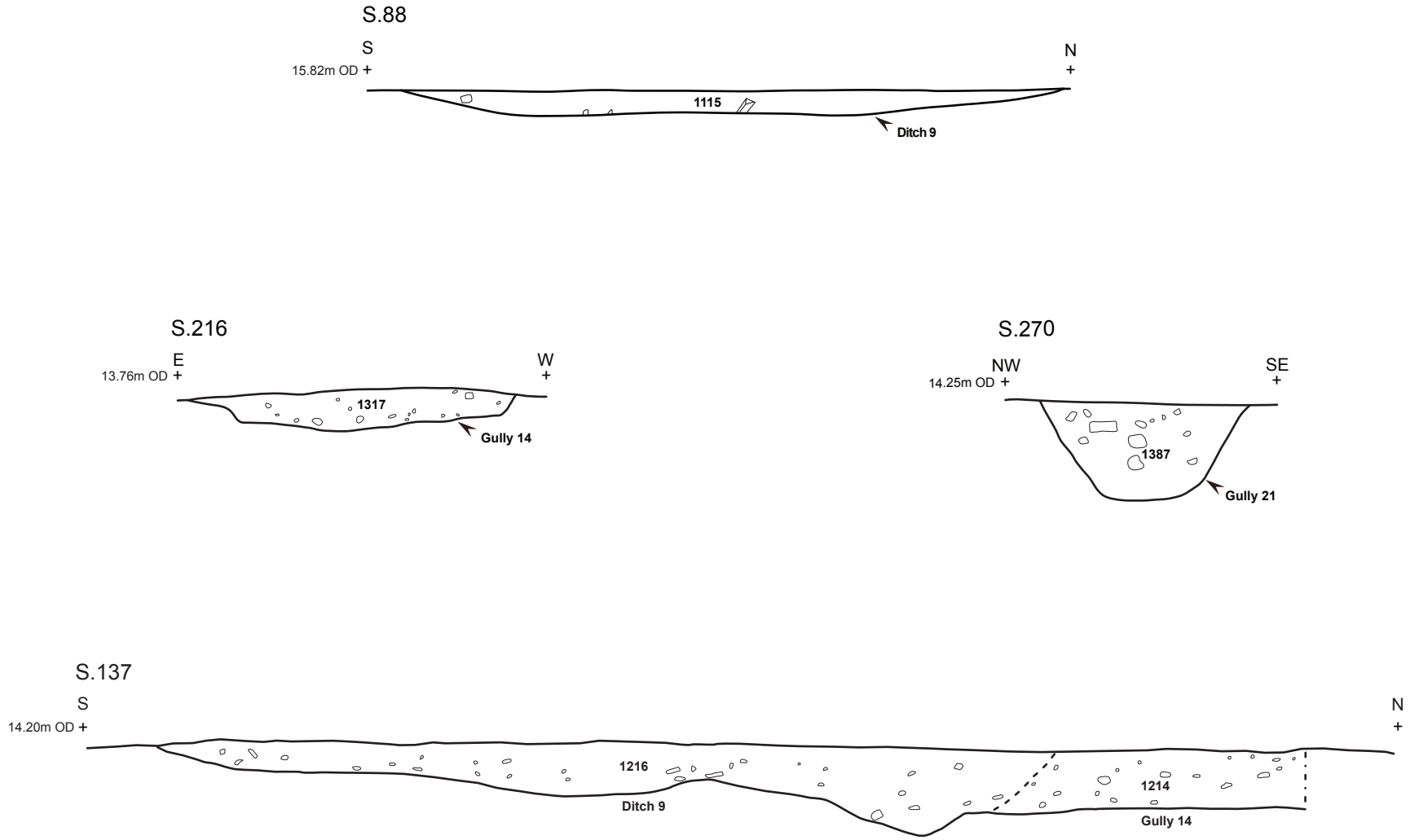

Fig. 21. Sections through archaeological features attributed to Phase 5 at Byram Park (1:20 @ A4)

PHASE 5 FEATURE

OTHER FEATURE

N

post-hole
alignment 35

Gully
17

Gully 38

1346

1358

1497

1374

1352

Gully
25

Furrow
19

Furrow
20

Furrow
10

Gully
25

Gully
30

post-hole
alignment 24

426600

449200

449400

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Fig. 22. Plan of archaeological features attributed to Phase 6 at Byram Park. See Fig. 8 for detail (1:1000 @ A3)

0 50m

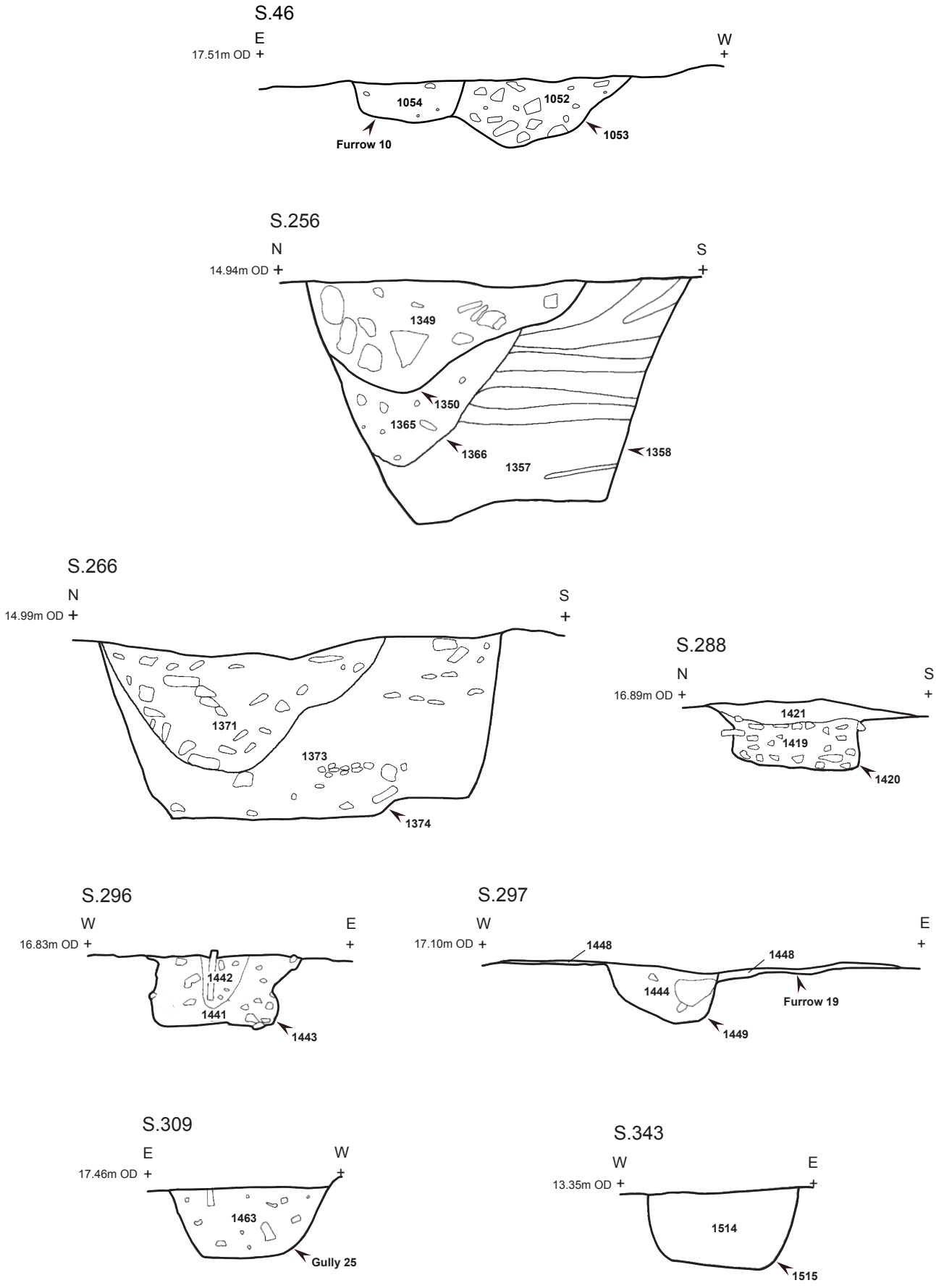

Fig. 23. Sections through archaeological features attributed to Phase 6 at Byram Park (1:20 @ A4)

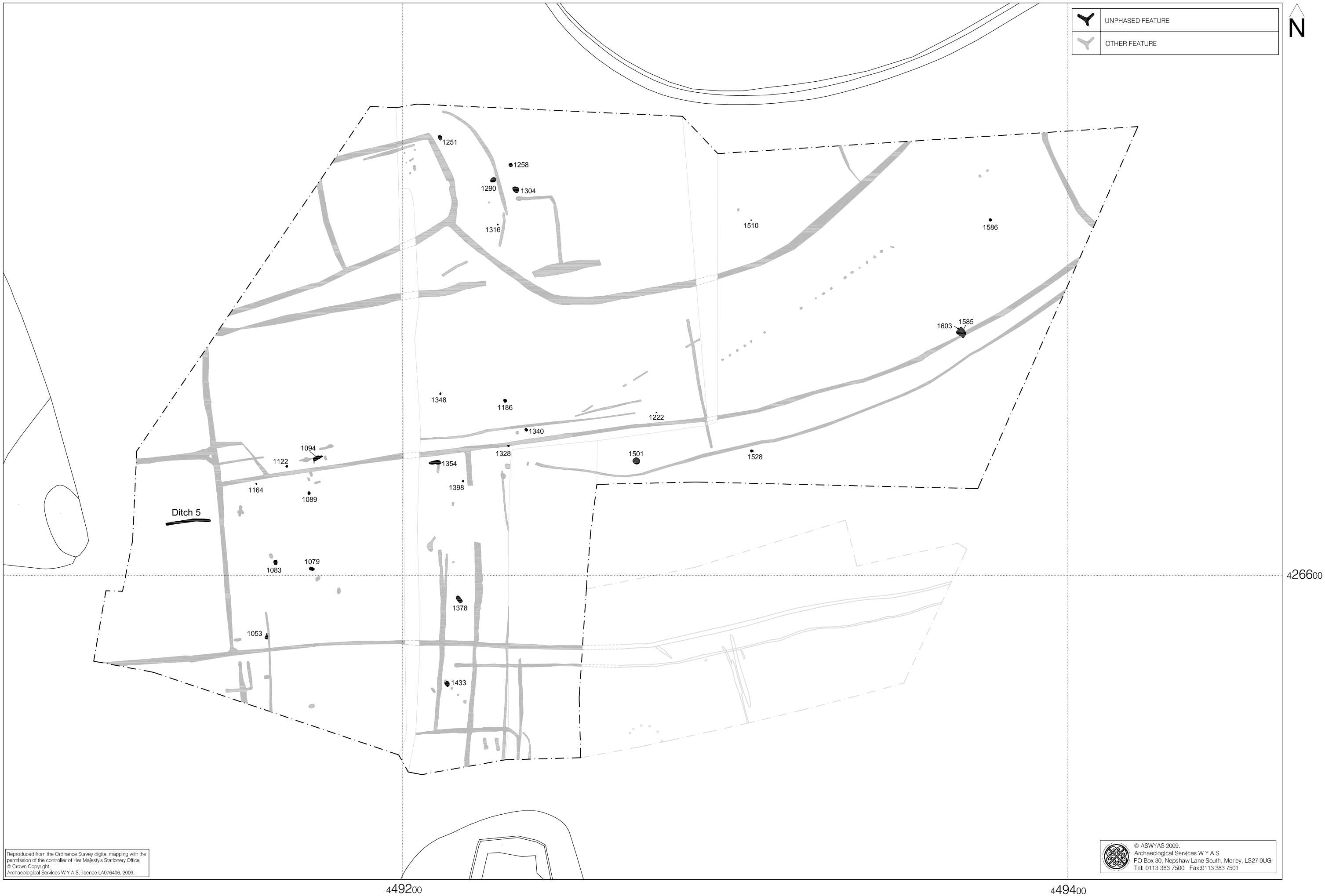

Fig. 24. Plan of unphased archaeological features at Byram Park. See Fig. 8 for detail (1:1000 @ A3)

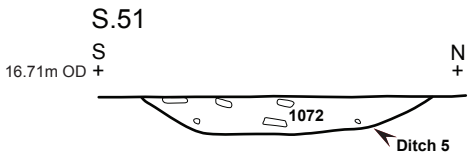

Fig. 25. Sections through unphased feature (Ditch 5) at Byram Park (1:20 @ A4)

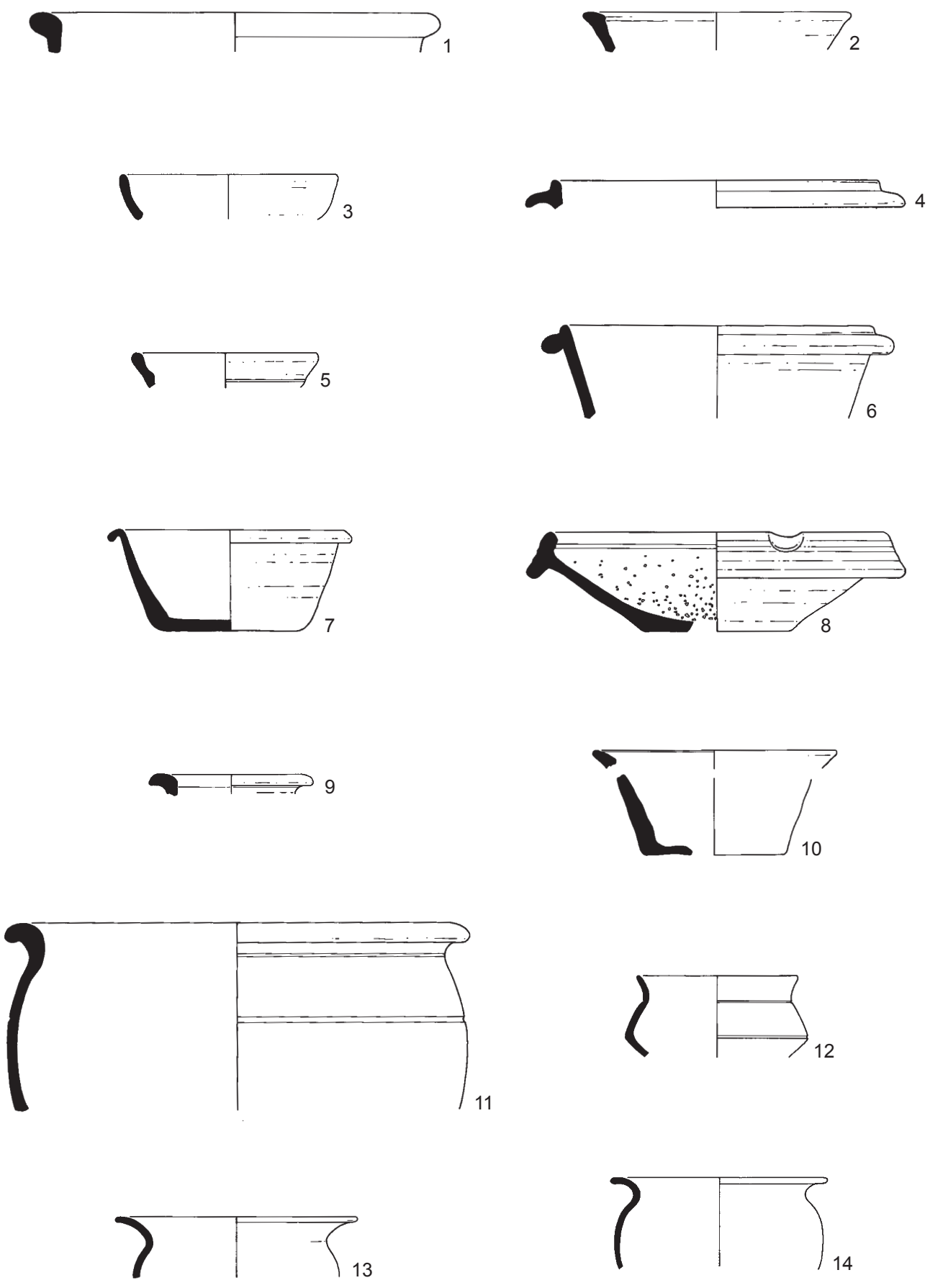

Fig. 26. Romano-British pottery. Scale 1:4

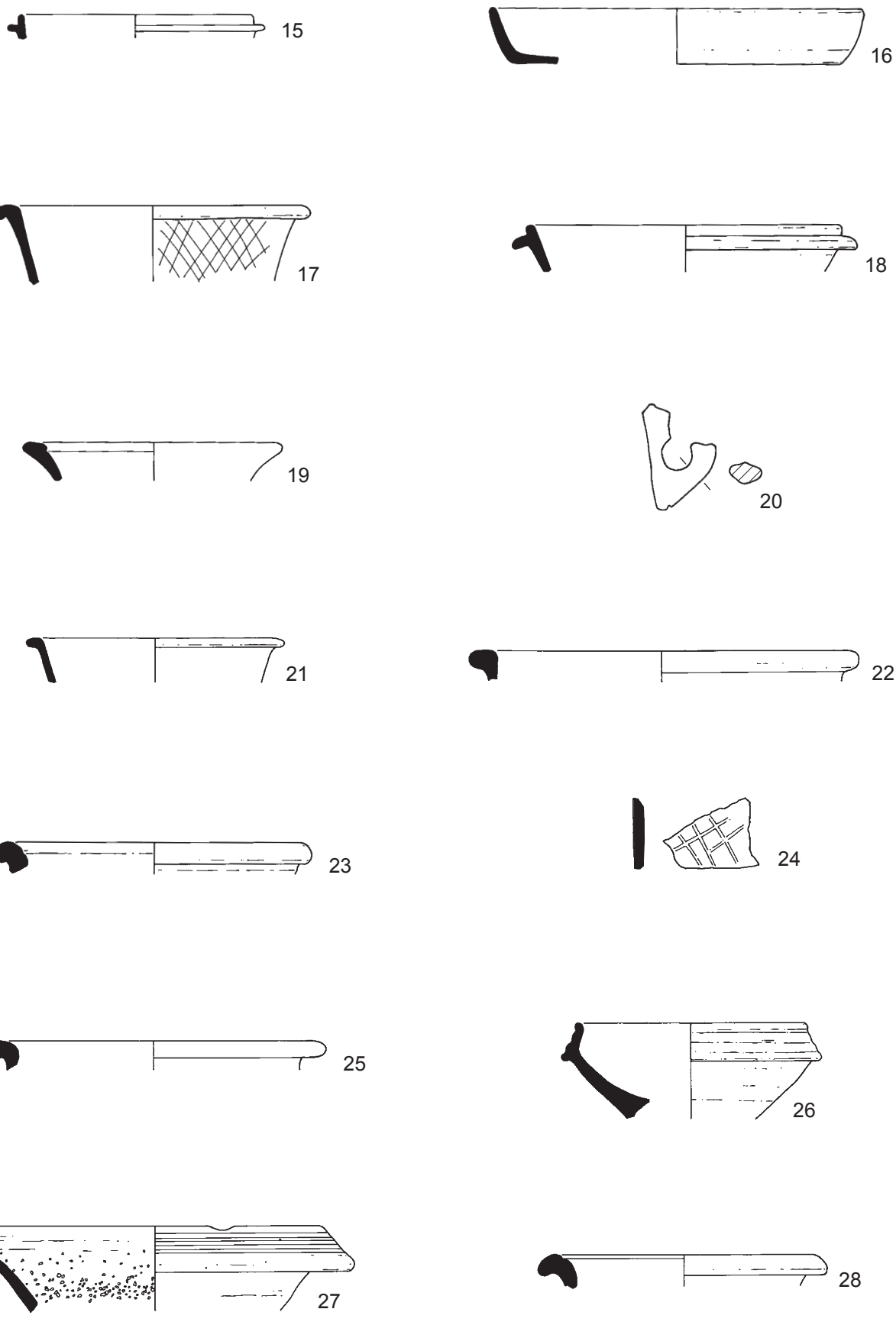

Fig. 27. Romano-British pottery continued. Scale 1:4

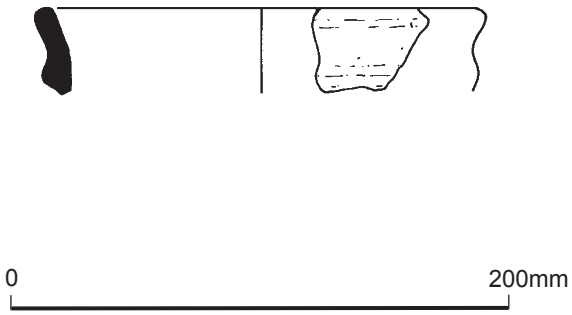

Fig. 28. Late Anglo-Saxon pottery. Scale 1:3

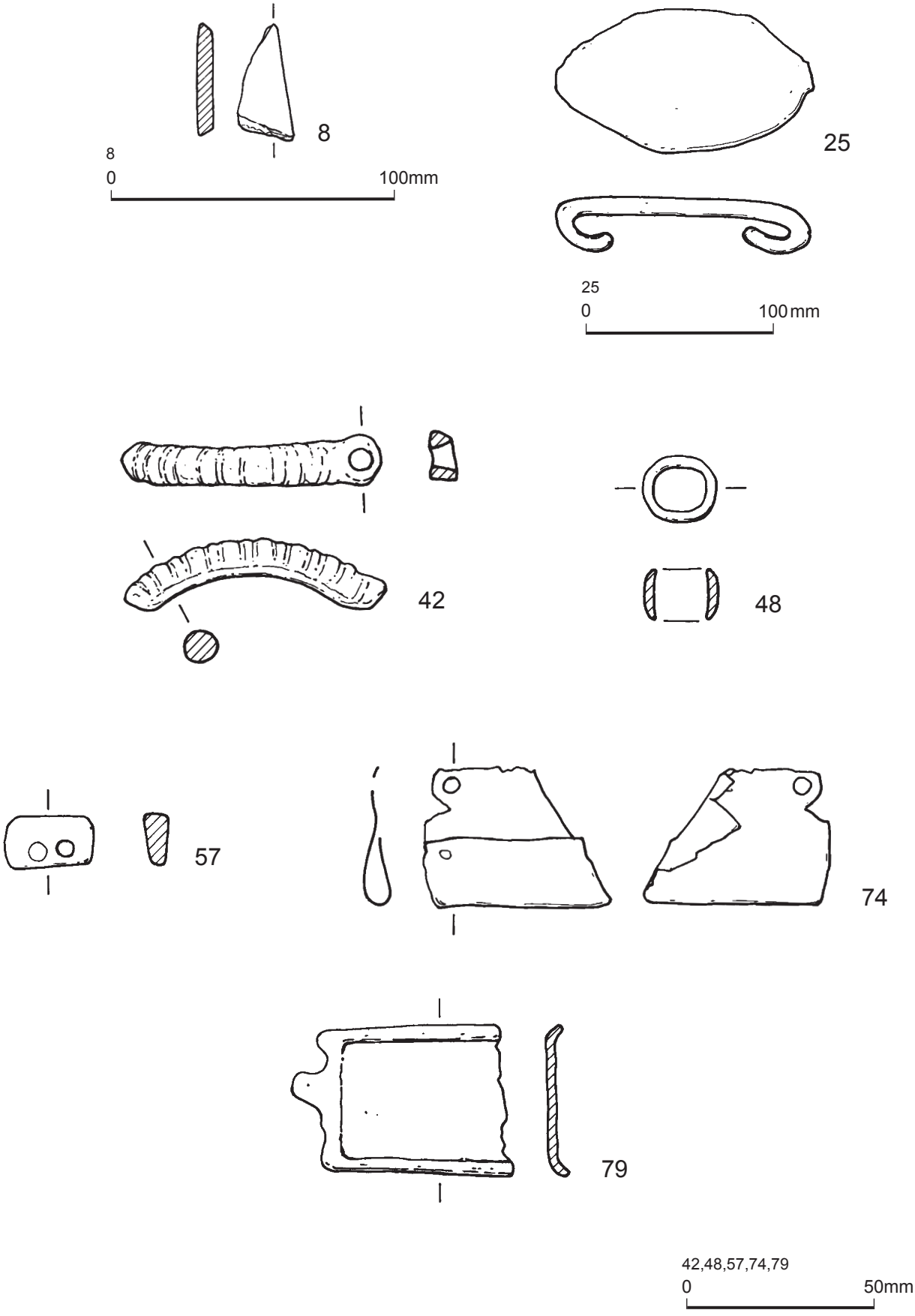

Fig. 29. Small finds. Copper-alloy, 42,48,57,74,79, Scale 2:3. Glass,8, Scale 1:2. Ironwork, 25, Scale 1:3.

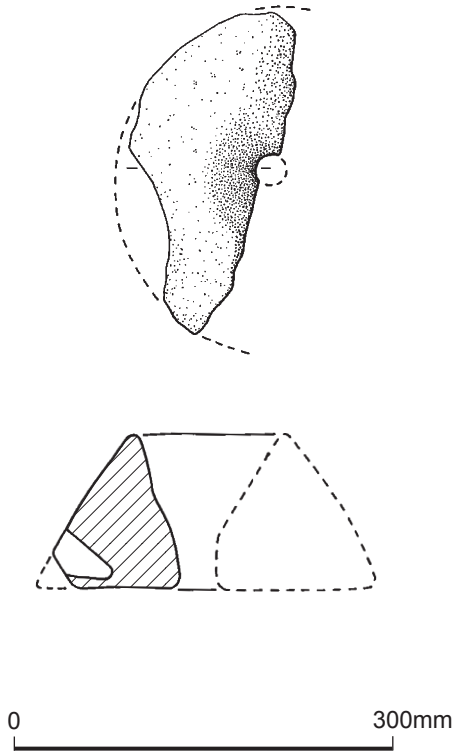

Fig. 30. Quern fragment. Scale 1:6

Plate 1. Part of the Foxcliffe Quarry excavation site carried out in 1999 looking north-west, with Gully 219 visible in the foreground

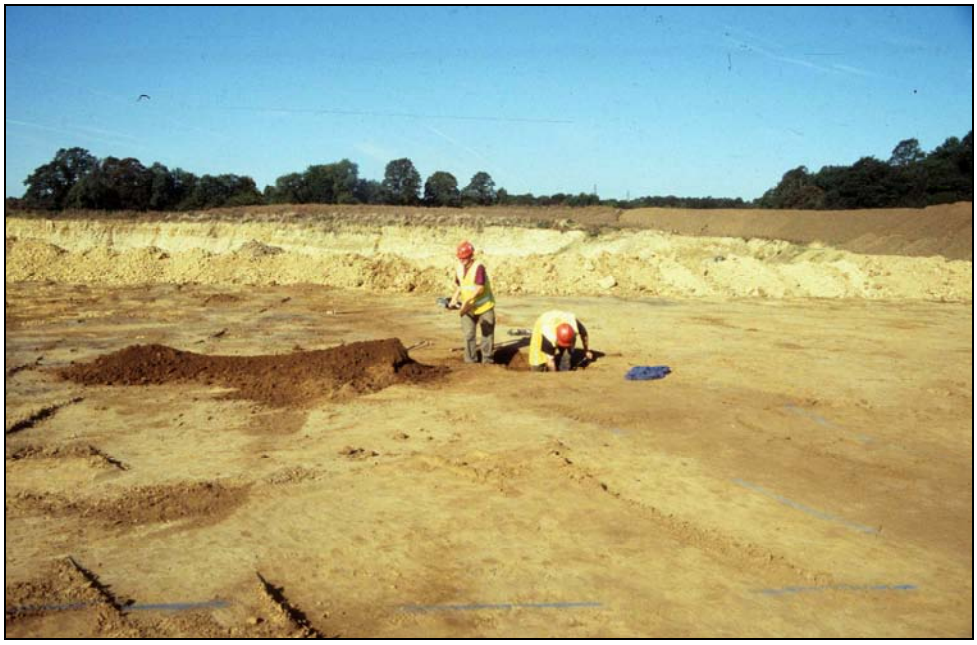

Plate 2. Part of the Byram Park excavation site carried out in 2007 looking north-west. Note the sandy natural overlying the Magnesian Limestone

Plate 3. Skeleton 10 (Phase 2), looking north-east

Plate 4. Skeleton 10 (Phase 2), looking south

Plate 5. Skeleton 1 (Phase 4), looking south

Plate 6. Skeleton 2 (Phase 4), looking north-east

Plate 7. Skeleton 3 (Phase 4), looking south

Plate 8. Skeleton 5 (Phase 4), looking west

Plate 9. Skeleton 6 (Phase 4), looking west

Plate 10. Skeleton 8 (Phase 4), looking west. Pit 1094 is visible to the right of frame cutting the skeleton

Plate 11. Cow skeleton in Pit 1130 (Phase 4), looking north. The partial articulated remains of a second beast is visible to the left of the hind legs

Plate 12. Corn drier 1436 (Phase 4), looking north

Plate 13. Gully 25 (Phase 6) is visible in the foreground with corn driers 1436 and 1458 visible to the left and centre of shot respectively, looking north-west

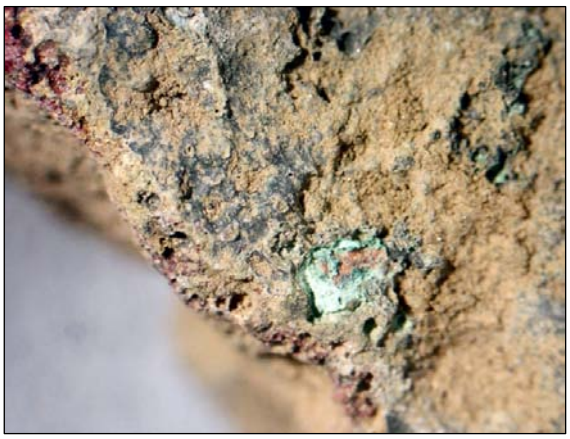

Plate 14. Dark vitrified layer and corroded copper alloy fragments on the surface of crucible 3 (1271) (x16) (Photo: J. Jones)

Plate 15. Chemically bonded corroded copper alloy within the fabric of crucible 3 (1271) (x16) (Photo: J. Jones)

Appendix 1: Inventory of primary archive

Site code	File No.	Description	Quantity
FCQ98	1	Photographic film and film process forms	2
	1	Colour transparency (Film no. 5520)	1
	1	B&W contact sheet (Film no. 5517)	1
	1	Small permatrace sheets	1
FOQ99	2	Context register sheets	6
	2	Context cards (001-008, 101-149, 201-221)	78
	2	Environmental sample catalogue	1
	2	Drawing catalogue	2
	3	Small permatrace sheets	11
	3	Photographic film and film process form	6
	3	Colour transparencies (Film nos 5749, 5765)	2
	3	B&W contact sheets (Film nos 5738, 5767)	2
	3	B&W negatives (Film nos 6049, 6063)	2
FOQ02	4	Context register sheets	1
	4	Context cards (001-011)	11
	4	Drawing register sheets	1
	4	Small permatrace sheets	2
	4	Photograph record sheets	1
	4	Colour transparency (Film No. 6497)	1
BYP05	5	Context register sheets	7
	7	Drawing register sheets	6
	5	Sample register sheets	3
	5	Finds and samples (Form B) sheets	12
	5	Skeleton register sheet	1
	5	Skeleton sheets	13
	5	Small find register sheets	2
	5	Daily site recording forms	21
	5	Photograph record sheets	12
	5	B&W negatives (Film nos 7396, 7399, 7405, 7407, 7428, 7434)	6
	5	B&W contact sheets (Film nos 7396, 7399, 7405, 7407, 7428, 7434)	6
	5	Colour transparencies (Film nos 7395, 7400, 7406, 7408, 7427, 7433)	
	6	Context cards (1000-1164)	165
	7	Small permatrace sheets	60
BYP06	8	Context register sheets	13
	7	Drawing sheet register	2
	7	Drawing register sheets	10
	8	Sample register sheets	4
	8	Small find register sheets	2
	8	Photograph record sheets	18
	8	B&W negatives (Film nos 7686, 7695, 7697, 7710, 7712, 7717, 7729, 7731, 7739)	9

Site code	File No.	Description	Quantity
	8	B&W contact sheets (Film nos 7686, 7695, 7697, 7710, 7712, 7717, 7729, 7731, 7739)	9
	8	Colour transparencies (Film nos 7685, 7694, 7696, 7709, 7711, 7716, 7728, 7730, 7738)	9
	8	Skeleton register sheet	1
	8	Skeleton sheet	1
	8	Finds and samples record (Form B) sheets	13
	9	Context cards (1165-1350)	186
	10	Context cards (1351-1477)	127
	7	Small permatrace sheets	59
	Loose	Large permatrace sheets	18
BYP05/06	Loose	Level book	1
BYP07	11	Context register sheets	1
	11	Drawing sheet register	1
	11	Drawing register sheets	1
	11	Photograph record sheets	2
	11	B&W negatives (Film no. 7992)	1
	11	B&W contact sheets (Film no. 7992)	1
	11	Colour transparency (Film no. 7993)	1
	11	Small find register sheets	1
	11	Sample register sheets	1
	11	Environmental laboratory sheets	6
	11	Finds and samples record (Form B)	2
	11	Contexts cards (1478-1499)	22
	7	Small permatrace sheets	3
BYP07	12	Context register sheets	5
	12	Drawing sheet register	1
	12	Drawing register sheets	5
	12	Photograph record sheets	15
	12	B&W negatives (Film nos 8138, 8199, 8213, 8217, 8219, 8222, 8224)	7
	12	B&W contact sheets (Film nos 8138, 8199, 8213, 8217, 8219, 8222, 8224)	7
	12	Colour transparencies (Film nos 8139, 8173, 8200, 8212, 8216, 8218, 8223, 8225)	8
	12	Digital photo register sheets	1
	12	CD: digital photographs	1
	12	Sample register sheets	1
	12	Environmental laboratory sheets	28
	12	Small find register sheets	1
	12	Finds and samples record (Form B)	5
	12	Daily site recording form	24
	13	Context cards (1500-1603)	104
	14	Small permatrace sheets	21
	Loose	Large permatrace sheets	1
	Loose	Level book	1

Appendix 2: Concordance of contexts

Abbreviations

-	Natural feature
∞	Unphased feature

Bone	Animal bone
CBM	Ceramic building material
Crem. Hum.	Cremated human bone
Cruc.	Crucible
Cu. A.	Copper alloy object
Fe. O.	Iron object
GBA	General biological analysis soil sample
Gl.	Glass
Gl. O.	Glass object
Hum.	Human bone
LAS pot	Late Anglo-Saxon pottery
Lead O.	Lead object
LIA pot	Late Iron Age pottery
Med. pot	Medieval pottery
P. Med. pot	Post-medieval pottery
RB pot	Romano-British pottery

Context	Site	Group	Phase	Description	Artefacts and environmental samples
100	FCQ98	31	4	Secondary fill of ditch 101	
101	FCQ98	31	4	Cut of ditch	
102	FCQ98	32	4	Fill of ditch 103	
103	FCQ98	32	4	Cut of ditch	
104	FCQ98	31	4	Fill of ditch 101	
001	FOQ99		∞	Cut of possible quarry pit	
002	FOQ99		∞	Fill of quarry pit 001	
003	FOQ99		-	Solution feature	
004	FOQ99		-	Fill of solution feature 003	
005	FOQ99		-	Solution feature	
006	FOQ99		-	Fill of solution feature 005	
007	FOQ99		∞	Cut of rectilinear feature	
008	FOQ99		∞	Cut of field boundary	
101	FOQ99		-	Cut of solution feature	

Context	Site	Group	Phase	Description	Artefacts and environmental samples
102	FOQ99		-	Fill of solution feature 101	
103	FOQ99		-	Cut of solution feature	
104	FOQ99		-	Fill of solution feature 103	
105	FOQ99		-	Cut of solution feature	
106	FOQ99		-	Fill of solution feature 105	
107	FOQ99		-	Cut of solution feature	
108	FOQ99		-	Fill of solution feature 107	
109	FOQ99		-	Cut of solution feature	
110	FOQ99		-	Fill of solution feature 109	
111	FOQ99		-	Unexcavated solution feature	
112	FOQ99		-	Unexcavated solution feature	
113	FOQ99		-	Unexcavated solution feature	
114	FOQ99		-	Unexcavated solution feature	
115	FOQ99		-	Cut of solution feature	
116	FOQ99		-	Fill of solution feature 115	
117	FOQ99		-	Cut of solution feature	
118	FOQ99		-	Fill of solution feature 117	
119	FOQ99		-	Cut of solution feature	
120	FOQ99		-	Primary fill of solution feature 119	
121	FOQ99		-	Secondary fill of solution feature 119	
122	FOQ99		-	Cut of solution feature	
123	FOQ99		-	Fill of solution feature 122	
124	FOQ99		-	Cut of solution feature	
125	FOQ99		-	Fill of solution feature 124	
126	FOQ99		-	Cut of solution feature	
127	FOQ99		-	Fill of solution feature 126	GBA 1
128	FOQ99		-	Cut of solution feature	
129	FOQ99		-	Fill of solution feature 128	
130	FOQ99		-	Cut of solution feature	
131	FOQ99		-	Fill of solution feature 130	
132	FOQ99		-	Cut of solution feature	
133	FOQ99		-	Fill of solution feature 132	GBA2
134	FOQ99		-	Cut of solution feature	
135	FOQ99		-	Fill of solution feature 134	
136	FOQ99		-	Cut of solution feature	
137	FOQ99		-	Fill of solution feature 136	
138	FOQ99		-	Cut of solution feature	
139	FOQ99		-	Fill of solution feature 138	GBA 3
140	FOQ99		-	Cut of solution feature	
141	FOQ99		-	Fill of solution feature 140	
142	FOQ99		-	Cut of solution feature	
143	FOQ99		-	Fill of solution feature 142	
144	FOQ99		-	Cut of solution feature	
145	FOQ99		-	Fill of solution feature 144	

Context	Site	Group	Phase	Description	Artefacts and environmental samples
146	FOQ99		-	Cut of solution feature	
147	FOQ99		-	Fill of solution feature 146	GBA 4
148	FOQ99		-	Cut of solution feature	
149	FOQ99		-	Fill of solution feature 148	
201	FOQ99	31	4	Secondary fill of ditch 202	RB pot (1); Flint (3); GBA 6
202	FOQ99	31	4	Cut of ditch	
203	FOQ99	33	4	Cut of ditch	
204	FOQ99	33	4	Fill of ditch 203	GBA 5
205	FOQ99	31	4	Primary fill of ditch 202	
206	FOQ99	33	4	Secondary fill of ditch 208	Med. pot (4); Slag (1); GBA 7
207	FOQ99	33	4	Primary fill of ditch 208	Med. pot (2); GBA 8
208	FOQ99	33	4	Cut of ditch	
209	FOQ99	32	4	Cut of ditch	
210	FOQ99	32	4	Secondary fill of ditch 209	Bone (11)
211	FOQ99	32	4	Primary fill of ditch 209	GBA 9
212	FOQ99		∞	Cut of pit	
213	FOQ99		∞	Fill of pit 212	Flint (1); GBA 10
214	FOQ99	31	4	Cut of ditch	
215	FOQ99	31	4	Fill of ditch 214	
216	FOQ99	33	4	Cut of ditch	
217	FOQ99	33	4	Primary fill of ditch 216	
218	FOQ99	33	4	Secondary fill of ditch 216	RB pot (4)
219	FOQ99		∞	Cut of gully	
220	FOQ99		∞	Primary fill of gully 219	GBA 11
221	FOQ99		∞	Secondary fill of gully 219	
001	FOQ02		-	Topsoil	
002	FOQ02		-	Subsoil	
003	FOQ02		∞	Fill of gully 004	
004	FOQ02		∞	Natural gully	
005	FOQ02		∞	Fill of gully 006	
006	FOQ02		∞	Natural gully	
007	FOQ02	31	4	Secondary fill of ditch 009	
008	FOQ02	31	4	Primary fill of ditch 009	
009	FOQ02	31	4	Cut of ditch	
010	FOQ02	32	4	Fill of ditch 011	
011	FOQ02	32	4	Cut of ditch	
1000	BYP05		-	Topsoil	-
1001	BYP05		-	Subsoil	-
1002	BYP05		4	Secondary fill of pit 1004	RB pot (1)
1003	BYP05		4	Primary fill of pit 1004	RB pot (1); Bone (2)
1004	BYP05		4	Cut of pit	
1005	BYP05		4	Fill of pit 1006	RB pot (8)
1006	BYP05		4	Cut of pit	
1007	BYP05	1	4	Fill of ditch 1008	Bone (30)
1008	BYP05	1	4	Cut of ditch	
1009	BYP05	3	4	Fill of ditch 1010	RB pot (1); Bone (3); GBA 39

Context	Site	Group	Phase	Description	Artefacts and environmental samples
1010	BYP05	3	4	Cut of ditch	
1011	BYP05	8	3	Primary fill of ditch terminus 1012	Bone (22); GBA 36
1012	BYP05	8	3	Cut of ditch terminus	
1013	BYP05	2	4	Fill of ditch terminus 1014	Bone (13); GBA 35
1014	BYP05	2	4	Cut of ditch terminus	
1015	BYP05		4	Fill of grave 1016 (SK1)	Fe O. (1); Hum.; Bone (8); GBAs 1,2,3,4,5,6,7,8,9,10
1016	BYP05		4	Cut of grave (SK1)	
1017	BYP05		4	Fill of grave 1018 (SK2)	Fe O. (3); Hum.; GBAs 11,12,13,14,15,16,17
1018	BYP05		4	Cut of grave (SK2)	
1019	BYP05		4	Fill of grave 1020 (SK3)	Fe O. (2); Hum.; Bone (1); GBAs 19,20,21,22,23,24,25,26, 27,28,29,30
1020	BYP05		4	Cut of grave (SK3)	
1021	BYP05	1	4	Fill of ditch 1022	RB pot (10); Gl. O. (1); Fe O. (1); Bone (5); GBA 37
1022	BYP05	1	4	Cut of ditch	
1023	BYP05	1	4	Fill of ditch 1024	Bone (2)
1024	BYP05	1	4	Cut of ditch	
1025	BYP05	10	6	Fill of furrow 1026	Fe O. (1)
1026	BYP05	10	6	Cut of furrow	
1027	BYP05		-	Fill of plough scar 1028	
1028	BYP05		-	Cut of modern plough scar	
1029	BYP05	1	4	Fill of ditch 1030	
1030	BYP05	1	4	Cut of ditch	
1031	BYP05	3	4	Fill of ditch 1032	RB pot (9); Fe O. (1); Flint (1); Bone (61)
1032	BYP05	3	4	Cut of ditch	
1033	BYP05			VOID	
1034	BYP05			VOID	
1035	BYP05	2	4	Fill of ditch 1036	Bone (3); GBA 31
1036	BYP05	2	4	Cut of ditch	
1037	BYP05	8	3	Fill of ditch 1038	Bone (1)
1038	BYP05	8	3	Cut of ditch	
1039	BYP05	1	4	Fill of ditch 1040	RB pot (1); Fired clay (2); Flint (2); GBA 32
1040	BYP05	1	4	Cut of ditch	
1041	BYP05	8	3	Primary fill of ditch terminus 1043	Fired clay (6); Flint (1); Bone (82)
1042	BYP05	8	3	Secondary deposit within ditch terminus 1043 (possible cremation)	Cu. O. (5); Fe O. (4); Flint (1); Crem. Hum.; Bone (278); GBA 33
1043	BYP05	8	3	Cut of ditch terminus	
1044	BYP05	1	4	Fill of ditch 1045	
1045	BYP05	1	4	Cut of ditch	
1046	BYP05	1	4	Fill of ditch 1047	RB pot (4); Bone (21); GBA 34
1047	BYP05	1	4	Cut of ditch	

Context	Site	Group	Phase	Description	Artefacts and environmental samples
1048	BYP05		4	Fill of pit 1049	RB pot (55); Samian (1); Coin (1); Gl. O. (1); Gl. (2); Fe O. (4); Flint (2); Bone (47); GBA 38
1049	BYP05		4	Cut of pit	
1050	BYP05	10	6	Fill of furrow 1051	Coin (1)
1051	BYP05	10	6	Cut of furrow	
1052	BYP05		∞	Fill of pit 1053	Bone (1); GBA 40
1053	BYP05		∞	Cut of pit	
1054	BYP05	10	6	Fill of furrow 1055	Bone (2); GBA 41
1055	BYP05	10	6	Cut of furrow	
1056	BYP05	3	4	Fill of ditch 1057	Samian (1); Flint (2); Bone (20); GBA 42
1057	BYP05	3	4	Cut of ditch	
1058	BYP05		6	Fill of furrow 1059	
1059	BYP05		6	Cut of furrow	
1060	BYP05		4	Fill of pit 1061	RB pot (7); Samian (1); GBA 48
1061	BYP05		4	Cut of pit	
1062	BYP05		4	Upper fill of corn drier 1065	RB pot (1); LAS pot (1); CBM (1); Bone (141)
1063	BYP05		4	Reddish clay secondary deposit in 1065	Bone (2); GBA 43
1064	BYP05		4	Burnt deposit at base of 1065	Bone (1); GBA 44
1065	BYP05		4	Cut of corn drier	
1066	BYP05		4	Fill of grave 1067 (SK5)	RB pot (1); Hum.; Bone (21); GBA 45
1067	BYP05		4	Cut of grave (SK5)	
1068	BYP05		6	Fill of furrow 1069	
1069	BYP05		6	Cut of furrow	
1070	BYP05		4	Fill of grave 1071 (SK6)	RB pot (1); Fe O. (9); Cu. A. (1); Hum.; Bone (10); GBA 46
1071	BYP05		4	Cut of grave (SK6)	
1072	BYP05	5	∞	Fill of ditch terminus 1073	GBA 47
1073	BYP05	5	∞	Cut of ditch terminus	
1074	BYP05	5	∞	Fill of ditch terminus 1075	Bone (9); GBA 49
1075	BYP05	5	∞	Cut of ditch terminus	
1076	BYP05	4	4	Fill of ditch 1077	RB pot (1); Flint (1); Bone (8)
1077	BYP05	4	4	Cut of ditch	
1078	BYP05		∞	Fill of pit 1079	Bone (13); GBA 50
1079	BYP05		∞	Cut of pit	
1080	BYP05		4	Fill of pit 1081	RB pot (5); Slag (1); Bone (15)
1081	BYP05		4	Cut of pit	
1082	BYP05		∞	Fill of pit 1083	Fe O. (1); Bone (8); GBA 51
1083	BYP05		∞	Cut of pit	
1084	BYP05	26	4	Fill of ditch 1085	Bone (28); GBA 52
1085	BYP05	26	4	Cut of ditch	
1086	BYP05	3	4	Fill of ditch 1087	LAS pot (6); Bone (1); GBA 53
1087	BYP05	3	4	Cut of ditch	
1088	BYP05		∞	Fill of 1089	

Context	Site	Group	Phase	Description	Artefacts and environmental samples
1089	BYP05		∞	Cut of pit or post-hole	
1090	BYP05		4	Secondary fill of ?pit 1092	RB pot (1); Bone (6)
1091	BYP05		4	Primary fill of ?pit 1092	Bone (2); GBA 54
1092	BYP05		4	Cut of ?pit	
1093	BYP05		∞	Fill of pit 1094	Bone (1); GBA 55
1094	BYP05		∞	Cut of pit	
1095	BYP05	3	4	Fill of ditch 1096	Bone (1); GBA 56
1096	BYP05	3	4	Cut of ditch	
1097	BYP05	6	3	Fill of ditch 1098	Flint (1)
1098	BYP05	6	3	Cut of ditch	
1099	BYP05		-	Fill of solution hole 1100	
1100	BYP05		-	Solution hole	
1101	BYP05		-	Fill of solution hole 1102	
1102	BYP05		-	Solution hole	
1103	BYP05	6	3	Fill of ditch 1104	Bone (10); GBA 57
1104	BYP05	6	3	Cut of ditch	
1105	BYP05	6	3	Fill of ditch 1106	RB pot (15); Bone (30); GBA 58
1106	BYP05	6	3	Cut of ditch	
1107	BYP05	6	3	Fill of ditch 1108	RB pot (2)
1108	BYP05	6	3	Cut of ditch	
1109	BYP05	7	3	Fill of ditch 1110	Flint (1)
1110	BYP05	7	3	Cut of ditch	
1111	BYP05	7	3	Fill of ditch 1112	RB pot (1); GBA 59
1112	BYP05	7	3	Cut of ditch	
1113	BYP05	6	3	Fill of ditch 1114	RB pot (2); Bone (34); GBA 60
1114	BYP05	6	3	Cut of ditch	
1115	BYP05	9	5	Fill of ditch 1116	
1116	BYP05	9	5	Cut of ditch	
1117	BYP05	9	5	Fill of ditch 1118	P. Med. pot (1); Bone (1); GBA 61
1118	BYP05	9	5	Cut of ditch	
1119	BYP05	4	4	Fill of ditch 1120	GBA 62
1120	BYP05	4	4	Cut of ditch	
1121	BYP05		∞	Fill of 1122	Bone (1)
1122	BYP05		∞	Cut of pit or post-hole	
1123	BYP05	6	3	Fill of ditch 1124	RB pot (5); Bone (18); GBA 63
1124	BYP05	6	3	Cut of ditch	
1125	BYP05	28	4	Fill of ditch 1126	GBA 64
1126	BYP05	28	4	Cut of ditch	
1127	BYP05	4	4	Fill of ditch 1128	RB pit (168);
1128	BYP05	4	4	Cut of ditch	
1129	BYP05		4	Fill of pit 1130 containing animal ‘burial’ (SK7)	Fe O. (1); Bone (1136); GBA 65
1130	BYP05		4	Cut of pit	
1131	BYP05	12	4	Fill of ditch 1132	GBA 66
1132	BYP05	12	4	Cut of ditch	
1133	BYP05	4	4	Fill of ditch 1134	

Context	Site	Group	Phase	Description	Artefacts and environmental samples
1134	BYP05	4	4	Cut of ditch	
1135	BYP05	3	4	Fill of ditch 1136	
1136	BYP05	3	4	Cut of ditch	
1137	BYP05	3	4	Fill of ditch 1138	Bone (1); Oyster shell (4)
1138	BYP05	3	4	Cut of ditch	
1139	BYP05	28	4	Fill of ditch 1140	GBA 67
1140	BYP05	28	4	Cut of ditch	
1141	BYP05	27	4	Fill of ditch 1142	
1142	BYP05	27	4	Cut of ditch	
1143	BYP05	28	4	Fill of ditch 1144	Bone (6)
1144	BYP05	28	4	Cut of ditch	
1145	BYP05	27	4	Fill of ditch 1146	
1146	BYP05	27	4	Cut of ditch	
1147	BYP05	3	4	Fill of ditch 1148	
1148	BYP05	3	4	Cut of ditch	
1149	BYP05		4	Fill of grave 1150 (SK8)	Fe O. (1); Hum.; GBA 68
1150	BYP05		4	Cut of grave (SK8)	
1151	BYP05	26	4	Fill of ditch 1152	GBA 69
1152	BYP05	26	4	Cut of ditch	
1153	BYP05	26	4	Fill of ditch 1154	Bone (1); GBA 70
1154	BYP05	26	4	Cut of ditch	
1155	BYP05	26	4	Fill of ditch 1156	
1156	BYP05	26	4	Cut of ditch	
1157	BYP05	3	4	Fill of ditch 1158	
1158	BYP05	3	4	Cut of ditch	
1159	BYP05	26	4	Fill of ditch terminus 1160	
1160	BYP05	26	4	Cut of ditch terminus	
1161	BYP05	3	4	Fill of ditch 1162	
1162	BYP05	3	4	Cut of ditch	
1163	BYP05		∞	Fill of post-hole 1164	
1164	BYP05		∞	Cut of post-hole	
1165	BYP06		6	Fill of plough furrow 1166	
1166	BYP06		6	Cut of plough furrow	
1167	BYP06		6	Fill of plough furrow 1168	
1168	BYP06		6	Cut of plough furrow	
1169	BYP06		6	Fill of plough furrow 1170	
1170	BYP06		6	Cut of plough furrow	
1171	BYP06		6	Fill of plough furrow 1172	
1172	BYP06		6	Cut of plough furrow	
1173	BYP06		6	Cut of plough furrow	
1174	BYP06		6	Fill of plough furrow 1173	
1175	BYP06		6	Cut of plough furrow	
1176	BYP06		6	Fill of plough furrow 1175	Med. pot (1)
1177	BYP06		6	Cut of plough furrow	
1178	BYP06		6	Fill of plough furrow 1178	
1179	BYP06		6	Fill of plough furrow 1180	

Context	Site	Group	Phase	Description	Artefacts and environmental samples
1180	BYP06		6	Cut of plough furrow	
1181	BYP06		6	Fill of plough furrow 1182	Med. pot (1)
1182	BYP06		6	Cut of plough furrow	
1183	BYP06		6	Fill of plough furrow 1184	
1184	BYP06		6	Cut of plough furrow	
1185	BYP06		∞	Fill of tree bowl 1186	
1186	BYP06		∞	Cut of tree bowl	
1187	BYP06	13	3	Fill of gully 1188	
1188	BYP06	13	3	Cut of gully	
1189	BYP06		6	Fill of plough furrow 1190	
1190	BYP06		6	Cut of plough furrow	
1191	BYP06	17	6	Primary fill of gully 1193	Slag (1); GBA 71
1192	BYP06	17	6	Limestone fragments in gully 1193	
1193	BYP06	17	6	Cut of gully	
1194	BYP06			VOID	
1195	BYP06			VOID	
1196	BYP06		-	Topsoil see 1000	
1197	BYP06	13	3	Fill of ditch 1198	GBA 72
1198	BYP06	13	3	Cut of ditch	
1199	BYP06	11	3	Cut of ditch	
1200	BYP06	11	3	Fill of ditch 1199	Fe O. (1); Flint (3); GBA 73
1201	BYP06	11	3	?Re-cut of ditch 1199	
1202	BYP06	11	3	Primary fill of re-cut 1201	RB pot (1); Cu. A. (1); Slag (2)
1203	BYP06	11	3	Primary fill of re-cut 1204	GBA 75
1204	BYP06	11	3	?Re-cut of ditch 1206	
1205	BYP06	11	3	Primary fill of ditch 1206	GBA 74
1206	BYP06	11	3	Cut of ditch	
1207	BYP06		-	Subsoil same as 1001	
1208	BYP06	11	3	Secondary fill of re-cut 1204	
1209	BYP06	11	3	Secondary fill of ditch 1211	Fe O. (2); Bone (41)
1210	BYP06	11	3	Primary fill of ditch 1211	Flint (2); Bone (1); GBA 76
1211	BYP06	11	3	Cut of ditch	
1212	BYP06		6	Fill of furrow 1213	
1213	BYP06		6	Cut of furrow	
1214	BYP06	14	5	Fill of gully 1215	GBA 77
1215	BYP06	14	5	Cut of gully	
1216	BYP06	9	5	Fill of ditch 1217	Med. pot (1); Coin (1); GBA 78
1217	BYP06	9	5	Cut of ditch	
1218	BYP06	13	3	Fill of ditch 1219	GBA 83
1219	BYP06	13	3	Cut of ditch	
1220	BYP06	38	6	Fill of gully 1221	
1221	BYP06	38	6	Cut of gully	
1222	BYP06		∞	Cut of post-hole	
1223	BYP06		∞	Fill of post-hole 1222	GBA 79
1224	BYP06	4	4	Cut of ditch	

Context	Site	Group	Phase	Description	Artefacts and environmental samples
1225	BYP06	4	4	Fill of ditch 1224	Flint (1); GBA 80
1226	BYP06	4	4	Fill of ditch 1227	
1227	BYP06	4	4	Cut of ditch	
1228	BYP06	13	3	Fill of ditch 1229	
1229	BYP06	13	3	Cut of ditch	
1230	BYP06	4	4	Fill of ditch 1231	GBA 81
1231	BYP06	4	4	Cut of ditch	
1232	BYP06	18	4	Cut of gully	
1233	BYP06	18	4	Fill of gully 1232	
1234	BYP06	14	5	Fill of gully 1235	Cu. O. (1)
1235	BYP06	14	5	Cut of gully	
1236	BYP06	38	6	Fill of gully 1237	
1237	BYP06	38	6	Cut of gully	
1238	BYP06	38	6	Fill of gully 1239	Fe O. (1); GBA 82
1239	BYP06	38	6	Cut of gully	
1240	BYP06	9	5	Fill of ditch 1241	GBA 84
1241	BYP06	9	5	Cut of ditch	
1242	BYP06		6	Fill of furrow 1243	
1243	BYP06		6	Cut of furrow	
1244	BYP06		6	Fill of furrow 1245	
1245	BYP06		6	Cut of furrow	
1246	BYP06	14	5	Fill of gully 1247	
1247	BYP06	14	5	Cut of gully	
1248	BYP06	15	3	Fill of gully terminus 1249	RB pot (11); GBA 87
1249	BYP06	15	3	Cut of gully terminus	
1250	BYP06		∞	Fill of pit 1251	GBA 85
1251	BYP06		∞	Cut of pit	
1252	BYP06		4	Primary fill of pit 1253	RB pot (1); GBA 86
1253	BYP06		4	Cut of pit/?hearth	
1254	BYP06		4	Secondary fill of pit 1253	RB pot (5)
1255	BYP06	15	3	Fill of gully 1256	Bone (1); GBA 90
1256	BYP06	15	3	Cut of gully	
1257	BYP06		∞	Fill of pit 1258	GBA 88
1258	BYP06		∞	Cut of pit	
1259	BYP06	11	3	Secondary fill of ditch 1261	Amphora (1)
1260	BYP06	11	3	Primary fill of ditch 1261	Cu. O. (1); Bone (22); GBA 89
1261	BYP06	11	3	Cut of ditch	
1262	BYP06	15	3	Fill of gully terminus 1263	RB pot (1)
1263	BYP06	15	3	Cut of gully terminus	
1264	BYP06	12	3	Fill of gully terminus 1265	GBA 91
1265	BYP06	12	3	Cut of gully terminus	
1266	BYP06	6	3	Secondary fill of re-cut 1294 of ditch 1293	RB pot (9); Cu. O. (5); Cruc. (1); Flint (1); Bone (10)
1267	BYP06	15	3	Fill of gully 1268	RB pot (5); Fe O. (1); Cu. A. (2); Cruc. (1); Ceramic fragments (6)
1268	BYP06	15	3	Cut of gully	

Context	Site	Group	Phase	Description	Artefacts and environmental samples
1269	BYP06		6	Fill of furrow 1270	Med. pot (2); GBA 92
1270	BYP06		6	Cut of furrow	
1271	BYP06	6	3	Fill of ditch 1272	RB pot (34); Samian (18); Amphora (7); Med. pot (1); Cu. A. (1); Fe O. (1); Cruc. (8); Slag (1); Ceramic fragment (1); Bone (22); GBA 93
1272	BYP06	6	3	Cut of ditch	
1273	BYP06	11	3	Upper fill of 1278	RB pot (2); Amphora (1); P. Med. pot (1); Fe O. (3); Bone (27)
1274	BYP06			VOID	
1275	BYP06	11	3	Tertiary fill of ditch 1278	
1276	BYP06	11	3	Secondary fill of ditch 1278	RB pot (12); Cu. O. (1); Fe O. (1); Bone (34); GBA 95
1277	BYP06	11	3	Primary fill of ditch 1278	Bone (2); GBA 94
1278	BYP06	11	3	Cut of ditch	
1279	BYP06	15	3	Fill of gully 1280	RB pot (3); Cu. A. (5)
1280	BYP06	15	3	Cut of gully	
1281	BYP06	6	3	Fill of ditch 1282	RB pot (50); Samian (4); Cu. O. (3); Fe O. (1); Cruc. (2); Bone (112); GBA 96
1282	BYP06	6	3	Cut of ditch	
1283	BYP06	38?	3	Fill of hearth/pit 1284	RB pot (2); GBA 97
1284	BYP06	38?	3	Cut of hearth/burnt pit	
1285	BYP06	38	3	Fill of post-hole 1286	Med. pot (1); GBA 98
1286	BYP06	38	3	Cut of post-hole	
1287	BYP06	38	3	Fill of post-hole 1288	Fe O. (1); GBA 99
1288	BYP06	38	3	Cut of post-hole	
1289	BYP06		∞	Fill of pit 1290	GBA 100
1290	BYP06		∞	Cut of pit	
1291	BYP06	6	4?	Fill of ditch 1292	
1292	BYP06	6	4?	?Re-cut over ditch 1293 same as 1309	
1293	BYP06	6	3	Cut of ditch	
1294	BYP06	6	3	Re-cut of ditch 1293	
1295	BYP06	6	3	Primary fill of ditch 1293	GBA 102
1296	BYP06	6	3	Primary fill of ditch 1307	
1297	BYP06	6	3	Secondary fill of ditch 1293	Bone (11)
1298	BYP06	6	3	Primary fill of ditch re-cut 1294	
1299	BYP06	38	3	Fill of post-hole 1300	GBA 101
1300	BYP06	38	3	Cut of post-hole	
1301	BYP06	38	3	Fill of post-hole 1302	GBA 103
1302	BYP06	38	3	Cut of post-hole	
1303	BYP06		∞	Fill of pit 1304	GBA 105
1304	BYP06		∞	Cut of pit	
1305	BYP06	38?	3	Fill of pit 1306	RB pot (3); GBA 104
1306	BYP06	38?	3	Cut of pit	
1307	BYP06	6	3	Cut of ditch	

Context	Site	Group	Phase	Description	Artefacts and environmental samples
1308	BYP06	6	4?	Fill of ditch 1309	
1309	BYP06	6	4?	Recut over ditch 1311 same as 1292	
1310	BYP06	6	3	Fill of ditch terminus 1311	RB pot (25); Samian (1); Cu. O. (1); Fe O. (1); Flint (2); Bone (10); GBA 106
1311	BYP06	6	3	Cut of ditch terminus	
1312	BYP06	6	3	Secondary fill of ditch 1293	
1313	BYP06		4	Fill of post-hole 1314	RB pot (1); GBA 107
1314	BYP06		4	Cut of post-hole	
1315	BYP06		∞	Fill of post-hole 1316	GBA 108
1316	BYP06		∞	Cut of post-hole	
1317	BYP06	14	5	Fill of gully 1318	LAS pot (1)
1318	BYP06	14	5	Cut of gully	
1319	BYP06	22	3	Fill of gully 1320	GBA 109
1320	BYP06	22	3	Cut of gully	
1321	BYP06	22	3	Fill of gully 1322	
1322	BYP06	22	3	Cut of gully	
1323	BYP06	14	5	Fill of gully 1324	
1324	BYP06	14	5	Cut of gully	
1325	BYP06	9	5	Fill of ditch 1326	Med. pot (1); GBA 110
1326	BYP06	9	5	Cut of ditch	
1327	BYP06		∞	Fill of post-hole 1328	Bone (1); GBA 111
1328	BYP06		∞	Cut of post-hole	
1329	BYP06	18	4	Fill of gully 1330	GBA 112
1330	BYP06	18	4	Cut of gully	
1331	BYP06		6	Fill of furrow 1332	Fe O. (3)
1332	BYP06		6	Cut of furrow	
1333	BYP06	18	4	Fill of gully 1334	
1334	BYP06	18	4	Cut of gully	
1335	BYP06	1	4	Fill of ditch 1336	Bone (32); GBA 113
1336	BYP06	1	4	Cut of ditch	
1337	BYP06	19	6	Fill of furrow 1338	
1338	BYP06	19	6	Cut of furrow	
1339	BYP06		∞	Fill of double post-hole 1340	GBA 114
1340	BYP06		∞	Cut of double post-hole	
1341	BYP06	19	6	Fill of furrow 1342	
1342	BYP06	19	6	Cut of furrow	
1343	BYP06	4	4	Fill of ditch 1344	Flint (1); Bone (4)
1344	BYP06	4	4	Cut of ditch	
1345	BYP06		6	Fill of pit 1346	CBM (1); GBA 115
1346	BYP06		6	Cut of pit	
1347	BYP06		∞	Fill of post-hole 1348	GBA 116
1348	BYP06		∞	Cut of post-hole	
1349	BYP06		6	Fill of pit 1350	P. Med. pot (1); Bone (1); GBA 117
1350	BYP06		6	Cut of pit	
1351	BYP06	35?	6	Fill of pit 1352	GBA 118

Context	Site	Group	Phase	Description	Artefacts and environmental samples
1352	BYP06	35?	6	Cut of pit	
1353	BYP06		∞	Fill of tree bowl 1354	
1354	BYP06		∞	Cut of tree bowl	
1355	BYP06	20?	6	Fill of furrow 1356	Bone (4)
1356	BYP06	20?	6	Cut of furrow	
1357	BYP06		7	Fill of ditch pit 1358	GBA 119
1358	BYP06		7	Cut of ditch pit	
1359	BYP06	1	4	Fill of ditch 1360	Bone (3)
1360	BYP06	1	4	Cut of ditch	
1361	BYP06	20	6	Fill of furrow 1362	
1362	BYP06	20	6	Cut of furrow	
1363	BYP06		4	Fill of pit 1364	CBM (1); Cu. O. (1); GBA 120
1364	BYP06		4	Cut of irregular pit	
1365	BYP06		6	Primary fill of re-cut 1366 of pit	
1366	BYP06		6	Re-cut of pit	
1367	BYP06		-	Spread in 1368	Bone (4); GBA 125
1368	BYP06		-	Natural depression in limestone bedrock	
1369	BYP06		4	Fill of post-hole 1370	CBM (1); Bone (2); GBA 121
1370	BYP06		4	Cut of post-hole	
1371	BYP06		6	Secondary fill of 1374	GBA 123
1372	BYP06			VOID	
1373	BYP06		6	Primary fill of pit 1374	Fe O. (1); Bone (9); GBA 122
1374	BYP06		6	Cut of pit	
1375	BYP06		∞	Fill of 1376	GBA 124
1376	BYP06		∞	Natural depression same as 1368	
1377	BYP06		∞	Fill of pit 1378	Bone (28); GBA 126
1378	BYP06		∞	Cut of pit	
1379	BYP06	20	6	Fill of furrow 1380	GBA 132
1380	BYP06	20	6	Cut of furrow	
1381	BYP06	25	6	Fill of gully 1381	
1382	BYP06	25	6	Cut of gully	
1383	BYP06	25	6	Fill of gully 1384	GBA 127
1384	BYP06	25	6	Cut of gully	
1385	BYP06	20	6	Upper fill of furrow 1386	
1386	BYP06	20	6	Cut of furrow	
1387	BYP06	21	5	Fill of gully 1388	LAS pot (5); GBA 128
1388	BYP06	21	5	Cut of gully	
1389	BYP06	21	5	Fill of gully 1390	
1390	BYP06	21	5	Cut of gully	
1391	BYP06	21	5	Fill of gully 1392	
1392	BYP06	21	5	Cut of gully	
1393	BYP06	20	6	Primary fill of furrow 1386	GBA 130

Context	Site	Group	Phase	Description	Artefacts and environmental samples
1394	BYP06		6	Fill of pit 1396	Med. pot (1); P. Med. pot (1); Bone (106); GBA 129
1395	BYP06		6	Post-med animal burial (SK9) in 1396	Bone (470)
1396	BYP06		6	Cut of pit	
1397	BYP06		∞	Fill of pit 1398	GBA 131
1398	BYP06		∞	Cut of pit	
1399	BYP06	20	6	Fill of furrow 1400	Slag (1); GBA 133
1400	BYP06	20	6	Cut of furrow	
1401	BYP06	16	4	Fill of gully 1402	GBA 134
1402	BYP06	16	4	Cut of gully	
1403	BYP06	20	6	Fill of furrow 1404	
1404	BYP06	20	6	Cut of furrow	
1405	BYP06	19	6	Fill of furrow 1406	
1406	BYP06	19	6	Cut of furrow	
1407	BYP06	19	6	Fill of furrow 1408	Cu. A. (1); GBA 135
1408	BYP06	19	6	Cut of furrow	
1409	BYP06	19	6	Fill of furrow 1410	
1410	BYP06	19	6	Cut of furrow	
1411	BYP06	16	4	Fill of gully 1412	
1412	BYP06	16	4	Cut of gully	
1413	BYP06		2	Fill of grave 1414 containing SK10	Hum.; GBAs 136,137,138,139,140, 141,142,143
1414	BYP06		2	Cut of grave	
1415	BYP06	25	6	Fill of gully 1416	Med. pot (2)
1416	BYP06	25	6	Cut of gully	
1417	BYP06	16	4	Fill of gully	
1418	BYP06	16	4	Cut of gully	
1419	BYP06	24	6	Primary fill of post-hole 1420	GBA 144
1420	BYP06	24	6	Cut of post-hole	
1421	BYP06	24	6	Secondary fill of post-hole 1420	
1422	BYP06	25	6	Fill of gully 1423	Flint (1); Bone (1); GBA 149
1423	BYP06	25	6	Cut of gully	
1424	BYP06	1	4	Fill of ditch 1425	Bone (15)
1425	BYP06	1	4	Cut of ditch	
1426	BYP06	23	4	Primary fill of gully 1427	GBA 145
1427	BYP06	23	4	Cut of gully	
1428	BYP06	20	6	Fill of furrow 1429	
1429	BYP06	20	6	Cut of furrow	
1430	BYP06	23	4	Fill of gully 1431	Fe O. (1)
1431	BYP06	23	4	Cut of gully	
1432	BYP06		∞	Fill of pit 1433	GBA 146
1433	BYP06		∞	Cut of pit	
1434	BYP06		4	Upper fill of corn drier 1436	Fe O. (1); Bone (31); GBA 143
1435	BYP06			Fill of corn drier 1436 covering 1446 and 1447	

Context	Site	Group	Phase	Description	Artefacts and environmental samples
1436	BYP06		4	Cut of corn drier	
1437	BYP06		6	Fill of furrow 1438	
1438	BYP06		6	Cut of furrow	
1439	BYP06	13	3	Fill of ditch 1440	
1440	BYP06	13	3	Cut of ditch	
1441	BYP06	24	4	Primary fill of post-hole 1443-packing	
1442	BYP06	24	4	Secondary fill of post-hole 1443	
1443	BYP06	24	4	Cut of post-hole	
1444	BYP06	24	4	Fill of post-hole 1445	GBA 150
1445	BYP06	24	4	Cut of post-hole	
1446	BYP06		4	Fill of corn drier 1436	Fe O. (1); Bone (20); GBA 151
1447	BYP06		4	Fill of corn drier 1436	GBA 152
1448	BYP06	19	6	Fill of furrow 1449	
1449	BYP06	19	6	Cut of furrow	
1450	BYP06	20	6	Fill of furrow 1451	
1451	BYP06	20	6	Cut of furrow	
1452	BYP06	24	6	Fill of post-hole 1453	GBA 153
1453	BYP06	24	6	Cut of post-hole	
1454	BYP06	19	6	Fill of furrow 1455	
1455	BYP06	19	6	Cut of furrow	
1456	BYP06	24	6	Fill of post-hole 1457	
1457	BYP06	24	6	Cut of post-hole	
1458	BYP06		4	Cut of corn-drier	
1459	BYP06	19	6	Fill of furrow 1460	
1460	BYP06	19	6	Cut of furrow	
1461	BYP06	23	4	Fill of ditch 1462	GBA 162
1462	BYP06	23	4	Cut of ditch	
1463	BYP06	25	6	Fill of gully 1464	Fe O. (1); Bone (33); GBA 154
1464	BYP06	25	6	Cut of gully	
1465	BYP06		4	Fill of corn-drier 1436	GBA 161
1466	BYP06		4	Fill of corn-drier 1436	
1467	BYP06		4	Upper fill of corn drier 1458	GBA 155
1468	BYP06		4	Fourth fill of corn drier 1458	Bone (168); GBAs 156,157
1469	BYP06		4	Tertiary fill of corn drier 1458	GBA 158
1470	BYP06		4	Secondary fill of corn drier 1458	RB pot (1); GBA 159
1471	BYP06		4	Primary fill of corn drier 1458	Bone (1); GBA 160
1472	BYP06	23	4	Fill of gully 1473	
1473	BYP06	23	4	Cut of gully	
1474	BYP06	25	6	Fill of gully 1475	
1475	BYP06	25	6	Cut of gully	
1476	BYP06	25	6	Fill of gully 1477	
1477	BYP06	25	6	Cut of gully	
1478	BYP07	1	4	Fill of ditch 1479	Bone (35); GBA 163

Context	Site	Group	Phase	Description	Artefacts and environmental samples
1479	BYP07	1	4	Cut of ditch	
1480	BYP07	16	4	Fill of gully 1481	GBA 164
1481	BYP07	16	4	Cut of gully	
1482	BYP07	29	4	Fill of gully 1483	Bone (1); GBA 165
1483	BYP07	29	4	Cut of gully	
1484	BYP07	1	4	Fill of ditch 1485	Fe O. (1); GBA 166
1485	BYP07	1	4	Cut of ditch	
1486	BYP07	30	6	Fill of gully 1487	RB pot (2); Bone (19); GBA 169
1487	BYP07	30	6	Cut of gully	
1488	BYP07	16	4	Fill of re-cut gully 1489	
1489	BYP07	16	4	Re-cut of gully	
1490	BYP07	16	4	Fill of gully 1491	GBA 168
1491	BYP07	16	4	Cut of gully	
1492	BYP07	23	4	Fill of gully 1493	Bone (13)
1493	BYP07	23	4	Cut of gully	
1494	BYP07	30	6	Fill of gully 1496	Bone (6)
1495	BYP07	30	6	Cut of gully	
1496	BYP07	35?	6	Fill of pit 1497	GBA 167
1497	BYP07	35?	6	Cut of pit	
1498	BYP07	29	4	Fill of gully 1499	
1499	BYP07	29	4	Cut of gully	
1500	BYP07		∞	Fill of pit 1501	GBA 170
1501	BYP07		∞	Cut of pit	
1502	BYP07	34	3	Fill of ditch 1503	
1503	BYP07	34	3	Cut of ditch	
1504	BYP07	34	3	Fill of ditch 1505	
1505	BYP07	34	3	Cut of ditch	
1506	BYP07	34	3	Cut of ditch	
1507	BYP07	34	3	Fill of ditch 1506	
1508	BYP07		4	Cut of pit	
1509	BYP07		4	Fill of pit 1508	RB pot (35); Lead O. (1); GBA 171
1510	BYP07		∞	Cut of post-hole	
1511	BYP07		∞	Fill of post-hole 1510	
1512	BYP07	35	6	Fill of post-hole 1513	
1513	BYP07	35	6	Cut of post-hole	
1514	BYP07	35	6	Fill of post-hole 1515	GBA 175
1515	BYP07	35	6	Cut of post-hole	
1516	BYP07	35	6	Fill of post-hole 1517	
1517	BYP07	35	6	Cut of post-hole	
1518	BYP07	11	3	Cut of ditch	
1519	BYP07	11	3	Fill of ditch 1518	Flint (1); Bone (8); GBA 172
1520	BYP07	35	6	Fill of post-hole 1521	
1521	BYP07	35	6	Cut of post-hole	
1522	BYP07	35	6	Fill of post-hole 1523	CBM (1); Bone (1); GBA 174
1523	BYP07	35	6	Cut of post-hole	
1524	BYP07	35	6	Fill of post-hole 1525	RB pot (1)

Context	Site	Group	Phase	Description	Artefacts and environmental samples
1525	BYP07	35	6	Cut of post-hole	
1526	BYP07	13	3	Cut of gully terminus	
1527	BYP07	13	3	Fill of gully 1526	GBA 173
1528	BYP07		∞	Cut of pit	
1529	BYP07		∞	Fill of pit 1528	GBA 176
1530	BYP07	4	4	Cut of ditch	
1531	BYP07	4	4	Fill of ditch 1530	GBA 178
1532	BYP07	34	3	Cut of ditch	
1533	BYP07	34	3	Fill of ditch 1532	GBA 177
1534	BYP07	35	6	Cut of post-hole	
1535	BYP07	35	6	Fill of post-hole 1534	Fe O. (1)
1536	BYP07	36	3	Cut of ditch	
1537	BYP07	36	3	Fill of ditch 1536	GBA 180
1538	BYP07	35	6	Cut of post-hole	
1539	BYP07	35	6	Fill of post-hole 1538	
1540	BYP07	36	3	Cut of ditch	
1541	BYP07	36	3	Fill of ditch 1540	Flint (1)
1542	BYP07	4	4	Cut of ditch	
1543	BYP07	4	4	Fill of ditch 1542	GBA 181
1544	BYP07	34	3	Cut of ditch	
1545	BYP07	34	3	Fill of ditch 1544	GBA 179
1546	BYP07	35	6	Cut of post-hole	
1547	BYP07	35	6	Primary fill of post-hole 1546	GBA 183
1548	BYP07	35	6	Secondary fill of post-hole 1546	
1549	BYP07	11	3	Cut of ditch	
1550	BYP07	11	3	Fill of ditch 1549	Flint (2); GBA 182
1551	BYP07	35	6	Cut of post-hole	
1552	BYP07	35	6	Fill of post-hole 1551	Fe O. (1)
1553	BYP07	35	6	Cut of post-hole	
1554	BYP07	35	6	Fill of post-hole 1553	
1555	BYP07	35	6	Cut of post-hole	
1556	BYP07	35	6	Fill of post-hole 1555	
1557	BYP07	35	6	Cut of post-hole	
1558	BYP07	35	6	Fill of post-hole 1557	
1559	BYP07	35	6	Cut of post-hole	
1560	BYP07	35	6	Fill of post-hole 1559	
1561	BYP07	35	6	Cut of post-hole	
1562	BYP07	35	6	Fill of post-hole 1561	
1563	BYP07	35	6	Cut of post-hole	
1564	BYP07	35	6	Fill of post-hole 1563	RB pot (1); CBM (1); GBA 184
1565	BYP07	35	6	Cut of post-hole	
1566	BYP07	35	6	Fill of post-hole 1565	
1567	BYP07	4	4	Cut of ditch	
1568	BYP07	4	4	Fill of ditch 1567	GBA 185
1569	BYP07	34	3	Cut of ditch	

Context	Site	Group	Phase	Description	Artefacts and environmental samples
1570	BYP07	34	3	Fill of ditch 1569	
1571	BYP07	34	3	Cut of ditch	
1572	BYP07	34	3	Fill of ditch 1571	?LIA pot (1)
1573	BYP07	35	6	Cut of post-hole	
1574	BYP07	35	6	Fill of post-hole 1573	
1575	BYP07	35	6	Natural feature	
1576	BYP07	35	6	Cut of post-hole	
1577	BYP07	35	6	Fill of post-hole 1576	GBA 187
1578	BYP07	11	3	Cut of ditch	
1579	BYP07	11	3	Fill of ditch 1578	GBA 186
1580	BYP07	4	4	Cut of ditch	
1581	BYP07	4	4	Fill of ditch 1580	GBA 190
1582	BYP07	4	4	Fill of ditch 1583	GBA 191
1583	BYP07	4	4	Cut of ditch	
1584	BYP07		∞	Fill of pit 1585	GBA 192
1585	BYP07		∞	Cut of pit	
1586	BYP07		∞	Cut of post-hole	
1587	BYP07		∞	Fill of post-hole 1586	GBA 188
1588	BYP07		∞	Cut of post-pipe in post-hole 1586	
1589	BYP07		∞	Fill of post-pipe 1588	GBA 189
1590	BYP07	37	4	Cut of ditch	
1591	BYP07	37	4	Fill of ditch 1590	GBA 197
1592	BYP07	34	3	Cut of ditch	
1593	BYP07	34	3	Fill of ditch 1592	GBA 194
1594	BYP07	4	4	Cut of ditch	
1595	BYP07	4	4	Fill of ditch 1594	RB pot (3); GBA 196
1596	BYP07	34	3	Cut of ditch	
1597	BYP07	34	3	Fill of ditch 1596	
1598	BYP07	37	4	Cut of ditch	
1599	BYP07	37	4	Fill of ditch 1598	Flint (1); GBA 195
1600	BYP07	11	3	Fill of ditch 1601	GBA 198
1601	BYP07	11	3	Cut of ditch	
1602	BYP07		∞	Fill of post-hole 1603	
1603	BYP07		∞	Cut of post-hole	

Appendix 3: Byram Park, Brotherton, North Yorkshire: Written Scheme of Investigation for a Strip and Record Operation

Byram Park, Brotherton
North Yorkshire

Written Scheme of Investigation for a Strip and Record Operation

1. Introduction

1.1 Archaeological works are required at the site of the proposed quarry extraction workings at Byram Park, Brotherton, North Yorkshire. The archaeological monitoring work will be carried out during the proposed topsoil and subsoil strip in advance of mineral extraction (SE 493 266). The proposed area for stripping is contained within arable fields.

1.2 The proposed work follows two previous desk-based assessments (Atkinson 1995; May 2003), the latter of which recommended further non-intrusive investigations including aerial photographic mapping and rectification and geophysical survey. North Yorkshire's County Archaeologist, Neil Campling, has subsequently commented that geophysical survey would not be appropriate and has recommended a programme of archaeological monitoring via a strip and record strategy on the site. This will be undertaken in stages, over the next ten years of quarrying, and will hopefully lead to a cohesive record of the presence/absence of archaeological remains believed to exist on the site. This will be achieved by the monitoring of the mechanical stripping that will be undertaken by the contractor. Barton Willmore Partnership, acting on behalf of the extraction company, Darrington Quarries Limited, have agreed with the Local Planning Authority's archaeological advisors, North Yorkshire Heritage Unit, that further evaluation on the site in the form of geophysical survey and trial trenching is not warranted. The agreed proposal is for an archaeologist to be present on-site during the topsoil/subsoil stripping by the contractor and for any archaeological features that are exposed to be dealt with in a detailed phase of recording. This strip and record operation will encompass the entire site.

1.3 The site lies to the north-east of the village of Brotherton within Byram Park. The application area is bounded to the north by an area of woodland known as Poole Belt, to the south of the hamlet of Poole. The western boundary adjoins the existing quarry workings that lie to the east of the A162 road between Byram and Burton Salmon. The eastern boundary is aligned with the 495 Easting and the southern boundary extends to a trackway that leads to an old quarry to the north-west of Byram Hall, that is encircled by a small area of woodland (see Fig. 1).

1.4 The soils of the area are classified as well-drained calcareous fine loamy soils over limestone of the Aberford Association, overlying strata of Permian Magnesian Limestone (Soil Survey of England and Wales 1983; British Geological Survey 1978).

1.5 This document details the required methodology for further investigation of the site through a strip and record/excavation operation and has been prepared for Archaeological Services WYAS, on behalf of Barton Willmore Partnership and

Darrington Quarries Limited, following previous consultation with Neil Campling (County Archaeologist) of the North Yorkshire Heritage Unit.

1.6 The aim of the investigation is to establish the presence or absence of archaeological features/deposits within the proposed extraction area and to record and excavate features, where present and observable.

2. Archaeological Background

2.1 The proposed quarry extension application area lies within the bounds of the former Byram Hall estate, and documentary and cartographic evidence would attest to it being part of a deer park from the medieval period to the early years of the twentieth century. Since the 1920s the site has been under arable cultivation and this has removed any evidence of the deer park. However, given the lesser impact of agriculture during the previous centuries the chances for the survival of earlier archaeological remains is considered higher, especially following the cursory assessment of aerial photographic coverage. This crop mark evidence indicates the potential presence of infilled ditches that may survive within the application site that relate to the prehistoric and Romano-British use of the landscape. Although some of these features might relate to the deer park, several are consistent with the pattern of Iron Age and Romano-British field systems. These remains need qualifying by an aerial photographic investigator familiar with the area.

2.2 The deer park pale, identified as an earthwork feature during a site visit undertaken as part of the latest desk-based assessment (May 2003), will not be impacted upon by the application area (Campling pers. comm.). Additionally, the landscape of the medieval park is unregistered and has been degraded over the years. Although archaeological features (probably from the later prehistoric/Roman-British period) are believed to survive as sub-surface remains, their detection via geophysical survey is believed to be limited due to the presence of a high pressure gas main, which that runs across the middle of the application area (Campling pers. comm.). Consequently, the mitigation for the quarry application area has been defined as a strip and record strategy without an intervening geophysical survey stage.

2.3 Neil Campling of North Yorkshire Heritage Unit has requested that the topsoil and subsoil strip should be undertaken under archaeological supervision in the form of a strip and record operation.

3. Aims and Objectives

3.1 The aims and objectives of this archaeological work will be to gather, if possible, sufficient information to establish extent, date and function of any archaeological remains that exist within the proposed extraction area.

4. Proposed Method

4.1 The clarification of the aerial photographic evidence will be undertaken by Alison Deegan, who managed English Heritage's National Mapping Programme (NMP) for Lower Wharfedale. This incorporated the application area. Archaeological Services WYAS will seek clarification from Alison Deegan on the previously identified crop mark features and will obtain copies of the NMP results to locate

the position of these features (if present and considered of significance) prior to the commencement of the stripping operation.

4.2 The on-site work will involve the stripping of plough soil using mechanical excavation equipment employed by the quarry contractor. Monitoring will take place across all parts of the site where stripping is to occur. This stripping operation shall be carried out under archaeological supervision. Stripping will ideally take place using 360° mechanical excavators fitted with toothless ditching buckets in level spits that are no deeper than 0.2m, to the top of the first archaeological horizon or undisturbed natural. The resulting surface will then be inspected for archaeological remains. Where archaeological remains require clarification, the relevant area will be cleaned by hand. In the event that sub-surface archaeological deposits are identified, the site stripping will need to cease temporarily, while the archaeology is appropriately dealt with. Under no circumstances should the machines be used to cut arbitrarily down to natural deposits until a specified area has been archaeologically cleared.

4.3 In the event of archaeological features being revealed, the archaeologist(s) will first plan and then hand excavate all archaeological features in an archaeologically controlled and stratigraphic manner in order to meet the aims and objectives outlined above. The features will be investigated employing the following sampling strategies:

- Linear features: A minimum of 20% along their length (each sample section to be not less than 1m), or a minimum of a 1m sample section if the feature is less than 5m long, of the deposits within linear features, such as boundary or drainage ditches associated with domestic, agricultural, industrial, funerary or ritual enclosures, or fields, or trackways, will be excavated to their full depth. Where possible one section will be located and recorded adjacent to the edge of excavation.
- Intersections of linear features: The deposits at the junctions of or interruptions in linear features will be totally removed over a sufficient length to determine the nature of the relationship between the components. Excavation of an 'L'-shaped section will be undertaken in the first instance to demonstrate and record relationships and then expanded to the full widths, planned and recorded.
- Discrete features: Pits, post–holes and other isolated features will normally be half-sectioned to determine and record their form with a minimum sample of 50% of discrete features being carefully hand-excavated and recorded. To aid in the recovery of finds and dateable ecofacts, all half-sectioned archaeological features will then be rapidly hand-excavated and emptied.
- Built structures, such as walls, will be examined and sampled to a degree whereby their extent, nature, form, date, function and relationship to other features and deposits can be established.

4.4 The archaeologist(s) shall make a full written, drawn and photographic record of all material revealed during the course of the work. The excavation limits will be surveyed using electronic survey equipment with larger scale hand drawn plans of features at 1:20 or 1:50, as appropriate. Sections of linear and discrete features will be drawn at 1:10. All sections, plans and elevations will include spot-heights

related to Ordnance Datum in metres as correct to two decimal places and survey tie-in information will be undertaken during the course of the strip and record operation and will be fixed in relation to nearby permanent structures and roads and to the National Grid (located on the 1:2500 map of the area).

4.5 The archaeologist(s) shall record all finds, three dimensionally where appropriate. All artefacts recovered will be retained and removed from the site for assessment and analysis. Non–modern artefacts will be collected from the excavated topsoil and subsoil. Finds material will be stored in controlled environments, where appropriate. All artefacts recovered will be retained, cleaned, labelled and stored as detailed in the guidelines laid out in the IFA Guidelines for Finds Work. Conservation, if required, will be undertaken by approved conservators. UKIC guidelines will apply.

4.6 The archaeologist(s) shall fully record all excavated archaeological contexts by detailed written records giving details of location, composition, shape, dimensions, relationships, finds, samples, and cross-references to other elements of the record and other relevant contexts, in accordance with best industry practice and in accordance with methods previously approved by North Yorkshire Heritage Unit. All contexts, and any small finds and samples from them will be given unique numbers. Bulk finds will be collected by context. Colour transparency and monochrome negative photographs will be taken at a minimum format of 35mm.

4.7 The archaeologist(s) shall undertake, if necessary, a soil-sampling programme during the course of the recording brief for the identification and recovery of carbonised and waterlogged remains, vertebrate remains, molluscs and small artefactual material. Provision should be made by the archaeologist(s) for the removal of soil samples of between 10 and 30 litres (where appropriate), from all excavated contexts, and larger samples from any rich carbonised deposits. Particular attention will be paid to the sampling of primary ditch fills and any surviving buried soils beneath banks or other positive features. Environmental material removed from site will be stored in appropriate controlled environments. The collection and processing of environmental samples will be undertaken in accordance with guidelines set out in the Association for Environmental Archaeology's (1995) Working Paper No. 2, "*Environmental Archaeology and Archaeological Evaluations - Recommendations concerning the environmental archaeology component of archaeological evaluations in England"*. In addition, the processing of environmental samples will only take place within facilities approved for such purposes by the Regional Science Advisor, Ian Panter.

4.8 In the event of human remains being discovered during the excavation these will be left *in situ* by the archaeologist(s), covered and protected, in the first instance. The removal of human remains will only take place under appropriate Home Office and environmental health regulations, and in compliance with the Burial Act 1857. If human remains are identified, the archaeologist(s) will inform Barton Willmore Partnership, Darrington Quarries Limited, North Yorkshire Heritage Unit and the Coroner immediately, via the Project Manager. A Home Office licence will be obtained prior to the removal of the remains and contingency provision will be made for the specialist reports on the remains by a recognised osteo-archaeologist.

4.9 All finds of gold and silver and associated objects shall be reported to HM Coroner according to the procedures relating to the Treasure Act 1997, after discussion with Barton Willmore Partnership, Darrington Quarries Limited and North Yorkshire Heritage Unit.

4.10 If, during the course of the strip and record operation, discoveries are made of regional or national importance that cannot be adequately dealt with, the North Yorkshire Heritage Unit and English Heritage will be contacted immediately.

5. Archive preparation and deposition

5.1 The site archive will contain all the data collected during the exploratory work, including records, finds and environmental samples. It will be quantified, ordered, indexed and internally consistent. Adequate resources will be provided during fieldwork to ensure that all records are checked and internally consistent. Archive consolidation will be undertaken immediately following the conclusion of fieldwork:

- the site record will be checked, cross–referenced and indexed as necessary;
- all retained finds will be cleaned, conserved, marked and packaged in accordance with the requirements of the recipient museum;
- all retained finds will be assessed and recorded using pro forma recording sheets, by suitably qualified and experienced staff. Initial artefact dating will be integrated with the site matrix;
- all retained environmental samples will be processed by suitably experienced and qualified staff and recorded using pro forma recording sheets, to identify at this stage presence or absence of environmental remains.

5.2 The archive will be assembled in accordance with the specification set out in English Heritage's "*Management of Archaeological Projects 2*" (English Heritage, 1991; Appendix 3). In addition to the site records, artefacts, ecofacts and other sample residues, the archive shall contain:

- site matrices where appropriate;
- a summary report synthesising the context record;
- a summary of the artefact record;
- a summary of the environment record.

5.3 The integrity of the primary field record will be preserved. Security copies will be maintained where appropriate.

5.4 Provision will be made for the deposition of the archive, artefacts and environmental material, subject to the permission of the relevant landowner (and if no further archaeological work is to be initiated), in the appropriate recipient museum. If the museum is not currently accepting archaeological archives discussions will need to be made following the outcome of the project as to the alternative temporary location of the resultant archive. The museum curator will be advised of the timetable of the proposed investigation prior to work commencing and Archaeological Services WYAS will adhere to any reasonable requirements the museum may have regarding conservation and storage of the excavated material and the resulting archive. The archive will be prepared in

accordance with the guidelines published in "*Guidelines for the preparation of Excavation Archives for long–term storage"* (United Kingdom Institute for Conservation, 1990) and "*Standards in the Museum care of archaeological collections"* (Museums and Galleries Commission, 1994).

5.5 Should further archaeological work be initiated and/or additional archaeological work undertaken due to the discovery of significant remains, the strip and record archive will be prepared accordingly for incorporation into the final archive.

5.6 Archive deposition will be arranged in consultation with the recipient museum and the North Yorkshire Heritage Unit and will take into account all requirements of the recipient museum and of the relevant guidelines outlined above. The timetable for deposition will be agreed on completion of the site archive and narrative.

6. Report preparation, contents and distribution

6.1 Upon completion of the evaluation, the artefacts, ecofacts and stratigraphic information shall be assessed as to their potential and significance for further analysis.

6.2 A post–excavation assessment report will be prepared and include the following:

- a non–technical summary of the results of the work;
- a summary of the project's background;
- the site location;
- an account of the method;
- the results of the evaluation, including phasing and interpretation of the site sequence and an assessment of ceramics;
- a post–excavation assessment of the stratigraphic and other written, drawn and photographic records;
- a catalogue and post–excavation assessment of each category of artefact recovered during excavation, each undertaken by a relevant Archaeological Specialist;
- a catalogue and post-excavation assessment of any faunal remains recovered during the excavation, each undertaken by an Archaeological Specialist;
- a catalogue of soil samples collected and a post–excavation assessment of the results of the soil sampling programme, undertaken by a relevant Archaeological Specialist;
- catalogues and post-excavation assessments and/or summary reports of all scientific dating procedures or other analyses carried out;
- an appendix containing a list and summary descriptions of all contexts recorded;
- a summary of the contents of the project archive and its location;

6.3 The report will be supported by an overall plan of the site, accurately identifying the location of the stripped area on Ordnance Survey Landline data; individual plans of features or groups as excavated, indicating the location of archaeological features with supporting section drawings where appropriate; and photographs.

6.4 The report will also contain the specialist assessments of the all categories of artefacts and ecofacts recovered with a view to their potential for further study.

6.5 Finally, the post-excavation report will outline the archaeological significance of the deposits identified, and provide an interpretation of the results in relation to other sites in the region. In particular, the results of the evaluation will make reference to other known archaeological sites in the close vicinity of the extraction site.

6.6 Archaeological Services WYAS will submit copies of the report to the Client, the Local Planning Authority, and the North Yorkshire Sites and Monuments Record within an agreed timetable after the conclusion of the fieldwork, notwithstanding any contractual requirements on confidentiality (see section 8 below).

6.7 Given the timescale of the project (up to ten years), at least two interim reports will be produced at notable junctures in the stripping operation, and/or following the discovery of archaeological remains.

6.8 Archaeological Services WYAS will supply copies of electronic files containing the report to the Sites and Monuments Record in the following formats, if requested:

- 1 copy in Word for Windows or compatible format
- 1 copy in text ASCII and/or PDF format

7. Publication and Dissemination

7.1 Allowance will be made for the preparation and publication of the work in an appropriate local publication and, if of regional or national significance, within an appropriate journal.

7.2 It is understood that the results of the excavation may be of interest to the wider public and as such may be disseminated by means of occasional talks.

8. Copyright, Confidentiality and Publicity

8.1 All aspects of copyright, publicity and confidentially will be agreed between the Archaeological Services WYAS and the Client at the outset of the project. Copies of the report should be submitted to the Client and to the Sites and Monuments Record Office.

9. Health and Safety

9.1 Archaeological Services WYAS Health and Safety policies have been compiled using national guidelines that conform to all relevant Health and Safety legislation.

9.2 In addition, Archaeological Services WYAS will undertake a 'Risk Assessment', which sets project specific Health and Safety requirements to which all members of staff are made aware of, prior to on-site work commencing.

9.3 Archaeological Services WYAS will ensure that Health and Safety will take priority over archaeological matters.

10. Insurance

10.1 Archaeological Services WYAS has effected appropriate insurance cover with Zurich Municipal Insurance, Park House, 57-59 Well Street, Bradford, via Wakefield Metropolitan District Council. Any further enquiries should be directed to The Chief Financial Officer, Insurance Section, Wakefield MDC, PO Box 55, Newton Bar, Wakefield, WF1 2TT.

11. Monitoring

11.1 The work of Archaeological Services WYAS will be monitored by Barton Willmore Partnership, on behalf of Darrington Quarries Limited, and by the North Yorkshire Heritage Unit, who will be consulted before the commencement of any site works and afforded the opportunity to inspect the site and the records during any stage of the work.

11.2 As a courtesy, English Heritage's Regional Science Advisor should also be notified of the intention to commence fieldwork (contact Ian Panter: Tel. 01904 601983; email ian.panter@english-heritage.org.uk).

12. Programme of work

12.1 The proposed topsoil and subsoil strip will commence in April 2005.

12.2 A plan to illustrate the stripping programme will be produced by Darrington Quarries Limited.

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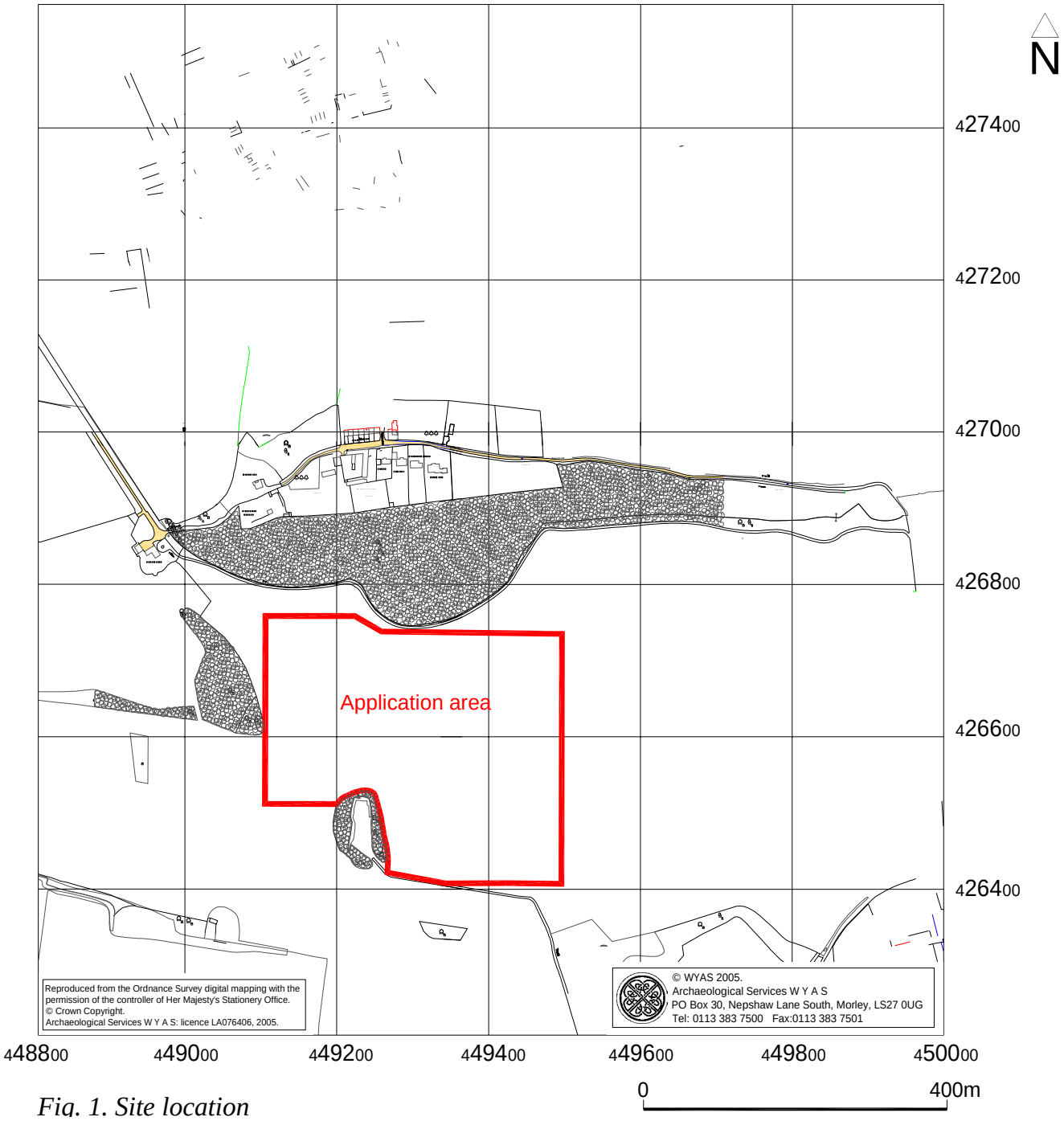

Fig. 1. Site location

Appendix 4: Assessment of the air photographic evidence for a site at Byram Park, Brotherton, North Yorkshire

by Alison Deegan

Assessment of the air photographic evidence for a site at Byram Park, Brotherton, North Yorkshire

1 Introduction

This assessment was commissioned by Archaeological Services WYAS in advance of their investigations in the application area in Byram Park, conducted on behalf of their client, Darrington Quarries.

The aim of this assessment is to clarify the information from two previous air photo studies of the site in Byram Park, Brotherton, North Yorkshire.

2 Previous AP work at the Byram Park site

2.1 Archaeological desk-based assessment undertaken by ARCUS

Byram Park was the subject of a desk-based assessment (DBA) undertaken by Archaeological Research & Consultancy at the University of Sheffield (ARCUS) in May 2003. ARCUS's DBA included examination of air photographs held in the North Yorkshire Sites and Monuments Record (NYSMR) and sketch plotting of "cropmark features" (2003, 1). The assessment report does not reference the photographs examined nor is it clear whether the sketch plot reproduced on Illustration 6 was based entirely on the evidence of the available photographs or also informed by earlier sketch-plots on NYSMR overlays (ARCUS 2003).

2.2 Lower Wharfedale NMP Project

Archaeological features in Byram Park were mapped by the Lower Wharfedale NMP Project (LWNMP) in September 2004. This project forms part of English Heritage's National Mapping Programme. It was funded by EH and operated by Advisory Services WYAS under the guidance of this author. Mapping and interpretation for the LWNMP was undertaken according to the standards and scope of the National Mapping Programme: all probable archaeological features were transcribed to 1:2500 scale map data, using the latest available version of AERIAL 5.14 (at this time AERIAL 5.18) (see Deegan 2004). Photographs held by EH's National Monuments Record, University of Cambridge's Unit for Landscape Modelling (formerly known as CUCAP) and North Yorkshire Sites and Monuments Record were consulted for the project. Whilst it is not possible to reconstruct in detail a list of the photographs consulted for the LWNMP project for a particular area, sufficient records are kept by which to ascertain whether a particular photograph was examined during the course of the project should this prove necessary. Moreover the source photograph for each and every mapped feature is documented. The maps and records created by the LWNMP Project are the copyright of English Heritage.

3 Results of previous AP work in the survey area

3.1 Sketch plotting in the ARCUS DBA

Within Byram Park, ARCUS depicted and recorded 3 groups of crop marked features: site no. 1 Romano-British? field boundary ditches, site no. 2 Romano-British? trackway and site no. 4 Romano-British? trackway and ditches. These are all

identified as being broadly parallel and running on a general east to west trend (2003, appendix 1 and illus. 2). The sketch plot reproduced in Illustration 6 also includes a depiction of a north-south aligned ditch abutted by a rectilinear enclosure, the latter centred at approximately SE495 265; these features do not appear to be documented in appendix 1. According to the sketch plot at least one east-west ditch and part of the north-south ditch and enclosure fall within the application area but the margin of error in the positioning of these features is unknown and is likely to be considerable.

ARCUS suggest that the remains that they identify within the park are part of a wider landscape of "brickwork pattern" field systems that may have their origins in the Iron Age and have continued in use into the Roman period (2003:5).

3.2 Results from the Lower Wharfedale NMP project at Byram Park

The Lower Wharfedale NMP (LWNMP) project identified archaeological features in four areas of park and its immediate surroundings as follows (see Fig. 1)

Area (see Figure 1)	EH Monument UID	Period	Types present	Source AP
A	1403144	Iron Age/ Roman	ditch trackway	NMR SE4926/5 29/7/91
B	1403144	Iron Age/ Roman	ditch field boundary trackway	NYSMR AC027/26 05/7/84
C	1403144	Iron Age/ Roman	ditch	NMR OS/90185 21 18/7/90
D	1403144	Iron Age/ Roman	ditch field boundary trackway	NMR SE4826/3 19/6/90
across park	1403157	Post medieval	ridge and furrow	NMR RAF/541/30 4280 17/5/48

The features in Area C, some of the features in Area B and patches of ridge and furrow lie within the application area.

4 Re-assessment of the available air photographs

The following photographs were re-examined by this author with the aim of verifying the presence of the features mapped by the Lower Wharfedale NMP Project and clarifying the nature of the crop marks sketch for the ARCUS DBA.

Photo reference	Source collection
SE4926/1 19/6/90	National Monuments Record
SE4926/2 19/6/90	National Monuments Record
SE4926/3 29/7/91	National Monuments Record
SE4926/4 29/7/91	National Monuments Record
SE4926/5 29/7/91	National Monuments Record
SE4926/6 29/7/91	National Monuments Record
SE4826/1 19/6/90	National Monuments Record
SE4826/2 19/6/90	National Monuments Record
SE4826/3 19/6/90	National Monuments Record

Photographs SE4926/5 and 6 appear to confirm the presence of the linear features mapped by the LWNMP in Area A and are likely to correlate with the features sketched by ARCUS at site no. 2.

Photographs SE4926/3 and 4 appear to confirm the presence of the features mapped by the LWNMP in Area B and are likely to correlate with some of the features sketched by ARCUS at site no. 4.

Photograph SE4926/ 1 and 2 appear to confirm the presence of the parallel ditched features mapped by the LWNMP in Area C and is likely to correlate with the western half of one of the ditches sketched by ARCUS in this area in although it is unclear as to which site no. this is referred (2003, illustration 6).

The field on the left hand side of photograph SE4926/2 also shows the complexity of the geological marks in this area (see Figure 1). A more inclusive interpretation than is permitted for NMP-standard mapping may have included the crop marks at the centre of this photograph as evidence of a possible rectilinear enclosure. This feature is located at approximately SE491 267.

The north-south aligned ditch and rectilinear enclosure that are sketched but not clearly documented by ARCUS at SE495 265 could not be detected on the photographs re-examined at the NMR. As ARCUS do not state the photographic sources for these features it is impossible to deduce whether the same photos were examine by the LWNMP project and rejected as being of low archaeological potential or whether for some reason the source photographs were not made available to the later project. It is worth noting that the distinctive kink sketched by ARCUS at the point where the ditch is abutted by the enclosure mirrors a similar curve mapped by the Lower Wharfedale NMP project at SE495 265 in Area B. It is possible that the anomalous features sketched by ARCUS are the result of over-interpretation and then incorrect orientation of the same crop marked features mapped by the LWNMP at SE494 265.

Being a large open area with few field boundaries for guidance it would be difficult to produce a reasonable plan of these features from sketching alone. The results of the LWNMP, which also had use of vertical photographs showing the crop marks, are likely to be accurate to within 3m.

Photographs SE4826/1 to 3 appear to confirm the presence of the doubled-ditched linear that is oriented near north to south and the parallel ditched features that run perpendicular to it as mapped by the LWNMP in Area D.

5 Discussion and conclusion

Based on the information reviewed for this assessment it appears likely that the features mapped by the LWNMP are correctly identified as having archaeological origins and are as accurately located as the available photographs will allow. Although all the ditched linear features are identified as being of Iron or Roman date the crisper, clearer appearance of the crop mark defining the double-ditched linear running between SE497 265 and SE 499 266 on SE4926/3 and 4 may indicate that this feature is of more recent origin.

In addition to these features there is a possible rectilinear enclosure that abuts the

northern field boundary in Area C at SE491 267, as seen on SE4926/2.

The nature of the ditch and enclosure mapped by ARCUS at SE 495 265 could not be verified because the source of this information was not referenced. As discussed above the sketch of these features may contain significant errors of interpretation and orientation.

It is highly likely that the linear features mapped by LWNMP in Areas A to D continue unseen across the whole of the Byram Park area. The photos re-examined for this assessment demonstrate that the absence of crop marked evidence is due to an unsuitable crop regime at the time of photography. It may also be that evidence for other enclosures is lacking for similar reasons. Unseen enclosures may be expected at the intersection of the long east to west ditches and shorter cross-boundaries. Smaller, discrete features such as pits and post-defined structures are less likely to produce crop marks than ditched enclosures and boundaries and so the absence of evidence for such features should not be interpreted as absence of presence.

References

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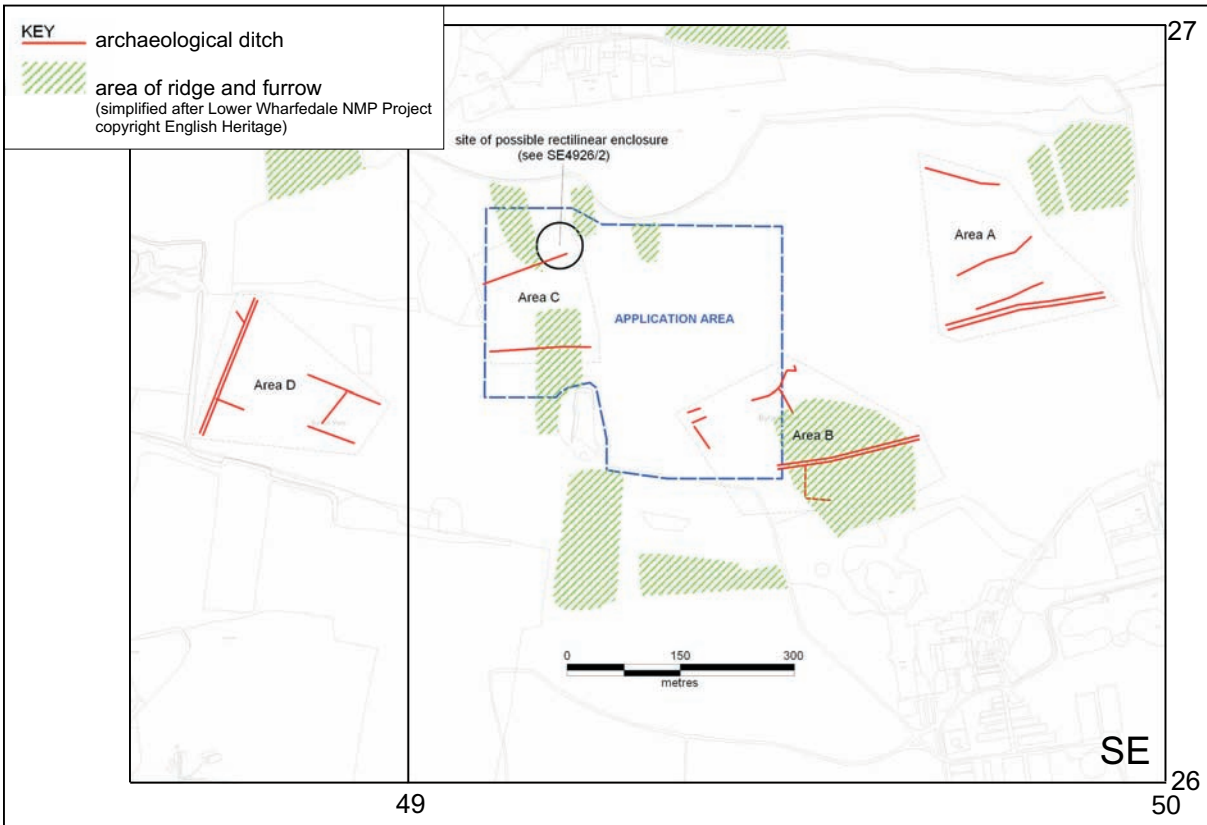
Assessment report by
Alison Deegan
7/8 Malt Kiln
Clayton
Bradford
West Yorkshire
BD14 6QP



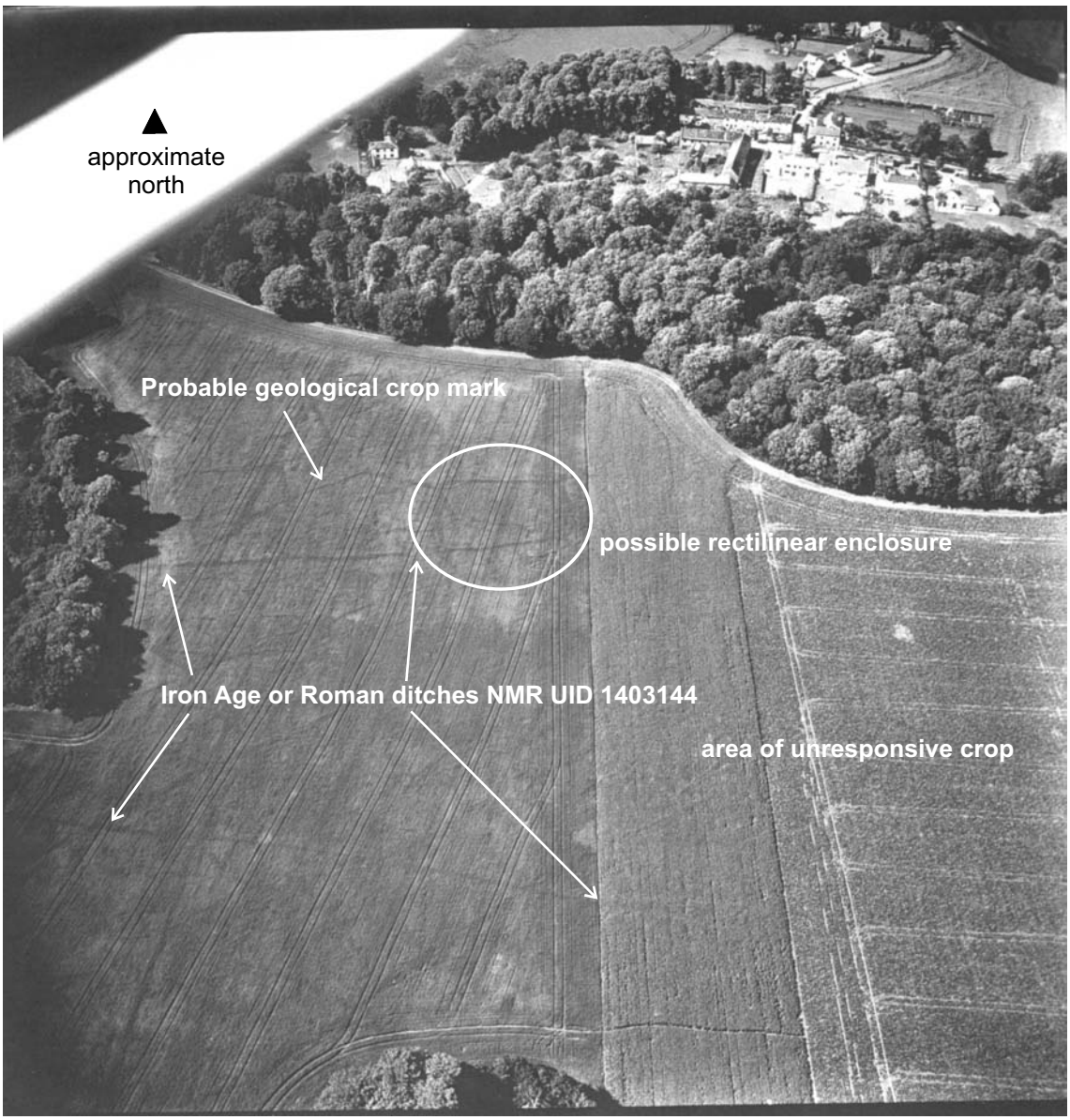


Figure 1. Overview of archaeological features in Byram Park (above) and air photo SE4926/2 (below)

Appendix 5: Detailed archive catalogue of the Romano-British pottery

by Ruth Leary

Group	Context	Ware	Fabric	Count	Weight	RimP	Abrasion	Part	Description	Vessel type	RimD	Condition	Vessel Spot date	Comments	Dec tec1	Dec motif1	Dec pos1	Dec tec2	Dec motif2	Dec pos2	Joinds	Same	DR
1	1021	GRB1	GRB1	8	132.5	11	M	R+B	Deep subconical bowl with short flat rim	WMB	32		M/L2+										1
1	1021	BB1	BB1/RBB1	2	3.1	0	A	BDY	closed vessel	J			120+										
1	1039	GRB	GRB6	1	19.9	0	U	BDY	closed vessel	J			RB, prob M2+										
1	1046	BB1	BB1	1	3.4	0	U	BDY	BB1 type jar	J			2, 120+		burnished		outside shoulder	burnished	acute lattice	outside body			
1	1046	CTA2	CTA2	2	19.1	5	A	RIM	Dales ware jar	J	20		3-4, opt M3-M4, most common in E 4th at Castleford										2
1	1046	GRB1	GRB1	1	4.1	0	A	BDX					RB										
3	1009	GRB	GRB7	1	10.1	6	M	R+B	flat -rim bowl/dish or carinated vessel	B/D	20		2-e/m3 or 3rd										
3	1031	GRB1	GRB1	9	24.4	0	A	BDY	closed vessel	J			RB										
3	1056	TSCG	TSCG	1	107.4	0	U	B+B	Drag 31 OR 31R	B		SL BR IBS	M-L2		stamped	P or D	inside base						
4	1076	CTA2	CTA2	1	16.1	0	V	IRS	Dales ware jar	J			3-4, opt M3-M4, most common in E 4th at Castleford										
4	1127	GRB2	GRB2	55	3053.9	80	M	R+B+B	wide-mouthed jar/bowl with short everted rim and slight shoulder	WMJ	36		3-4	?Not S Yorkshire	groove	single	outside shoulder						11

Group	Context	Ware	Fabric	Count	Weight	RimP	Abrasion	Part	Description	Vessel type	RimD	Condition	Vessel Spot date	Comments	Dec tec1	Dec motif1	Dec pos1	Dec tec2	Dec motif2	Dec pos2	Joinds	Same	DR
4	1127	BB1	BB1	18	156.4	25	A	R+B	late splayed rim BB1 jar, Gillam 1976 no. 10	J	16	BR	L3-E4										14
4	1127	BB1	BB1	2	8.6	6	A	RIM	developed bead and flange bowl	B	18	BR	L3-4, prob E 4TH										15
4	1127	BB1	BB1	1	99.9	11	M	PRO	plain-rim dish	D	26		l2-e3										16
4	1127	GRB	GRB3	6	44.1	35	U	R+B	carinated beaker with inward sloping upper wall and everted rim	BKR	12		3, Swan suggests E 3rd										12
4	1127	CTA2	CTA2	35	442	6	A	R+B+B	Dales ware jar	J	22		3-4, opt M3-M4, most common in E 4th at Castleford										10
4	1127	BB1	BB1	8	105.2	32	M	R+B	late splayed rim BB1 jar, Gillam 1976 no. 11	J	16		L3-E4		groove	single	outside shoulder	burnished	obtuse lattice	outside body			13
4	1127	BB1	BB1	42	124.1	0	V	BDY	closed vessel	J			120+										
4	1127	MH2	MH2	1	10.5	0	M	IRS	reeded rim mortarium	M			M3-M4										
4	1595	CTA3	CTA3	3	1.7	0	V	SCR					m/l4+										
6	1105	BB1R	RBB1	15	5.8	0	V	SCR		J			M2+										
6	1107	OAB1	OAB1	2	16.6	0	V	BDY	bowl with curved walls as drag 36	B			L1-2										

Group	Context	Ware	Fabric	Count	Weight	RimP	Abrasion	Part	Description	Vessel type	RimD	Condition	Vessel Spot date	Comments	Dec tec1	Dec motif1	Dec pos1	Dec tec2	Dec motif2	Dec pos2	Joinds	Same	DR
6	1113	GRB1	GRB1	1	10.1	9	M	RIM	jar with everted rim, near cavetto form	J	16		M/L2-M3										
6	1113	GRB2	GRB2	1	93.5	10	M	R+B	Deep subconical bowl with short flat rim	WMJ	32		M/L2+	Very like SY grey									
6	1123	GRB1	GRB1	3	18.5	10	M	R+B	jar with everted rim, near cavetto form	J	14		M/L2-M3										
6	1123	GRB1	GRB1	2	24.7	0	M	B+B	simple base	J			RB										
6	1266	OAB2	OAB2	1	33	0	M	B+B	simple base	B?			RB	With several unwashed scraps									
6	1266	CTA2	CTA2	4	22.1	5	A	R+B	Dales ware jar	J	18		3-4, opt M3-M4, most common in E 4th at Castleford										
6	1266	GRB1	GRB1	1	5.1	0	A	BDX					RB										
6	1266	GRB2	GRB2	1	5	0	M	BDY	jar	J			RB		rilled		outside body						
6	1266	BB1	BB1	1	3	0	M	BDY	closed vessel	J			120+		burnished		outside body						
6	1266	GRB	GRB4	1	4.7	0	A	BDX					RB										
6	1271	TSCG	TSCG	14	35.3	0	M	BDY		B/D			2	2 or 3 vessels									
6	1271	DR20	DR20	1	104	0	A	BDX	Dressel 20 amphora	A			M1-3, later fabric										
6	1271	TSCG	TSCG	1	12.3	5	M	R+B	Drag 30,37 OR 38	B	22		M-L2	pos same as dec sherd									
6	1271	MH2	MH2	1	149.5	0	M	BAS	simple base	M			140+										
6	1271	TSCG	TSCG	1	2.8	0	M	BDY	Drag 37	B			120-145										
6	1271	GRB1	GRB1?	6	25.8	0	V	BDX					RB										

Group	Context	Ware	Fabric	Count	Weight	RimP	Abrasion	Part	Description	Vessel type	RimD	Condition	Vessel Spot date	Comments	Dec tec1	Dec motif1	Dec pos1	Dec tec2	Dec motif2	Dec pos2	Joinds	Same	DR
6	1271	TSCG	TSCG	1	2.8	2	A	RIM	Drag 18/31 OR 18/31R OR 31 OR 31R	D	22		M-L2										
6	1271	DR20	DR20	5	715.4	0	M	BDY	Dressel 20 amphora	A			M1-3, later fabric										
6	1271	TSCG	TSCG	1	31.4	10	M	R+B	Drag 31	B	18		M-L2										
6	1271	CTA2	CTA2	3	29.8	8	A	R+B	Dales ware jar	J	18		3-4, opt M3-M4, most common in E 4th at Castleford										19
6	1271	BB1	BB1	3	51.8	12	A	R+B	developed bead and flange bowl	B	20		270+										18
6	1271	GRB1	GRB1	1	34.7	0	M	BAS	chamfered base	B/D			120+										
6	1271	GRB1	GRB1	1	28.4	0	M	BAS	simple base	J			RB										
6	1271	GRB1	GRB1	7	71.1	0	A	BDX					RB										
6	1271	GRB1	GRB1	1	16.5	5	A	R+B	lipped-rim bowl/dish	B/D	22		L2+										21
6	1271	GRB1	GRB1	10	110.8	0	M	BDY+LUG	large jar, often lugged	NNJ			3+										20
6	1271	MOWS	MOWS	1	10.3	0	A	BDY		M?			?m3-m4										
6	1271	CTA2	CT	1	4.6	0	V	BDX		J			3-4										
6	1281	BB1	BB1	1	15.7	6		IRS	BB1 jar with everted rim as Gillam 1976 no. 4	J	18		L2+										
6	1281	BB1	BB1	1	20.7	4	A	R+B	flat-rim bowl/dish	B/D	22		L2		burnished	intersecting arcs	outside body						
6	1281	BB1	BB1	1	23.6	0	A	B+B	simple base	B/D		BR	120+										
6	1281	BB1	BB1	3	8.1	0	A	BDX		J			120+										
6	1281	GRB	GRB5	8	31.4	0	M	B+B	open vessel	B/D			RB										
6	1281	CTB	CTB	3	32.8	4	M	R+B	deep bowl with bead rim	WMB	28		M1-M2										22

Group	Context	Ware	Fabric	Count	Weight	RimP	Abrasion	Part	Description	Vessel type	RimD	Condition	Vessel Spot date	Comments	Dec tec1	Dec motif1	Dec pos1	Dec tec2	Dec motif2	Dec pos2	Joinds	Same	DR
6	1281	GRB1	GRB1	2	16.3	0	A	BDX					RB										
6	1281	GRB1	GRB1	2	3.8	5	A	RIM	everted	BKR	14		RB										
6	1281	GRB1	GRB1	2	12.9	2	M	RIM	everted	WMJ	32		M/L2+										
6	1281	BB1	BB1	1	13.8	5	A	IRS	everted	J	16		120+										
6	1281	GRB1	GRB1	25	198.4	0	A	BDY	closed vessel	J			RB		groove		outside body						
6	1281	TSCG	TSCG	2	8	0	A	BDY	Drag 36?	B			L2	?same as below from this context									
6	1281	TSCG	TSCG	2	9.1	0	A	R+B	Drag 36	B			L2										
6	1281	GRB1	GRB1	1	11.8	0	M	BAS	simple base	J			RB										
6	1310	TSCG	TSCG	1	1.2	1	A	RIM	Drag 18/31, 31 OR 31R	D			2										
6	1310	GRB1	GRB1	5	52.2	0	A	BDY	closed vessel	J			RB										
6	1310	OAB1	OAB1	1	5.4	0	M	BDX					RB										
6	1310	GRB1	GRB1	8	171.4	0	M	B+B	simple base	J			RB										
6	1310	CTA2	CTA2	9	109.2	2	A	R+B+B	Dales ware jar	J	18		3-4, opt M3-M4, most common in E 4th at Castleford										
6	1310	BB1	BB1	2	16.4	0	V	BDY	BB1 type jar	J			120+		burnished		outside body						
7	1111	GRB1	GRB1	1	5.5	0	A	BDX					RB										
11	1202	GRB1	GRB1	1	4.3	0	A	BDX					RB										
11	1209	DR20	DR20	1	98.5	0	A	BDX		A			M1-3										
11	1209	GRB1	GRB1	2	96.7	0	M	BDY	closed vessel	J			RB										
11	1259	DR20	DR20	1	105.5	0	M	BDY	Dressel 20 amphora	A			M1-3										
11	1273	CTA3	CTA3	2	4.1	0	V	SCR		J			L4+										
11	1273	DR20	DR20	1	197.7	0	M	BDX		A			1-m3										
11	1276	CTA2	CT	12	83.6	0	M	BDY	closed vessel	J			?3-4	Handmade, possibly Dales ware									
15	1248	GRB1	GRB1	11	6.3	0	V	SCR					RB										

Group	Context	Ware	Fabric	Count	Weight	RimP	Abrasion	Part	Description	Vessel type	RimD	Condition	Vessel Spot date	Comments	Dec tec1	Dec motif1	Dec pos1	Dec tec2	Dec motif2	Dec pos2	Joinds	Same	DR
15	1262	GRB1	GRB1	1	0.7	0	V	SCR					RB										
15	1267	GRB	GRB8	5	35.3	0	A	BDY	closed vessel	J		BR	RB										
15	1279	GTA10	GTA10	3	29.9	0	A	BDX		J			2										
30	1486	BBT1	GRB11	1	8.6	0	U	BAS		B/D			120+, probably late RB	probably a basal sherd with burnished zigzag on one surface and burnishing zones at right angles on the other surface	burnished	zigzag		burnished					
30	1486	GRB2	GRB2	1	26.5	0	V	BDX															
31	201	GRB1	GRB1	1	11	0	M	BDY	closed vessel	J			RB										
33	218	GRB1	GRB1	4	77.3	0	A	BAS	simple base	WMB			M/L2+										
34	1572	CTA3	CTA3	1	12.9	0	V	BDX				BR	M/L4+ or PRIA										
35	1524	GRB1	GRB1	1	1.4	1	V	RIM	everted	J	16		RB										
35	1564	GRA1	GRA1	1	0.5	0	V	SCR					RB										
1000	US	GRB1	GRB1	2	15.9	0	V	BDX					RB										
1000	US	GRB	GRB9	1	17.8	0	M	B+B	simple base	J			RB										
1000	US	MH2	MH2	5	169.1	9	M	R+B+B	multi-reeded rim mortarium	M	30		M3-M4										27
1000	US	GRB	GRB3	1	19.3	0	M	BDY	closed vessel	J			RB										
1000	US	MH2	MH2	1	21.3	0	M	BDX		M			140+										
1000	US	CTA3	CTA3	1	15.4	4	A	RIM	Huntcliff jar with outcurving, hooked, lid seated rim	J	24		M4+										25
1000	US	CRA PA	CRA PA	6	82.1	20	M	R+B	Crambeck type 9 (Corder 1937)	B	14		Gillam 297 AD 370-400	Inception date supported by Bidwell 2005									26

Group	Context	Ware	Fabric	Count	Weight	RimP	Abrasion	Part	Description	Vessel type	RimD	Condition	Vessel Spot date	Comments	Dec tec1	Dec motif1	Dec pos1	Dec tec2	Dec motif2	Dec pos2	Joinds	Same	DR
1000	US ex AP Area	GRB1	GRB1	1	26.9	0	V	IRS	developed bead and flange bowl	B			270+										
1000	US Spoilheap	CTA3	CTA3	1	11	0	M	BDY	closed vessel	J			M/L4+										
1000	US Topsoil stripping	GRB10	GRB10	1	25.2	6	M	RIM	Huntcliff jar with outcurving, hooked, lid seated rim	J	22		M4+										28
1004	1002	CTA3	CTA3	1	7.6	0	U	BDX		J			Prob M4+										
1004	1003	CTA3	CTA3	1	5.9	0	M	BDY	closed vessel	J			L4+	Prob E Yorks calcite gritted ware, M4+									
1006	1005	GRB	GRB3	8	89	0	M	BDY	closed vessel	J		BR PTBY	RB	All one vessel									
1049	1048	TSCG	TSCG	1	7.5	2	M	R+B	Drag 18/31 OR 18/31R OR 31	B/D	24		M-L2										
1049	1048	CTA2	CTA2	1	15.8	7	A	RIM	Dales ware jar	J	18		3-4, opt M3-M4, most common in E 4th at Castleford										
1049	1048	CTA2	CTA2	1	13.1	2	A	RIM	Dales ware jar	J	20		3-4, opt M3-M4, most common in E 4th at Castleford										
1049	1048	GRB1	GRB1	3	17.4	0	M	BDX					RB										
1049	1048	BB1	BB1	6	199.6	20	M	R+B	developed bead and flange bowl	B	26		270+										6
1049	1048	GRB1	GRB1	1	11.6	9	M	RIM	cupped-rim jar	J	14		L2/E3-M3										5

Group	Context	Ware	Fabric	Count	Weight	RimP	Abrasion	Part	Description	Vessel type	RimD	Condition	Vessel Spot date	Comments	Dec tec1	Dec motif1	Dec pos1	Dec tec2	Dec motif2	Dec pos2	Joinds	Same	DR
1049	1048	GRB1	GRB1	1	19.5	5	M	RIM	developed bead and flange bowl	B/D	28		270+										4
1049	1048	OAB1	OAB1	4	29.1	9	A	PRO	plain-rim dish	D	16		L2-4										3
1049	1048	CTA2	CTA2	38	194.6	0		B+B	simple base	J			3-4, opt M3-M4, most common in E 4th at Castleford										
1061	1060	TSCG	TSCG	1	7.8	6	M	R+B	Drag 31 OR 31R	B	22		M-L2										
1061	1060	MH2	MH2	1	299.9	20	M	PRO	multi-reeded rim mortarium	M	24		M3-M4										8
1061	1060	GRB1	GRB1	1	140.6	0	M	B+B	simple base	J			RB										
1061	1060	CTA2	CTA2	2	77.4	0	M	BDY	closed vessel	J			3-4, opt M3-M4, most common in E 4th at Castleford										
1061	1060	GRB1	GRB1	3	274.4	11	M	PRO+S	dish with down bent flat rim	D	20		M2-M3?										7
1065	1062	GRA1	GRA1	1	20.1	0	M	BDY	closed vessel	J			RB		burnished		outside body						
1067	1066	CTA2	CT??	1	0.5	0	V	SCR		J			3-4?										
1071	1070	CTA2	CTA2	1	3.6	0	V	SCR		J			3-4, opt M3-M4, most common in E 4th at Castleford										
1081	1080	GRB1	GRB1	2	161.9	0	M	B+B	simple base	WMB			M/L2+										
1081	1080	CTA2	CT	3	14.3	0	M	BDX		J			3-4	Prob Dales ware									

Group	Context	Ware	Fabric	Count	Weight	RimP	Abrasion	Part	Description	Vessel type	RimD	Condition	Vessel Spot date	Comments	Dec tec1	Dec motif1	Dec pos1	Dec tec2	Dec motif2	Dec pos2	Joinds	Same	DR
1092	1090	OAB3	OAB3	1	12.3	12	M	RIM	small jar with outcurving, lid seated rim, similar to Huntcliff jar form	J	13		?L4+	Oxidised, pale buff. Vesicular, hard with sp, subrounded quartz, rounde white incl, rounded and rectabgular vesicles									9
1253	1252	BB1	BB1	1	26.6	0	M	BAS	simple base	J			120+										
1253	1254	GRB1	GRB1	2	111.3	0	A	BAS	simple base	J		CRCK FKD	RB										
1254	1254	GRB2	GRB2?	1	7.1	0							RB										
1254	1254	BB1	BB1	2	101	21	M	R+B	flat-rim bowl/dish	B/D	22		HAD-E ANT		burnished	acute lattice	outside body						17
1284	1283	BB1	BB1	1	1.7	0	M	SCR					120+										
1284	1283	GRB1	GRB1	1	4.3	3	A	RIM	everted	J	16		2-M3										
1306	1305	CTA2	CTA2	3	18.6	0	A	BDY	closed vessel	J			3-4, opt M3-M4, most common in E 4th at Castleford										
1314	1313	GTA10	GTA10	1	19.8	5	A	RIM	large jar, often lugged, with everted rim	J	22		Prob 2nd										23
1458	1470	CTA3	CTA3	1	26.8	0	M	BDY	closed vessel	J			m/l4+	HM - decoration indicates late RB	burnished	obtuse lattice	outside body						24
1508	1509	CTA3	CTA3	3	10.7	0	A	BDX					m/l4+										
1508	1509	CTA3	CTA3	30	1358.9	0	U	B+B	simple base	J			m/l4+										
1508	1509	CTA3	CTA3	2	27.2	0	M	BDY	closed vessel	J			m/l4+										

Abbreviations

A abraded
V every abraded
M moderately abraded
U unabraded

J jar
B bowl
D dish
WMJ wide-mouthed jar
WMB wide mouthed deep bowl
NNJ narrow necked jar
M mortarium
BKR beaker
A amphora

BAS base
B~+B base and body
BDX undiagnostic body
BDY bodysherd
IRS incomplete rim
PRO profile
PRO+S profile with spout
R+B rim and body
R+B+B rim, body and base
SCR scrap

BR burnt
SL BR IBS slightly burnt inside base
PTBY post firing perforation
CRCK FKD cracked and flaked

Appendix 6: Detailed archive catalogue of the post-Roman pottery

by Chris Cumberpatch

Site	Context	Type	No	Wt	ENV	Part	Form	Decoration	Date range	Notes
FOQ99	206	Buff Gritty ware	1	1	1	BS	Hollow ware	U/Dec	LC11th - C13th	Buff gritty ware with quartz grit
FOQ99	206	Buff Gritty ware	2	1	2	BS	Hollow ware	U/Dec	LC11th - C13th	Buff to pale orange gritty ware with abundant quartz grit
FOQ99	206	Oxidised Sandy ware	1	6	1	BS	Hollow ware	U/Dec	Medieval	Unidentified orange sandy ware with moderate to abundant fine quartz grit
FOQ99	207	Oxidised Sandy ware	1	2	1	BS	U/ID	U/Dec	Medieval	Unidentified orange sandy ware with moderate to abundant fine quartz grit
FOQ99	207	Sandy ware	1	7	1	BS	U/ID	U/Dec	LC11th - C13th	Reduced core with buff margins; appears to have a pre-firing perforation
FOQ99	Subsoil	Northern Gritty ware type	1	9	1	BS	Hollow ware	U/Dec	C14th - C15th	Very hard, dense reduced gritty ware
FOQ99	U/S	BSGSW	1	17	1	Rim	Bowl	Brown ext, grey int	LC18th - C19th	Clubbed rim
FOQ99	U/S	BSGSW	1	17	1	Base	Hollow ware	Rilled band above base	C18th	
FOQ99	U/S	BSGSW	2	8	1	BS	Hollow ware	U/Dec	C18th - C19th	
FOQ99	U/S	Late Blackware	1	4	1	Spout?	Jug?	Black glaze int & ext	C18th	
FOQ99	U/S	Late Blackware	1	1	1	BS	Hollow ware	Black glaze int & ext	C18th	
FOQ99	U/S	Redware type	5	7	5	BS	U/ID	Clear glaze int	C17th - EC18th	Could be Type 1 Slipware; shattered and abraded
BYP05	1000	Midlands Purple ware	1	19	1	Base	Hollow ware	Hard purple glaze ext	C15th - C16th	Hard, dense dark brick red fabric with sparse to moderate quartz inclusions; G9
BYP05	1001	Buff Gritty ware	1	8	1	Rim	Jar/cooking pot	U/Dec	LC11th - C13th	Small square sectioned rim with sooting externally
BYP05	1062	Local Late Saxon type ware	1	7	1	BS	Hollow ware	Smoothed surface ext	Late Saxon	The sherds has a finer texture and smaller inclusions than the Bawtry example

Site	Context	Type	No	Wt	ENV	Part	Form	Decoration	Date range	Notes
BYP05	1086	Local Late Saxon type ware	1	18	1	Rim	Jar/cooking pot	Rounded rim with shallow finger marks on neck above cordon	Late Saxon	See text for description of fabric. Illustrated (Fig. 26)
BYP05	1086	Local Late Saxon type ware	5	5	5	BS	U/ID	U/Dec	Late Saxon	Small flaked and abraded body sherds; see text for fabric description
BYP05	1117	Slipware type 1	1	1	1	BS	Dish/plate	White slip int under clear glaze	C17th - EC18th	Flaked
BYP06	1000	Redware	1	3	1	BS	Dish	Clear glaze int	C17th - EC18th	
BYP06	1176	Coarse Sandy ware	1	1	1	BS	Hollow ware	U/Dec	LC11th - C13th	Buff to pale orange with quartz grit and occasional non-crystalline grit
BYP06	1181	Coarse Sandy ware	1	8	1	BS	Hollow ware	Grey self-slip ext on an orange body	LC11th - C13th	Abundant sub-rounded quartz grit
BYP06	1196	BGCW type	1	4	1	BS	Hollow ware	Brown glaze ext & partially int	C16th - C17th	Early BGCW; brick red fabric with sparse to moderate quartz
BYP06	1216	Reduced Sandy ware	1	1	1	BS	Hollow ware	U/Dec	Medieval	Sample No. 78; very small pale grey sherd
BYP06	1269	Reduced Sandy ware	2	7	2	BS	Hollow ware	Green glaze ext	C13th - C15th	Fine, quartz tempered fabric, grey core, pale grey ext margin
BYP06	1271	Coarse Sandy ware	1	3	1	BS	Hollow ware	U/Dec	LC11th - C13th	Abraded; hard, dense orange fabric with moderate quartz grit
BYP06	1273	Porcelain	1	1	1	BS	Hollow ware	Blue decoration ext	C17th - C18th	Very small (<1g) sherd; ?Chinese
BYP06	1285	Coarse Sandy ware	1	2	1	BS	Hollow ware	U/Dec	LC11th - C13th	Hard dense orange fabric with moderate to abundant quartz grit
BYP06	1317	Local Late Saxon type ware	1	1	1	BS	Hollow ware	U/Dec	Late Saxon	Flake, internal surface removed

Site	Context	Type	No	Wt	ENV	Part	Form	Decoration	Date range	Notes
BYP06	1325	Buff Sandy ware	1	1	1	BS	Hollow ware	U/Dec	LC11th - C13th	Abundant poorly sorted quartz grit
BYP06	1349	Pearlware	1	1	1	Rim	Saucer/bowl	Straight and wavy blue lines int	*c*.1780 - *c*.1840	
BYP06	1379	Coarse Sandy ware	1	5	1	BS	Hollow ware	Grey surface ext on an oxidised body	LC11th - C13th	Rounded quartz grit in a buff to orange body
BYP06	1387	Local Late Saxon type ware	5	5	5	BS	Hollow ware	U/Dec	Late Saxon	One sherd and four small chips
BYP06	1394	Buff Gritty ware	1	2	1	BS	Hollow ware	U/Dec	LC11th - C13th	
BYP06	1394	Transfer printed Whiteware	1	1	1	BS	Flatware	Chinese landscape internally	M - LC19th	
BYP06	1415	Buff Gritty ware	1	1	1	BS	Hollow ware	U/Dec	LC11th - C13th	Abundant poorly sorted quartz grit
BYP06	1415	Oxidised Sandy ware	1	3	1	BS	Hollow ware	U/Dec	Later Medieval	Quartz grit in an oxidised body
BYP06	U/S	Brown Glazed Coarseware	1	38	1	Base	Pancheon	Brown glaze int only	C18th - C19th	Use-wear on underside
BYP06	U/S	Gritty ware	1	6	1	BS	Hollow ware	Grey 'self-slip' finish ext	LC11th - C13th	Buff body with abundant quartz grit
BYP06	U/S	Hillam type ware	1	18	1	Rim	Jug/jar	Patchy clear to brown glaze externally	LC11th - EC13th	An unusual form
BYP06	U/S	Reduced Sandy ware	1	40	1	Base	Hollow ware	Green glaze int	Late Medieval	A coarse grey reduced fabric with quartz and occasional non-crystalline grit
BYP06	U/S	Sandy ware	1	4	1	BS	Hollow ware	U/Dec	Medieval	Reduced core with orange margins int & ext
BYP06	U/S	Slipware type 1	1	8	1	BS	Dish/plate	White slip on an orange body internally	C17th - EC18th	
BYP06	U/S	Unglazed Red Earthenware	1	21	1	BS	Hollow ware	U/Dec	LC18th - C19th	
BYP06	U/S	Unglazed Red Earthenware	2	10	2	BS	Flowerpot	U/Dec	LC18th - C19th	

Site	Context	Type	No	Wt	ENV	Part	Form	Decoration	Date range	Notes
BYP06		Gritty ware	1	7	1	BS	Hollow ware	U/Dec	C13th - EC15th	Grey finish ext on a dull orange body
BYP06		Hillam type ware	1	2	1	BS	Hollow ware	Rilled profile	LC11th - EC13th	Slightly more orange in colour than normal Hillam type ware
BYP06		Northern Gritty ware type	1	30	1	BS	Hollow ware	Spots of green glaze ext	C13th - EC15th	Sooted ext
BYP06		Porcelain	1	2	1	Rim	?Flatware	Blue decoration int & ext; geometric & floral	C17th - C18th	Possibly Chinese
		Total	77	458	76					

Appendix 7: Possible sources of quern stones in the West Yorkshire Coal Measures

by G.D. Gaunt

Nearly 60 sandstones are recorded in the Coal Measures of West Yorkshire. Most of them are fine grained or fine to medium grained, thin bedded and/or laminated, lithological features that do not make efficient quern stones. Some more thick-bedded or massive sandstones, even fine-grained ones, have been used for lower quern stones, but the best sandstones in the Coal Measures for making upper quern stones are those that are thick-bedded or massive, predominantly medium grained and (on the evidence from finds) with at least a sparse component of coarse grains.

Except for a few sandstones in the basal Coal Measures, which are medium to (in places mainly) coarse grained and in this respect are indistinguishable from sandstones in the underlying Millstone Grit succession, there are only a few Coal Measures sandstones that are even sparsely coarse grained. Moreover, these few sandstones can be medium to sparsely coarse grained in one area but pass laterally into much finer grained sandstones elsewhere. Those sandstones with a coarse-grained component that are most likely to have been used for making upper quern stones are:

(a) Woolley Edge Rock, which crops out around and south of Wakefield (where it is partly coarse grained) and in the Normanton-Hopetown area (where it is reportedly just medium grained).

(b) Glass Houghton Rock, which crops out mainly between Glass Houghton and Featherstone.

(c) Ackworth Rock, which crops out locally south-west of Pontefract, around Sharlston and discontinuously from East Hardwick to Ryhill, being reportedly most coarse grained around Ackworth Moor Top.

(d) Newstead (or Pontefract) Rock, which crops out in places in Pontefract (where it is sparsely coarse grained), in Wentbridge and Thorpe Audlin and locally in the Fitzwilliam-Newstead-Hemsworth area.

Appendix 8: Osteological and palaeopathological catalogue

by Malin Holst

Abbreviations

Present - Tooth presence; am - ante-mortem tooth loss; pm - post-mortem tooth loss; p - tooth present; - - jaw not present

Caries - Calculus; F - flecks of calculus; S - slight calculus; M - moderate calculus; H - heavy calculus; a - all surfaces; b - buccal surface; d - distal surface; m - mesial surface; l - lingual surface; o - occlusal surface

DEH - dental enamel hypoplasia; l - lines; g - grooves; p - pits

Caries - caries; s - small lesions; m - moderate lesions; l - large lesions

Wear - dental wear; numbers from 1-8 - slight to severe wear

Skeleton Number	**1**
Preservation	Moderate
Completeness	75%, all but scapulae, parts of facial, most joints, most vertebrae except lumbar vertebrae, most of hands and feet
Age	46+ mature adult
Sex	Male
Stature	-
Non-Metric Traits	Hypotrochanteric fossa (bilateral)
Pathology	Slight spinal DJD on lumbar vertebrae, DJD in right acetabulum, bone excavations for *gluteus maximus*
Dental Health	11 teeth, calculus on 1/11 teeth, severe wear

	Right Dentition								Left Dentition							
Present	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Calculus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Caries	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wear	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Maxilla	**8**	**7**	**6**	**5**	**4**	**3**	**2**	**1**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**
Mandible	**8**	**7**	**6**	**5**	**4**	**3**	**2**	**1**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**
Present	-	P	P	P	P	P	-	P	P	-	P	-	P	P	P	-
Calculus	-	Sl	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEH	-	-	-	-	-	L	-	-	-	-	-	-	-	-	-	-
Caries	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wear	-	7	6	5	5	6	-	5	5	-	4	-	4	3	2	-

Skeleton Number	**2**
Preservation	Poor
Completeness	45%, parts of arms, legs, right hand and acetabuli
Age	26+
Sex	Female?
Stature	-
Non-Metric Traits	-
Pathology	-
Dental Health	-

Skeleton Number	**3**
Preservation	Moderate
Completeness	60%, parts of all except most of skull, shoulders, upper and central spine, ribs and feet
Age	46+, mature adult
Sex	Male
Stature	162.3 ± 3.27cm
Non-Metric Traits	Third trochanter (bilateral)
Pathology	Moderate DJD in lumbar spine, *Osteochondritis dissecans* lesions on lateral condyles 14.1mm in diameter, *enthesopathies* for *soleus* on tibiae, moderate bone excavations for *teres major* and *pectoralis major* on humeri, considerable bone excavation on left ulna for *brachialis*
Dental Health	24 teeth, moderate wear, caries 2/24, 2/24 with DEH

	Right Dentition								Left Dentition							
Present	-	-	-	P	P	-	P	P	P	P	P	P	P	-	-	P
Calculus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Caries	-	-	-	-	-	-	-	-	-	-	-	-	La	-	-	-
Wear	-	-	-	5	5	-	5	5	5	5	5	5	-	-	-	3
Maxilla	**8**	**7**	**6**	**5**	**4**	**3**	**2**	**1**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**
Mandible	**8**	**7**	**6**	**5**	**4**	**3**	**2**	**1**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**
Present	P	P	P	P	P	P	P	P	P	P	P	P	P	-	-	P
Calculus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEH	-	-	-	-	-	G	G	-	-	-	-	-	-	-	-	-
Caries	-	-	Mm	-	-	-	-	-	-	-	-	-	-	-	-	-
Wear	5	5	7	4	4	5	5	5	5	5	5	5	5	-	-	7

Skeleton Number	**5**
Preservation	Poor
Completeness	35%, right arm, parts of left arm, parts of both hands, the right leg and hip
Age	18+
Sex	Male
Stature	-
Non-Metric Traits	Exostosis in trochanteric fossa (right)
Pathology	DJD on left distal hand phalanges, coxa vara
Dental Health	No teeth

Skeleton Number	**6**
Preservation	Poor
Completeness	65% parts of all except most joints and most of spine
Age	26+
Sex	Female
Stature	-
Non-Metric Traits	Hypotrochanteric fossa (bilateral)
Pathology	Slight DJD in lumbar spine, bone excavation on left ulna for *brachialis*
Dental Health	31 teeth, 1 lost AM, 9/31 teeth with calculus, 1/31 teeth with caries, moderate wear

	Right Dentition								Left Dentition							
Present	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
Calculus	-	-	-	-	-	-	-	-	-	-	-	-	-	Fa	Fa	Fa
DEH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Caries	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wear	2	5	6	6	5	4	4	5	5	4	4	5	6	7	4	2
Maxilla	**8**	**7**	**6**	**5**	**4**	**3**	**2**	**1**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**
Mandible	**8**	**7**	**6**	**5**	**4**	**3**	**2**	**1**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**
Present	P	P	P	P	P	P	P	P	P	P	P	P	P	AM	P	P
Calculus	-	Ml	-	Ml	-	-	-	-	-	-	-	Fa	Fa	-	Sl	Ml
DEH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Caries	Mo	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wear	2	5	5	4	4	4	4	4	4	4	4	4	4	-	4	1

Skeleton Number	**8**
Preservation	Very poor
Completeness	10% parts of both legs and hips
Age	Juvenile, 4-7
Sex	-
Stature	-
Non-Metric Traits	Hypotrochanteric fossa (left)
Pathology	-
Dental Health	No teeth

Skeleton Number	**10**
Preservation	Poor
Completeness	65% parts of all except feet and most of spine and joints
Age	36+
Sex	Male
Stature	-
Non-Metric Traits	Circumflex sulcus (right), hypotrochanteric fossa (bilateral)
Pathology	8 vertebral body fragments with moderate DJD
Dental Health	27 teeth, 3/27 teeth with caries, 6/27 with DEH, severe wear

	Right Dentition								Left Dentition							
Present	-	-	P	P	P	P	P	P	P	P	P	P	P	P	P	P
Calculus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEH	-	-	-	-	-	G	G	G	G	G	G	-	-	-	-	-
Caries	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Ld	La
Wear	-	-	6	6	5	6	5	5	5	5	6	5	6	7	6	-
Maxilla	**8**	**7**	**6**	**5**	**4**	**3**	**2**	**1**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**
Mandible	**8**	**7**	**6**	**5**	**4**	**3**	**2**	**1**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**
Present	P	-	-	P	P	P	P	P	P	P	P	P	P	-	P	P
Calculus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Caries	-	-	-	-	Md	-	-	-	-	-	-	-	-	-	-	-
Wear	6	-	-	6	5	6	5	6	6	5	6	5	6	-	6	5’

Appendix 9: Detailed archive catalogue of the carbonised plant macrofossils and charcoal

by Diane Alldritt

Table 16. Results from the soil samples for FOQ99

Site Code: FOQ99	**Sample**	5	6	7	8	9	10	11
	Context	204	201	206	207	211	213	220
	Phase	4	4	4	4	4	4	4
	Other Info							
	Total CV	<2.5ml	<2.5ml	5ml	<2.5ml	<2.5ml	2.5ml	2.5ml
	Modern	10ml	5ml	2.5ml	5ml	2.5ml	10ml	10ml
Charcoal	**Common Name**							
Indeterminate								1 (0.14g)
Other Remains								
Non-marine molluscs		20+	50+		10+	50+	10+	10+

Table 17. Results from the soil samples for BYP05

	Phase	3	3	3	3	3	3	3	4	4	4	4	4
	Sample	33	36	57	58	59	60	63	1	2	3	4	5
	Context	1042	1011	1103	1106	1111	1113	1123	1015	1015	1015	1015	1015
	Other Info								Sk.1	Sk.1	Sk.1	Sk.1	Sk.1
	Total CV	60ml	<2.5ml	<2.5ml	2.5ml	5ml	2.5ml	<2.5ml	2.5ml	<2.5ml	<2.5ml	<2.5ml	<2.5ml
	Modern	10ml	5ml	5ml	5ml	5ml	5ml	2.5ml	50ml	5ml	5ml	10ml	5ml
Carbonised Cereal Grain and Chaff	**Common Name**												
Avena sp.	oat												
Triticum aestivum sl.	bread / spelt wheat					2			2				
Triticum sp.	wheat								2				
Triticum / *Hordeum* sp.	wheat / barley												
Hordeum vulgare var. *vulgare*	hulled barley												
Hordeum vulgare sl.	barley	39								1		2	1
Indeterminate cereal grain (+embryo)		6			2	9	1		7				1
Triticum spelta glume bases	spelt wheat chaff												
Charcoal													
Quercus	oak	6 (1.37g)											
Corylus	hazel	1 (0.16g)											
cf. *Betula*	cf. birch												
Carbonised Weeds													
Chenopodium album	fat hen												
Polygonum aviculare sl.	knotgrasses												
Galium aparine	cleavers												
Chrysanthemum coronarium	crown daisy												
Small Poaceae	grass family												
Vicia sp.	vetches												
Other Remains													
Non-marine molluscs		50+	10+	50+	20+	10+	20+	10+	50+	20+	10+	10+	10+
Earthworm egg capsules								1	2				
Burnt bone		1 (0.71g)											

	Phase	4	4	4	4	4	4	4	4	4	4	4	4
	Sample	6	7	8	9	10	11	12	13	15	16	17	18
	Context	1015	1015	1015	1015	1015	1017	1017	1017	1017	1017	1017	1019
	Other Info	Sk.1	Sk.1	Sk.1	Sk.1	Sk.1	Sk.2	Sk.2	Sk.2	Sk.2	Sk.2	Sk.2	Sk.3
	Total CV	<2.5ml	<2.5ml	<2.5ml	<2.5ml	2.5ml	<2.5ml	<2.5ml	<2.5ml	0	<2.5ml	<2.5ml	10ml
	Modern	5ml	5ml	5ml	<2.5ml	10ml	5ml	2.5ml	2.5ml	<2.5ml	<2.5ml	<2.5ml	30ml
Carbonised Cereal Grain and Chaff	**Common Name**												
Avena sp.	oat												
Triticum aestivum sl.	bread / spelt wheat		1										6
Triticum sp.	wheat						1						
Triticum / *Hordeum* sp.	wheat / barley												
Hordeum vulgare var. *vulgare*	hulled barley												
Hordeum vulgare sl.	barley					1			2				5
Indeterminate cereal grain (+embryo)		1	1	2	1	3			1			1	12
Triticum spelta glume bases	spelt wheat chaff												
Charcoal													
Quercus	oak												
Corylus	hazel												
cf. *Betula*	cf. birch												2 (0.41g)
Carbonised Weeds													
Chenopodium album	fat hen												
Polygonum aviculare sl.	knotgrasses												
Galium aparine	cleavers		1										
Chrysanthemum coronarium	crown daisy												
Small Poaceae	grass family												
Vicia sp.	vetches												
Other Remains													
Non-marine molluscs			10+	10+	5	20+	10+	5			10+	10+	20+
Earthworm egg capsules											1		5
Burnt bone													

	Phase	4	4	4	4	4	4	4	4	4	4	4	4
	Sample	19	20	21	22	23	24	25	26	27	28	29	30
	Context	1019	1019	1019	1019	1019	1019	1019	1019	1019	1019	1019	1015
	Other Info	Sk.3	Sk.3	Sk.3	Sk.3	Sk.3	Sk.3	Sk.3	Sk.3	Sk.3	Sk.3	Sk.3	
	Total CV	5ml	<2.5ml	<2.5ml	2.5ml	<2.5ml	2.5ml	<2.5ml	<2.5ml	<2.5ml	2.5ml	<2.5ml	5ml
	Modern	2.5ml	<2.5ml	<2.5ml	<2.5ml	<2.5ml	<2.5ml	<2.5ml	0	<2.5ml	2.5ml	0	<2.5ml
Carbonised Cereal Grain and Chaff	**Common Name**												
Avena sp.	oat												
Triticum aestivum sl.	bread / spelt wheat										4	1	3
Triticum sp.	wheat												1
Triticum / *Hordeum* sp.	wheat / barley												
Hordeum vulgare var. *vulgare*	hulled barley												
Hordeum vulgare sl.	barley												
Indeterminate cereal grain (+embryo)		1		1	6		3				4	1	2
Triticum spelta glume bases	spelt wheat chaff												
Charcoal													
Quercus	oak												
Corylus	hazel												
cf. *Betula*	cf. birch												
Carbonised Weeds													
Chenopodium album	fat hen												
Polygonum aviculare sl.	knotgrasses												
Galium aparine	cleavers												
Chrysanthemum coronarium	crown daisy												
Small Poaceae	grass family												
Vicia sp.	vetches												
Other Remains													
Non-marine molluscs		5		3				5			10+		5
Earthworm egg capsules					1		1				2		2
Burnt bone													

	Phase	4	4	4	4	4	4	4	4	4	4	4	4
	Sample	31	32	34	35	37	38	39	42	43	44	45	46
	Context	1035	1039	1046	1013	1021	1048	1009	1056	1063	1064	1066	1070
	Other Info												
	Total CV	<2.5ml	2.5ml	<2.5ml	<2.5ml	2.5ml	<2.5ml	2.5ml	<2.5ml	2.5ml	10ml	5ml	15ml
	Modern	<2.5ml	2.5ml	<2.5ml	5ml	2.5ml	2.5ml	5ml	<2.5ml	2.5ml	<2.5ml	15ml	10ml
Carbonised Cereal Grain and Chaff	**Common Name**												
Avena sp.	oat	1									2		1
Triticum aestivum sl.	bread / spelt wheat							3		2	2	5	
Triticum sp.	wheat												1
Triticum / *Hordeum* sp.	wheat / barley												
Hordeum vulgare var. *vulgare*	hulled barley										2		
Hordeum vulgare sl.	barley	2								2	10		
Indeterminate cereal grain (+embryo)						1	2			1	43	7	10
Triticum spelta glume bases	spelt wheat chaff												
Charcoal													
Quercus	oak												
Corylus	hazel												
cf. *Betula*	cf. birch												
Carbonised Weeds													
Chenopodium album	fat hen										1		
Polygonum aviculare sl.	knotgrasses												
Galium aparine	cleavers												
Chrysanthemum coronarium	crown daisy										2		
Small Poaceae	grass family										1		
Vicia sp.	vetches												1
Other Remains													
Non-marine molluscs		10+	30+	20+	10+	5	20+	50+	10+	20+	10+	10+	10+
Earthworm egg capsules											1	2	
Burnt bone													

	Phase	4	4	4	4	4	4	4	4	4	4	4	4
	Sample	48	52	53	54	56	62	64	65	66	67	68	69
	Context	1060	1084	1086	1091	1095	1119	1125	1129	1131	1139	1149	1151
	Other Info												
	Total CV	2.5ml	<2.5ml	2.5ml	15ml	<2.5ml	2.5ml	<2.5ml	<2.5ml	2.5ml	<2.5ml	<2.5ml	<2.5ml
	Modern	<2.5ml	<2.5ml	10ml	<2.5ml	5ml	5ml	5ml	5ml	2.5ml	5ml	5ml	5ml
Carbonised Cereal Grain and Chaff	**Common Name**												
Avena sp.	oat												
Triticum aestivum sl.	bread / spelt wheat				7								
Triticum sp.	wheat												
Triticum / *Hordeum* sp.	wheat / barley				8								
Hordeum vulgare var. *vulgare*	hulled barley				1								
Hordeum vulgare sl.	barley												
Indeterminate cereal grain (+embryo)		2			37		3	1				1	
Triticum spelta glume bases	spelt wheat chaff				2								
Charcoal													
Quercus	oak												
Corylus	hazel												
cf. *Betula*	cf. birch												
Carbonised Weeds													
Chenopodium album	fat hen												
Polygonum aviculare sl.	knotgrasses												
Galium aparine	cleavers												
Chrysanthemum coronarium	crown daisy												
Small Poaceae	grass family												
Vicia sp.	vetches												
Other Remains													
Non-marine molluscs		10+	50+	50+		20+		5+		20+	10+	5+	10+
Earthworm egg capsules													
Burnt bone													

	Phase	4	5	6	∞	∞	∞	∞	∞	∞
	Sample	70	61	41	40	47	49	50	51	55
	Context	1153	1117	1054	1052	1072	1074	1078	1082	1093
	Other Info				25%					
	Total CV	<2.5ml	<2.5ml	5ml	80ml	<2.5ml	5ml	2.5ml	<2.5ml	15ml
	Modern	<2.5ml	<2.5ml	5ml	2.5ml	5ml	<2.5ml	<2.5ml	5ml	<2.5ml
Carbonised Cereal Grain and Chaff	**Common Name**									
Avena sp.	oat									
Triticum aestivum sl.	bread / spelt wheat				288					
Triticum sp.	wheat									2
Triticum / *Hordeum* sp.	wheat / barley									
Hordeum vulgare var. *vulgare*	hulled barley									
Hordeum vulgare sl.	barley						5			5
Indeterminate cereal grain (+embryo)				1	320			2	3	66
Triticum spelta glume bases	spelt wheat chaff									
Charcoal										
Quercus	oak									
Corylus	hazel									1 (0.1g)
cf. *Betula*	cf. birch									
Carbonised Weeds										
Chenopodium album	fat hen				1					1
Polygonum aviculare sl.	knotgrasses				3					
Galium aparine	cleavers									
Chrysanthemum coronarium	crown daisy									
Small Poaceae	grass family									
Vicia sp.	vetches									
Other Remains										
Non-marine molluscs		10+	10+	30+	20+	10+	10+	20+	10+	
Earthworm egg capsules				1	1					
Burnt bone										

Table 18. Results from the soil samples for BYP06

	Phase	2	2	2	2	2	2	2	2	3	3	3	3
	Sample	136	137	138	139	140	141	142	143	72	76	87	93
	Context	1413	1413	1413	1413	1413	1413	1413	1413	1187	1210	1248	1271
	Other Info	Sk.10	Sk.10	Sk.10	Sk.10	Sk.10	Sk.10	Sk.10	Sk.10				
	Total CV	10ml	<2.5ml	2.5ml	<2.5ml	<2.5ml	2.5ml	<2.5ml	5ml	0	<2.5ml	2.5ml	<2.5ml
	Modern	30ml	10ml	5ml	5ml	5ml	5ml	<2.5ml	10ml	5ml	<2.5ml	5ml	<2.5ml
Carbonised Cereal Grain and Chaff	**Common Name**												
Avena sp.	oat												
Triticum aestivum sl.	bread / spelt wheat												
Triticum sp.	wheat												
Hordeum vulgare var. *vulgare*	hulled barley	2											
Hordeum vulgare sl.	barley												
cf. *Hordeum* sp.	cf. barley												
Indeterminate cereal grain (+embryo)		1			1								
Charcoal													
Quercus	oak			1 (?)									
Corylus	hazel												
Indeterminate													
Carbonised Weeds													
Chenopodium album	fat hen												
Other Remains													
Non-marine molluscs		10+	20+	10+	10+	20+	20+	1	50+	20+	10+	50+	10+
Earthworm egg capsules					2								
Burnt bone													
Bone													
Coal / Burnt vesicular material													
Burnt peat-like / cindery material													

	Phase	3	3	3	3	3	3	3	3	3	4	4	4
	Sample	94	97	98	99	101	103	104	106	109	80	107	112
	Context	1277	1283	1285	1287	1299	1301	1305	1310	1319	1225	1313	1329
	Other Info												
	Total CV	<2.5ml	15ml	10ml	<2.5ml	<2.5ml	<2.5ml	<2.5ml	2.5ml	<2.5ml	<2.5ml	<2.5ml	<2.5ml
	Modern	<2.5ml	<2.5ml	5ml	5ml	5ml	<2.5ml	5ml	<2.5ml	5ml	5ml	5ml	5ml
Carbonised Cereal Grain and Chaff	**Common Name**												
Avena sp.	oat												
Triticum aestivum sl.	bread / spelt wheat												
Triticum sp.	wheat		1										
Hordeum vulgare var. *vulgare*	hulled barley												
Hordeum vulgare sl.	barley												
cf. *Hordeum* sp.	cf. barley												
Indeterminate cereal grain (+embryo)		1	3				1		2				
Charcoal													
Quercus	oak												
Corylus	hazel		2 (3.44g)										
Indeterminate			2 (1.12g)										
Carbonised Weeds													
Chenopodium album	fat hen	1											
Other Remains													
Non-marine molluscs		20+	20+	50+	20+	20+	20+	20+	20+	20+	5+	30+	20+
Earthworm egg capsules			1										2
Burnt bone													
Bone													
Coal / Burnt vesicular material					10ml								
Burnt peat-like / cindery material				3 (0.7g)									

	Phase	4	4	4	4	4	4	5	5	5	6	6	6
	Sample	113	120	121	145	151	160	77	78	128	71	115	117
	Context	1335	1363	1369	1426	1446	1471	1214	1216	1387	1191	1345	1349
	Other Info					25%							
	Total CV	<2.5ml	10ml	<2.5ml	<2.5ml	200ml	10ml	<2.5ml	<2.5ml	<2.5ml	2.5ml	<2.5ml	<2.5ml
	Modern	2.5ml	5ml	5ml	10ml	5ml	<2.5ml	5ml	5ml	5ml	<2.5ml	<2.5ml	5ml
Carbonised Cereal Grain and Chaff	**Common Name**												
Avena sp.	oat					1	2						
Triticum aestivum sl.	bread / spelt wheat					1344	7						
Triticum sp.	wheat									2			
Hordeum vulgare var. *vulgare*	hulled barley												
Hordeum vulgare sl.	barley					2	9						
cf. *Hordeum* sp.	cf. barley												
Indeterminate cereal grain (+embryo)						1072	29	1	2				
Charcoal													
Quercus	oak												
Corylus	hazel												
Indeterminate													
Carbonised Weeds													
Chenopodium album	fat hen												
Other Remains													
Non-marine molluscs		20+	20+	20+	50+	20+	10+	10+	5+	20+	5+	30+	20+
Earthworm egg capsules		1							2				
Burnt bone													
Bone													
Coal / Burnt vesicular material			5ml						5ml				
Burnt peat-like / cindery material			3 (1.42g)										

	Phase	6	6	6	6	6	6	6	∞	∞	∞	∞
	Sample	118	122	129	130	135	144	149	79	85	88	100
	Context	1351	1373	1394	1393	1407	1419	1422	1223	1250	1257	1289
	Other Info											
	Total CV	<2.5ml	<2.5ml	5ml	<2.5ml	<2.5ml	<2.5ml	<2.5ml	<2.5ml	2.5ml	<2.5ml	5ml
	Modern	5ml	<2.5ml	2.5ml	5ml	5ml	2.5ml	<2.5ml	5ml	2.5ml	5ml	5ml
Carbonised Cereal Grain and Chaff	**Common Name**											
Avena sp.	oat											
Triticum aestivum sl.	bread / spelt wheat											
Triticum sp.	wheat											
Hordeum vulgare var. *vulgare*	hulled barley											
Hordeum vulgare sl.	barley											
cf. *Hordeum* sp.	cf. barley						1					
Indeterminate cereal grain (+embryo)		1					1					
Charcoal												
Quercus	oak											
Corylus	hazel											
Indeterminate												
Carbonised Weeds												
Chenopodium album	fat hen											
Other Remains												
Non-marine molluscs		20+	10+	20+	20+	10+	10+	10+	5+	20+	20+	20+
Earthworm egg capsules				3								
Burnt bone												
Bone				10 (0.95g)								
Coal / Burnt vesicular material												
Burnt peat-like / cindery material				2 (0.65g)								

	Phase	∞	∞	∞	∞	∞	∞
	Sample	108	111	124	126	131	146
	Context	1315	1327	1375	1377	1397	1432
	Other Info						
	Total CV	<2.5ml	<2.5ml	2.5ml	<2.5ml	5ml	<2.5ml
	Modern	2.5ml	<2.5ml	2.5ml	10ml	<2.5ml	5ml
Carbonised Cereal Grain and Chaff	**Common Name**						
Avena sp.	oat						
Triticum aestivum sl.	bread / spelt wheat						
Triticum sp.	wheat						1
Hordeum vulgare var. *vulgare*	hulled barley						
Hordeum vulgare sl.	barley						
cf. *Hordeum* sp.	cf. barley						
Indeterminate cereal grain (+embryo)							3
Charcoal							
Quercus	oak						
Corylus	hazel						
Indeterminate							
Carbonised Weeds							
Chenopodium album	fat hen						
Other Remains							
Non-marine molluscs		10+	5+	10+	20+	20+	10+
Earthworm egg capsules					2		
Burnt bone							
Bone							
Coal / Burnt vesicular material							
Burnt peat-like / cindery material						6 (1.32g)	

Table 19. Results from the soil samples for BYP07

	Phase	3	3	3	3	3	3	3	3	4	4	4
	Sample	172	173	177	179	180	182	194	198	163	164	165
	Context	1519	1527	1533	1545	1537	1550	1593	1601	1478	1480	1482
	Total CV	No Flot	No Flot	<2.5ml	No Flot	<2.5ml	0	<2.5ml	No Flot	5ml	<2.5ml	2.5ml
	Modern	No Flot	No Flot	<2.5ml	No Flot	<2.5ml	<2.5ml	<2.5ml	No Flot	No Flot	<2.5ml	<2.5ml
Carbonised Cereal Grain	**Common Name**											
Hordeum vulgare sl.	barley											3
Indeterminate cereal grain (+embryo)												3
Charcoal												
Quercus	oak											
Corylus	hazel											
Betula	birch									1 (0.51g)		
Indeterminate										4 (0.60g)		
Carbonised Wild Resources												
Burnt peat												
Burnt vesicular / organic												
Non-Carbonised Remains												
Modern seeds											4	
Non-marine mollusc shells				5+							10+	10+
Earthworm egg capsules												1
Beetle body parts												
Modern whole bud												

	Phase	4	4	4	4	4	4	4	4	4	4	6
	Sample	168	171	178	181	185	190	191	195	196	197	167
	Context	1490	1509	1531	1543	1568	1581	1582	1599	1595	1591	1496
	Total CV	<2.5ml	<2.5ml	<2.5ml	No Flot	<2.5ml	0	No Flot	No Flot	<2.5ml	2.5ml	5ml
	Modern	2.5ml	<2.5ml	2.5ml	No Flot	<2.5ml	<2.5ml	No Flot	No Flot	5ml	No Flot	5ml
Carbonised Cereal Grain	**Common Name**											
Hordeum vulgare sl.	barley											
Indeterminate cereal grain (+embryo)												1
Charcoal												
Quercus	oak											
Corylus	hazel											
Betula	birch											
Indeterminate											1 (0.14g)	
Carbonised Wild Resources												
Burnt peat												
Burnt vesicular / organic												2 (0.46g)
Non-Carbonised Remains												
Modern seeds												
Non-marine mollusc shells		5+		5+								20+
Earthworm egg capsules			1							3		
Beetle body parts										5+		
Modern whole bud										1		

	Phase	6	6	6	6	6	6	∞	∞	∞	∞	∞
	Sample	169	174	175	183	184	187	170	176	188	189	192
	Context	1486	1522	1514	1547	1564	1577	1500	1529	1587	1589	1584
	Total CV	<2.5ml	5ml	No Flot	No Flot	2.5ml	10ml	No Flot	<2.5ml	<2.5ml	0	No Flot
	Modern	5ml	2.5ml	No Flot	No Flot	5ml	20ml	No Flot	2.5ml	<2.5ml	<2.5ml	No Flot
Carbonised Cereal Grain	**Common Name**											
Hordeum vulgare sl.	barley											
Indeterminate cereal grain (+embryo)												
Charcoal												
Quercus	oak						1 (0.02g)					
Corylus	hazel						1 (0.32g)					
Betula	birch											
Indeterminate						1 (0.02g)						
Carbonised Wild Resources												
Burnt peat							3 (0.36g)					
Burnt vesicular / organic			1 (1.04g)			2 (0.23g)	1 (0.24g)					
Non-Carbonised Remains												
Modern seeds		5+								2		
Non-marine mollusc shells		10+	5+						5+			
Earthworm egg capsules							2					
Beetle body parts												
Modern whole bud												

Appendix 10: Detailed archive catalogue of the mollusc remains

by John Carrott and Alex Beacock

Table 20. FOQ99: Land snails recovered in the washovers (flots) from the sediment samples. Key: CN = context number; P = phase; S = sample number; G = Group number; Description = Context description; V = approximate volume of washover in ml; f = few (up to 3 individuals); s = some (4 to 20); m = many (21 to 50); vm = very many (more than 50); figures give minimum numbers of individuals. Nomenclature and taxonomic order follows Kerney (1999)

CN	P	S	G	Description	V	*Carychium ?tridentatum* (Risso)	*Carychium* sp.	*Cochlicopa ?lubrica* (Müller)	*Cochlicopa ?lubricella* (Porro)	*Cochlicopa* sp.	*Truncatellina cylindrica* (Férussac)	*Vertigo pusilla* Müller	*Vertigo pygmaea* (Drapamaud)	*Pupilla muscorum* (L.)	*P. muscorum/ Lauria cylindracea* (da	*Lauria cylindracea* (da Costa)	*Vallonia ?costata* (Müller)	*Vallonia ?excentrica* Sterki	*Acanthinula aculeata* (Müller)	*Punctum pygmaeum* (Draparnaud)	*Discus rotundatus* (Müller)	*Vitrea crystallina* (Müller)	*?Aegopinella* sp.	*?Oxychilus* sp.	*Cecilioides acicula* (Müller)	*Clausilia bidentata* (Ström)	Clausilid	*Trichia ?hispida* (L.)	*?Trichia* sp.	*Cepaeq/Arianta* sp.
201	4	6	32	Secondary fill of ditch 202	30	m		1	1				1		1			m	2	s	20	1	1		s	3		f		1
204	4	5	33	Primary fill of ditch 203	30	13							1								4				vm		2	6		
206	4	7	33	Secondary fill of ditch 208	20													2							f					
207	4	8	33	Primary fill of ditch 208	8					3				1				4	4	1					s	2				
211	4	9	31	Primary fill of ditch 209	25		vm		s		9	s	s	f		f	s	vm	s		m			s	s	3		f		
213	∞	10	-	Primary fill of pit 212	25	s		f										s							m			1		
220	∞	11	-	Primary fill of gully 219	25	1												f							s				1	

Table 21. BYP05: Land snails recovered in the washovers (flots) from the sediment samples. Key: CN = context number; P = phase; S = sample number; G = Group number; Description = Context description; V = approximate volume of washover in ml; f = few (up to 3 individuals); s = some (4 to 20); m = many (21 to 50); vm = very many (more than 50); figures give minimum numbers of individuals. Nomenclature and taxonomic order follows Kerney (1999)

CN	P	S	G	Description	V	*Carychium ?tridentatum* (Risso)	*Carychium ?minimum* Müller	Planorbid	Small succineid	*Cochlicopa ?lubrica* (Müller)	*Cochlicopa ?lubricella* (Porro)	*Cochlicopa* sp.	*Truncatellina cylindrica* (Férussac)	*Vertigo pusilla* Müller	*Vertigo pygmaea* (Draparnaud)	*Vertigo ?pygmaea* (Draparnaud)	*P. muscorum/ Lauria cylindracea* (da Costa)	*Lauria cylindracea* (da Costa)	*Vallonia ?costata* (Müller)	*Vallonia ?excentrica* Sterki	*Acanthinula aculeata* (Müller)	*Punctum pygmaeum* (Draparnaud)	*Discus rotundatus* (Müller)	*Vitrea crystallina* (Müller)	*?Aegopinella* sp.	*?Oxychilus* sp.	*Cecilioides acicula* (Müller)	*Clausilia bidentata* (Ström)	Clausilid	*Trichia ?hispida* (L.)	*?Trichia* sp.	*Cepaeq/Arianta* sp.
1009	4	39	3	Primary fill of ditch 1010	15	20				3					s			2	f	m	s				1	vm			2		1
1011	3	36	8	Primary fill of ditch terminus 1012	10														1	s	2					vm			3		
1013	4	35	2	Primary fill of ditch terminus 1014	10	2	1													s						m			f		
1015	4	1	-	Fill of grave 1016 (SK1)	150	6			2	1						10				22		1		2		vm	1			s	
	4	2			5										2					9						vm				3	
	4	3			3																					s					
	4	4			10															5						m				3	
	4	5			10															1		1				m				4	
	4	6			10																					s					
	4	7			10											1				1				1		m				2	
	4	8			15										1					1						m			1		

CN	P	S	G	Description	V	*Carychium ?tridentatum* (Risso)	*Carychium ?minimum* Müller	Planorbid	Small succineid	*Cochlicopa ?lubrica* (Müller)	*Cochlicopa ?lubricella* (Porro)	*Cochlicopa* sp.	*Truncatellina cylindrica* (Férussac)	*Vertigo pusilla* Müller	*Vertigo pygmaea* (Draparnaud)	*Vertigo ?pygmaea* (Draparnaud)	*P. muscorum/ Lauria cylindracea* (da Costa)	*Lauria cylindracea* (da Costa)	*Vallonia ?costata* (Müller)	*Vallonia ?excentrica* Sterki	*Acanthinula aculeata* (Müller)	*Punctum pygmaeum* (Draparnaud)	*Discus rotundatus* (Müller)	*Vitrea crystallina* (Müller)	*?Aegopinella* sp.	*?Oxychilus* sp.	*Cecilioides acicula* (Müller)	*Clausilia bidentata* (Ström)	Clausilid	*Trichia ?hispida* (L.)	*?Trichia* sp.	*Cepaeq/Arianta* sp.
	4	9			3															1						1	s					
	4	10			15	2				1						4				6			1	1			vm					
	4	30			5															2							s					
1017	4	11	-	Fill of grave 1018 (SK2)	5																						s				1	
	4	12			3																						f			1		
	4	13			5	1														2							m					
	4	15			1																						-					
	4	16			3																						s				1	
	4	17			3																						s					
1019	4	18	-	Fill of grave 1020 (SK3)	75				1					3	2	1			2	6				1	f		vm				s	
	4	19			5										1												m				1	
	4	20			3																						f					
	4	21			3																						s			1		
	4	22			5																						s					
	4	23			<1																						-					
	4	24			10																						s					
	4	25			1																						-					
	4	26			<1																						1					
	4	27			2																						-					

CN	P	S	G	Description	V	*Carychium ?tridentatum* (Risso)	*Carychium ?minimum* Müller	Planorbid	Small succineid	*Cochlicopa ?lubrica* (Müller)	*Cochlicopa ?lubricella* (Porro)	*Cochlicopa* sp.	*Truncatellina cylindrica* (Férussac)	*Vertigo pusilla* Müller	*Vertigo pygmaea* (Draparnaud)	*Vertigo ?pygmaea* (Draparnaud)	*P. muscorum/ Lauria cylindracea* (da Costa)	*Lauria cylindracea* (da Costa)	*Vallonia ?costata* (Müller)	*Vallonia ?excentrica* Sterki	*Acanthinula aculeata* (Müller)	*Punctum pygmaeum* (Draparnaud)	*Discus rotundatus* (Müller)	*Vitrea crystallina* (Müller)	*?Aegopinella* sp.	*?Oxychilus* sp.	*Cecilioides acicula* (Müller)	*Clausilia bidentata* (Ström)	Clausilid	*Trichia ?hispida* (L.)	*?Trichia* sp.	*Cepaeq/Arianta* sp.
	4	28			5																					m					
	4	29			<1																					3					
1021	4	37	1	Primary fill of ditch 1022	5																					m					
1035	4	31	2	Primary fill of ditch 1036	1																					s					
1039	4	32	1	Primary fill of ditch 1040	15	15					2						1		1	7			9		2		m			2		
1042	3	33	8	Cremation in ditch terminus 1043	150	5				1						3				15			4	1		4	vm				6	
1046	4	34	1	Primary fill of ditch 1047	5	3					3								2	10			3	1			vm		1		7	
1048	4	38	-	Primary fill of pit 1049	3	2														2							vm					
1052	∞	40	-	Primary fill of pit 1053	>1000															f						1	s				1	
1054	6	41	10	Primary fill of furrow 1055	20				1					3					3	20	3	14	3	4			m			14		1
1056	4	42	3	Primary fill of ditch 1057	5	7							1		1					5	1	1	7				vm		2		3	

CN	P	S	G	Description	V	*Carychium ?tridentatum* (Risso)	*Carychium ?minimum* Müller	Planorbid	Small succineid	*Cochlicopa ?lubrica* (Müller)	*Cochlicopa ?lubricella* (Porro)	*Cochlicopa* sp.	*Truncatellina cylindrica* (Férussac)	*Vertigo pusilla* Müller	*Vertigo pygmaea* (Draparnaud)	*Vertigo ?pygmaea* (Draparnaud)	*P. muscorum/ Lauria cylindracea* (da Costa)	*Lauria cylindracea* (da Costa)	*Vallonia ?costata* (Müller)	*Vallonia ?excentrica* Sterki	*Acanthinula aculeata* (Müller)	*Punctum pygmaeum* (Draparnaud)	*Discus rotundatus* (Müller)	*Vitrea crystallina* (Müller)	*?Aegopinella* sp.	*?Oxychilus* sp.	*Cecilioides acicula* (Müller)	*Clausilia bidentata* (Ström)	Clausilid	*Trichia ?hispida* (L.)	*?Trichia* sp.	*Cepaeq/Arianta* sp.
1060	4	48	-	Primary fill of pit 1061	15										2					3							vm					
1063	4	43	-	Primary fill of corn drier 1065	5											1											m				1	
1064	4	44	-	Burnt deposit in corn drier 1065	15	2			1	2					2												vm				4	
1066	4	45	-	Fill of grave 1067 (SK5)	60														1	6							vm			6		
1070	4	46	-	Fill of grave 1071 (SK6)	100			1	2		1				1					7			2				vm		1	m		
1072	∞	47	5	Primary fill of ditch terminus 1073	15	1														3							vm				3	
1074	∞	49	5	Primary fill of ditch terminus 1075	15	2							1			1				2							m				2	
1078	∞	50	-	Primary fill of pit 1079	10	s									f								f				vm				1	
1082	∞	51	-	Primary fill of pit 1083	5	1																	1				vm					

CN	P	S	G	Description	V	*Carychium ?tridentatum* (Risso)	*Carychium ?minimum* Müller	Planorbid	Small succineid	*Cochlicopa ?lubrica* (Müller)	*Cochlicopa ?lubricella* (Porro)	*Cochlicopa* sp.	*Truncatellina cylindrica* (Férussac)	*Vertigo pusilla* Müller	*Vertigo pygmaea* (Draparnaud)	*Vertigo ?pygmaea* (Draparnaud)	*P. muscorum/ Lauria cylindracea* (da Costa)	*Lauria cylindracea* (da Costa)	*Vallonia ?costata* (Müller)	*Vallonia ?excentrica* Sterki	*Acanthinula aculeata* (Müller)	*Punctum pygmaeum* (Draparnaud)	*Discus rotundatus* (Müller)	*Vitrea crystallina* (Müller)	*?Aegopinella* sp.	*?Oxychilus* sp.	*Cecilioides acicula* (Müller)	*Clausilia bidentata* (Ström)	Clausilid	*Trichia ?hispida* (L.)	*?Trichia* sp.	*Cepaeq/Arianta* sp.
1084	4	52	26	Primary fill of ditch 1085	3	7					3		2					1	2	24		f	12				s				2	
1086	4	53	3	Primary fill of ditch 1087	30	16				2					4					2			6				vm	1			2	
1091	4	54	-	Primary fill of pit 1092	30																						f					
1093	∞	55	-	Primary fill of pit 1094	25															1							s				1	
1095	4	56	3	Primary fill of ditch 1096	5	25	2				4					1	1		5	26	2		10	2		2	vm		1	2	10	
1103	3	57	6	Primary fill of ditch 1104	10	v m	s				2	f							s	m			16			1	vm	2		s		
1105	3	58	6	Fill of ditch 1106?	5	16							2		2				2	10		2				?2	s		f	7		
1111	3	59	7	Primary fill of ditch 1112	20	s				1						2			1	4	2				2		vm				2	
1113	3	60	6	Primary fill of ditch 1114	30	22								1		1			6	25						2	vm	1		6		
1117	5	61	9	Primary fill of ditch 1118	5																						s			3		

CN	P	S	G	Description	V	*Carychium ?tridentatum* (Risso)	*Carychium ?minimum* Müller	Planorbid	Small succineid	*Cochlicopa ?lubrica* (Müller)	*Cochlicopa ?lubricella* (Porro)	*Cochlicopa* sp.	*Truncatellina cylindrica* (Férussac)	*Vertigo pusilla* Müller	*Vertigo pygmaea* (Draparnaud)	*Vertigo ?pygmaea* (Draparnaud)	*P. muscorum/ Lauria cylindracea* (da Costa)	*Lauria cylindracea* (da Costa)	*Vallonia ?costata* (Müller)	*Vallonia ?excentrica* Sterki	*Acanthinula aculeata* (Müller)	*Punctum pygmaeum* (Draparnaud)	*Discus rotundatus* (Müller)	*Vitrea crystallina* (Müller)	*?Aegopinella* sp.	*?Oxychilus* sp.	*Cecilioides acicula* (Müller)	*Clausilia bidentata* (Ström)	Clausilid	*Trichia ?hispida* (L.)	*?Trichia* sp.	*Cepaeq/Arianta* sp.
1119	4	62	4	Primary fill of ditch 1120	20	2																		1			vm					
1123	3	63	6	Primary fill of ditch 1124	5	2				1								1	1	4				1	1	1	m		1		3	
1125	4	64	28	Primary fill of ditch 1126	20																						m				1	
1129	4	65	-	Fill of pit animal (SK7)	15	1								1									1				m				1	
1131	4	66	12	Primary fill of ditch 1132	10	1													1	4							vm			3	9	
1139	4	67	28	Primary fill of ditch 1140	5															1			1				f				1	
1149	4	68	-	Fill of grave 1150 (SK8)	5															2							s					
1151	4	69	27	Primary fill of ditch 1152	3															2	1						m					
1153	4	70	28	Primary fill of ditch 1154	5										1								3				m					

Table 22. BYP06: Land snails recovered in the washovers (flots) from the sediment samples. Key: CN = context number; P = phase; S = sample number; G = Group number; Description = Context description; V = approximate volume of washover in ml; f = few (up to 3 individuals); s = some (4 to 20); m = many (21 to 50); vm = very many (more than 50); figures give minimum numbers of individuals. Nomenclature and taxonomic order follows Kerney (1999)

CN	P	S	G	Description	V	*Carychium ?tridentatum* (Risso)	*Carychium ?minimum* Müller	Small succineid	*Cochlicopa ?lubrica* (Müller)	*Cochlicopa ?lubricella* (Porro)	*Cochlicopa* sp.	*Vertigo pusilla* Müller	*Vertigo pygmaea* (Draparnaud)	*Vertigo ?pygmaea* (Draparnaud)	*Vertigo* sp.	*Vallonia ?costata* (Müller)	*Vallonia ?excentrica* Sterki	*Acanthinula aculeata* (Müller)	*Punctum pygmaeum* (Draparnaud)	*Discus rotundatus* (Müller)	*Vitrea ?crystallina* (Müller)	*?Aegopinella* sp.	*?Oxychilus* sp.	*Cecilioides acicula* (Müller)	*Clausilia bidentata* (Ström)	Clausilid	*?Helicella itala* (L.)	*Trichia ?hispida* (L.)	*?Trichia* sp.	*Cepaeq/Arianta* sp.
1187	3	72	-	Primary fill of gully 1188	10									1										vm	3					
1191	6	71	17	Primary fill of gully 1193	5	f											12				f			s						
1210	3	76	11	Primary fill of ditch 1211	3		9			1				1			2		f		1			vm				f		
1214	5	77	14	Primary fill of ditch 1215	10												2							vm					4	
1216	5	78	9	Primary fill of ditch 1217	15	1					1										1			vm						
1223	∞	79	-	Fill of post-hole 1222	5																			s					1	
1225	4	80	4	Primary fill of ditch 1224	10									2			1							m					1	
1248	3	87	15	Primary fill of gully terminus 1249	10	2	1									2	6			1				vm				10		
1250	∞	85	-	Primary fill of pit 1251	20			1									2							vm				s		

CN	P	S	G	Description	V	*Carychium ?tridentatum* (Risso)	*Carychium ?minimum* Müller	Small succineid	*Cochlicopa ?lubrica* (Müller)	*Cochlicopa ?lubricella* (Porro)	*Cochlicopa* sp.	*Vertigo pusilla* Müller	*Vertigo pygmaea* (Draparnaud)	*Vertigo ?pygmaea* (Draparnaud)	*Vertigo* sp.	*Vallonia ?costata* (Müller)	*Vallonia ?excentrica* Sterki	*Acanthinula aculeata* (Müller)	*Punctum pygmaeum* (Draparnaud)	*Discus rotundatus* (Müller)	*Vitrea ?crystallina* (Müller)	*?Aegopinella* sp.	*?Oxychilus* sp.	*Cecilioides acicula* (Müller)	*Clausilia bidentata* (Ström)	Clausilid	*?Helicella itala* (L.)	*Trichia ?hispida* (L.)	*?Trichia* sp.	*Cepaeq/Arianta* sp.
1257	∞	88	-	Primary fill of pit 1258	5			1																vm					2	
1271	3	93	6	Primary fill of ditch 1272	10			1												1				m	1				2	
1277	3	94	11	Primary fill of ditch 1278	15	m	?s			2							6				4			vm					s	1
1283	3	97	-	Primary fill of hearth/fire pit 1284	35				1								s							m	2					
1285	3	98	-	Primary fill of post-hole 1286	15								2				9							vm				3		
1287	3	99	-	Primary fill of post-hole 1288	8										2		4		f					m						
1289	∞	100	-	Primary fill of pit 1290	20	2								1			6				1			-					8	
1299	3	101	-	Primary fill of post-hole 1300	15	1								2										vm						
1301	3	103	-	Primary fill of post-hole 1302	5			1																vm						
1305	3	104	-	Primary fill of pit 1306	15	3											3							m					1	
1310	3	106	6	Primary fill of ditch terminus 1311	10	1											3							vm					2	

CN	P	S	G	Description	V	*Carychium ?tridentatum* (Risso)	*Carychium ?minimum* Müller	Small succineid	*Cochlicopa ?lubrica* (Müller)	*Cochlicopa ?lubricella* (Porro)	*Cochlicopa* sp.	*Vertigo pusilla* Müller	*Vertigo pygmaea* (Draparnaud)	*Vertigo ?pygmaea* (Draparnaud)	*Vertigo* sp.	*Vallonia ?costata* (Müller)	*Vallonia ?excentrica* Sterki	*Acanthinula aculeata* (Müller)	*Punctum pygmaeum* (Draparnaud)	*Discus rotundatus* (Müller)	*Vitrea ?crystallina* (Müller)	*?Aegopinella* sp.	*?Oxychilus* sp.	*Cecilioides acicula* (Müller)	*Clausilia bidentata* (Ström)	Clausilid	*?Helicella itala* (L.)	*Trichia ?hispida* (L.)	*?Trichia* sp.	*Cepaeq/Arianta* sp.
1313	4	107	-	Primary fill of post-hole 1314	10	1											4							m				1		
1315	∞	108	-	Primary fill of post-hole 1316	3																			s				1		
1319	3	109	22	Primary fill of gully 1320	5	2											3							m					3	
1327	∞	111	-	Primary fill of post-hole 1328	3																			s						
1329	4	112	18	Primary fill of gully terminus 1330	10																			s						
1335	4	113	1	Primary fill of ditch 1336	8	5											1	1		8				vm	2				2	
1345	6	115	-	Primary fill of pit 1346	5	3						4											1	m			1		3	
1349	6	117	-	Primary fill of pit 1350	30	2		1									f			2			1	vm					2	
1351	6	118	-	Primary fill of pit 1352	10			1																m						
1363	4	120	-	Primary fill of pit 1364	25												f							vm						
1369	4	121	-	Primary fill of post-hole 1370	10	1								1			3							vm						

CN	P	S	G	Description	V	*Carychium ?tridentatum* (Risso)	*Carychium ?minimum* Müller	Small succineid	*Cochlicopa ?lubrica* (Müller)	*Cochlicopa ?lubricella* (Porro)	*Cochlicopa* sp.	*Vertigo pusilla* Müller	*Vertigo pygmaea* (Draparnaud)	*Vertigo ?pygmaea* (Draparnaud)	*Vertigo* sp.	*Vallonia ?costata* (Müller)	*Vallonia ?excentrica* Sterki	*Acanthinula aculeata* (Müller)	*Punctum pygmaeum* (Draparnaud)	*Discus rotundatus* (Müller)	*Vitrea ?crystallina* (Müller)	*?Aegopinella* sp.	*?Oxychilus* sp.	*Cecilioides acicula* (Müller)	*Clausilia bidentata* (Ström)	Clausilid	*?Helicella itala* (L.)	*Trichia ?hispida* (L.)	*?Trichia* sp.	*Cepaeq/Arianta* sp.
1375	∞	124	-	Primary fill of post-hole 1376	10			1																m						
1377	∞	126	-	Primary fill of pit 1378	25												1							vm						
1387	5	128	21	Primary fill of gully 1388	15			1																m					1	
1393	6	130	20	Primary fill of furrow 1386	15									1			1				1			vm				2		
1394	6	129	-	Primary fill of pit 1396	50													1	1		2			vm				1		
1397	∞	131	-	Primary fill of pit 1398	20									1			4							vm						
1407	6	135	19	Primary fill of furrow	10																			m						
1413	2	137	-	Primary fill of grave 1414 (SK10)	10	f					1			1			s							vm					1	
	2	138			10				1								4			1				vm				s		
	2	139			10						1			1			s							vm					s	
	2	140			10									1			4			1				vm					s	
	2	141			15								1				2		5		1			vm					s	
	2	142			5										1									s					1	
	2	143			25	f		1			1		1				4						1	vm				m		
1415	4	136	25	Primary fill of gully 1416	120	2		2	3					8		4	26		1		1			vm				4	12	

CN	P	S	G	Description	V	*Carychium ?tridentatum* (Risso)	*Carychium ?minimum* Müller	Small succineid	*Cochlicopa ?lubrica* (Müller)	*Cochlicopa ?lubricella* (Porro)	*Cochlicopa* sp.	*Vertigo pusilla* Müller	*Vertigo pygmaea* (Draparnaud)	*Vertigo ?pygmaea* (Draparnaud)	*Vertigo* sp.	*Vallonia ?costata* (Müller)	*Vallonia ?excentrica* Sterki	*Acanthinula aculeata* (Müller)	*Punctum pygmaeum* (Draparnaud)	*Discus rotundatus* (Müller)	*Vitrea ?crystallina* (Müller)	*?Aegopinella* sp.	*?Oxychilus* sp.	*Cecilioides acicula* (Müller)	*Clausilia bidentata* (Ström)	Clausilid	*?Helicella itala* (L.)	*Trichia ?hispida* (L.)	*?Trichia* sp.	*Cepaeq/Arianta* sp.
1419	6	144	24	Primary fill of post-hole 1420	5								1				4			2		2			vm					2	
1422	6	149	25	Primary fill of gully 1423	5								1				1			f				1	m					1	
1426	4	145	23	Primary fill of gully 1427	15												2					1			m					3	
1432	∞	146	-	Primary fill of pit 1433	3												1								m						
1446	4	151	-	Secondary fill of corn drier 1436	1000	4				2		1		9		3	27			1	3	5	1		vm	1			17		
1471	4	160	-	Primary fill of corn drier 1458	10							1					3	1		1	1			2	m			1		3	

Table 23. BYP07: Land snails recovered in the washovers (flots) from the sediment samples. Key: CN = context number; P = phase; S = sample number; G = Group number; Description = Context description; V = approximate volume of washover in ml; f = few (up to 3 individuals); s = some (4 to 20); m = many (21 to 50); vm = very many (more than 50); figures give minimum numbers of individuals. Nomenclature and taxonomic order follows Kerney (1999). NB: Ten of the washovers from this intervention gave no mollusc remains – Context 1509, Sample 171; Context 1537 Sample 180; Context 1550, Sample 182; Context 1564, Sample 184; Context 1577, Sample 187; Context 1581, Sample 190; Context 1587, Sample 188; Context 1589, Sample 189; Context 1593, Sample 194 and Context 1595 Sample 196

CN	P	S	G	Description	V	*Carychium ?tridentatum* (Risso)	*Cochlicopa ?lubricella* (Porro)	*Vertigo* sp.	*Vertigo ?pygmaea* (Draparnaud)	*Vallonia ?costata* (Müller)	*Vallonia ?excentrica* Sterki	*Cecilioides acicula* (Müller)	Clausilid	*?Trichia* sp.	Unidentified fragments
1480	4	164	16	Fill of gully 1481	3					1	3	s		1	s
1482	4	165	29	Fill of gully 1483	5	1			1			m			f
1486	6	169	30	Fill of gully 1487	5	1					1	s	1		s
1490	4	168	16	Fill of gully 1491	3			1				s			f
1496	6	167	-	Fill of pit 1497	5			1			5	vm			s
1522	6	174	35	Fill of post-hole 1523	3							s			1
1529	∞	176	-	Fill of pit 1528	5		1					s			f
1531	4	178	4	Fill of ditch 1530	3							s			
1533	3	177	34	Fill of ditch 1532	1							s			f
1568	4	185	4	Fill of ditch 1567	1							f			