

Council for British Archaeology

Research Report 97

Volume 1: Southern Extramural Area 1964-66 Excavations

Part 2: Finds and Discussion

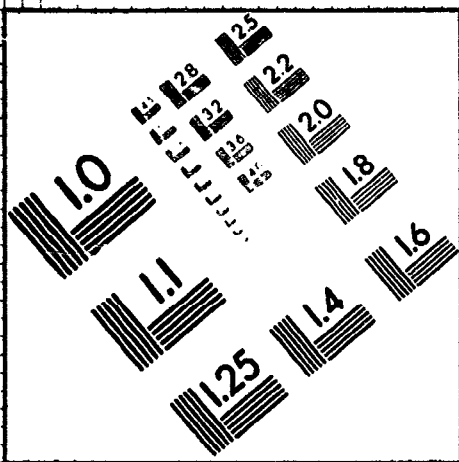
Microfiche

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with contributions by

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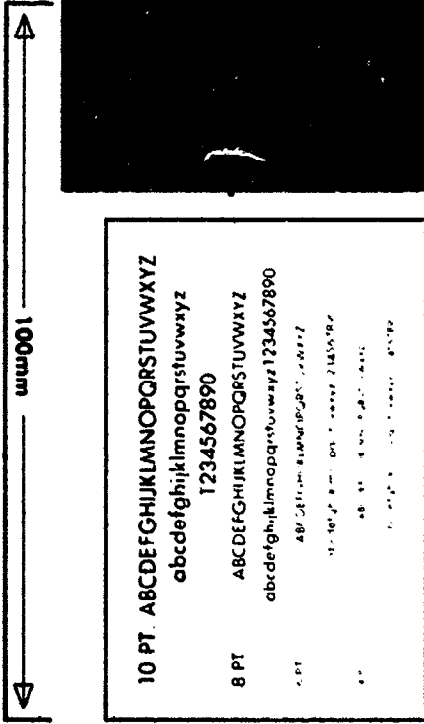
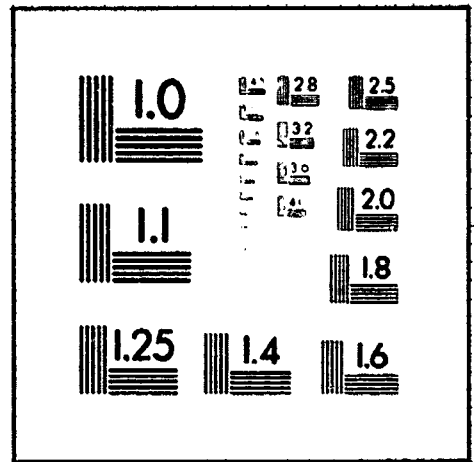
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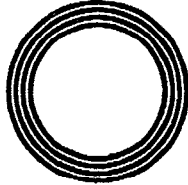
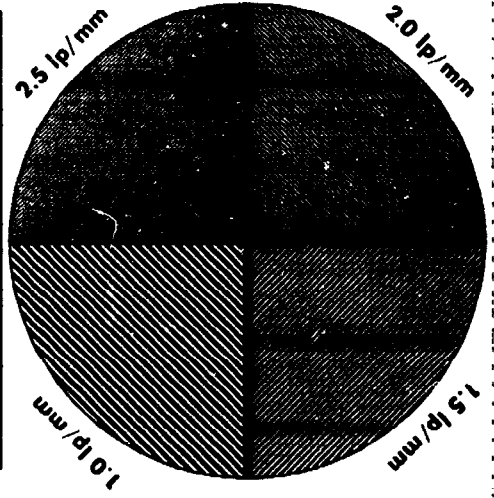
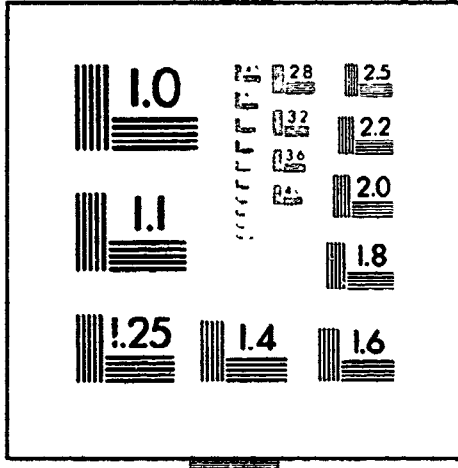


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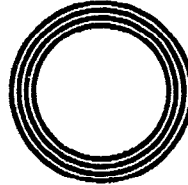
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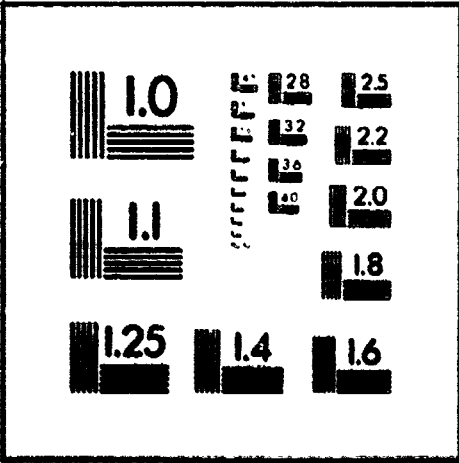
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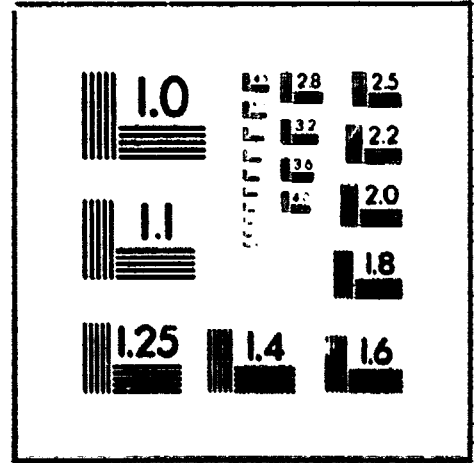
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Romano-British coarse pottery by Frances Lee, Gerda Lindquist, and Jeremy Evans

Table N1 Roman coarse pottery and dates

This database tabulates the pottery illustration no (see figs 1-43) and the pottery type number and the contexts in which this pottery type occurred. This part of the analysis was undertaken by Frances Lee and Gerda Lindquist in the early 1980s and the dating of the site relies on their evaluation. In 1991 Jeremy Evans reassessed the dates of the illustrated pottery and these dates are included in the table.

*indicates fabric revised off site but form and date reliable.

Parentheses () indicate form not reliable for dating.

Site Phase	Trench	Contextno	Illust no	Type	Date of type
A	II	002	R.71	CCC 10	1ST-EARLY 2ND
A	II	004A	R.393	CCC 16	2ND-4TH
A	II	011	R.296	*BC 70	1ST-2ND?
A	II	016	R.235	BC 361	
A	II	023	R.416	BE 57	2ND?
A	II	024	R.474	BC 13	
A	II	078	O.162	DE 18	HADRIANIC-ANTONINE
A	II	078	R.134	BC 22	EARLY 2ND?
A	II	078	R.324	BC 8	1ST?
A	II	078	R.324	BC 8	1ST?
A	II	087	R.474	BC 13	
A	II	091	R.130	BC 45	LATE 1ST-EARLY 2ND
A	II	091	R.162	*BE 7	
A	III	001	O.265	DE 1	2ND-3RD
A	III	001	O.349	DEA 426	2ND-3RD
A	III	003	R.320	BC 116	1ST?
A	III	010	O.349	DE 90	2ND-3RD
A	III	056	O.84	DA 1	1ST-2ND
A	III	057	O.84	DA 1	1ST-2ND
A	III	076	R.238	BC 117	1ST?
A	III	077	R.162	*BE 7	
A	III	099	R.162	*BE 7	
A	III	101	B.49	CB 4	LATE 3RD-MID-4TH
A	IIIA	004	B.49	CB 4	LATE 3RD-MID-4TH
A	IIIA	012	R.324	BC 8	1ST?
A	IV	029	R.46	GB 5	
A	J	004C	R.479	BE 2	
A	VI	001	B.57	CB 14	EARLY-MID-4TH
A	VI	001	R.356	BC 14	2ND
A	VI	003	R.282	*BC 1	1ST-2ND?
A	VI	004	B.65	CB 15	ANTONINE-EARLY 3RD
A	VI	004	O.326	DEA 12	MID 1ST-LATE 2ND
A	VI	004	R.144	BD 1	LATE 1ST-EARLY 2ND
A	VI	004	R.189	BC 392	HADRIANIC-ANTONINE
A	VI	005	O.459	DIA 2	
A	VI	005	R.24	BG 17	1ST-2ND
A	VI	005	R.460	BC 12	
A	VI	005	R.472	BC 11	
A	VI	012	O.409	*DL 1	
A	VI	015	O.456	DEA 6	
A	VII	001	C.52	DF 40	AD 270-400
A	VII	001A	R.231	BC 15	2ND
A	VII	004	B.19	CB 17	HADRIANIC-(ANTONINE)
A	VII	008	R.151	BG 131	LATE 1ST-EARLY 2ND
A	VII	009	C.41	DE 42	
A	VII	009	O.140	DE 5	2ND-3RD
A	VII	009	O.313	DEA 13	1ST-2ND
A	VII	009	O.316	DIA 72	
A	VII	009	R.229	DEA 1	2ND
A	VII	009	R.282	*BC 1	1ST-2ND?

Site Phase	Trench	Contextno	Illust no	Type	Date of type
A	VII	009	R.356	BC 14	2ND
A	VII	009	R.474	BC 13	
A	VII	009	R.475	*BF 14	
A	VII	009A	O.265	DE 1	2ND-3RD
A	VII	009A	O.409	DI 3	
A	VII	009A	G.456	DEA 6	
A	VII	009A	R.280	*BA 4	1ST-2ND?
A	VII	010	R.73	CCC 1	1ST-EARLY 2ND
A	VII	011	O.313	DEA 13	1ST-2ND
A	VII	011	O.456	DEA 6	
A	VII	011	R.205	CT 11	HADRIANIC-ANTONINE
A	VII	012	B.21	CB 1	LATE 3RD-EARLY 4TH
A	VII	012	O.358	DE 2	LATE 3RD-4TH
A	VII	013	O.265	DE 1	2ND-3RD
A	VII	014	B.5	CB 44	HADRIANIC-ANTONINE
A	VII	019	O.136	DEA 14	LATE 3RD-4TH
A	VII	019	O.228	DE 15	
A	VII	019	O.228	DE 16	
A	VII	019	R.190	BD 20	HADRIANIC-ANTONINE
A	VII	019	R.231	BC 15	2ND
A	VII	019	R.475	*BF 14	
A	VIIA	001	B.5	CB 44	HADRIANIC-ANTONINE
A	VIIA	004	B.5	CB 44	HADRIANIC-ANTONINE
A	VIIIB	005	B.38	CB 105	
A	VIIIB	005	B.5	CB 44	HADRIANIC-ANTONINE
A	VIIII	001	O.162	DE 18	HADRIANIC-ANTONINE
A	VIIII	001	O.228	DE 17	
A	VIIII	001	O.34	DEA 352	1ST-2ND
A	VIIII	001	R.143	BC 19	LATE 1ST-EARLY 2ND
A	VIIII	001	R.284	BG 124	1ST-2ND?
A	VIIII	005	O.265	DE 1	2ND-3RD
A	VIIII	009	O.84	DA 1	1ST-2ND
A	VIIII	009	O.85	DA 3	
A	VIIII	009	R.324	BD 2	1ST?
A	VIIII	010	O.409	DE 35	
A	VIIII	010	R.156	BG 133	LATE 1ST-EARLY 2ND
A	VIIII	010	R.163	BG 14	LATE 1ST-EARLY 2ND
A	VIIII	010	R.201	BE 4	HADRIANIC-ANTONINE
A	VIIII	010	R.73	CCC 1	1ST-EARLY 2ND
A	VIIII	010A	O.456	DEA 6	
A	VIIII	010A	R.144	BD 15	LATE 1ST-EARLY 2ND
A	VIIII	010A	R.160	*BC 103	LATE 1ST-EARLY 2ND
A	VIIII	011	R.217	BE 50	2ND
A	VIIII	011	R.324	BD 2	1ST?
A	VIIII	011	R.460	BC 249	
A	VIIII	T/S	O.424	*DE 114	MID-3RD-4TH
A	VIIIIA	003	R.163	*BC 17	LATE 1ST-EARLY 2ND
A	X	002	B.67	CB 23	2ND?
A	X	002	O.234	DIA 85	1ST?
A	X	002	R.143	BC 19	LATE 1ST-EARLY 2ND
A	X	002	R.146	BE 10	LATE 1ST-EARLY 2ND
A	X	002	R.156	*BC 23	LATE 1ST-EARLY 2ND
A	X	004	O.289	DE 38	2ND
A	X	005	CW.3	DM 1	LATE 2ND-3RD
A	X	005	O.355	DIA 23	
A	X	005	R.428	BC 183	2ND?
A	X	006	O.458	DI 73	
A	X	006	O.85	DA 3	
A	X	006	R.125	BC 120	LATE 1ST-EARLY 2ND
A	X	006	R.143	BC 19	LATE 1ST-EARLY 2ND
A	X	007	R.144	*BC 20	LATE 1ST-EARLY 2ND
A	X	007	R.200	*BC 80	HADRIANIC-ANTONINE
A	X	007	R.433	BC 169	

Site Phase	Trench	Contextno	Illust no	Type	Date of type
A	X	009	R.143	BC 19	LATE 1ST-EARLY 2ND
A	X	011	R.412	BC 278	HADRIANIC-ANTONINE
A	X	015	R.219	CT 13	
A	X	016	O.192	DEA 16	HADRIANIC-ANTONINE
A	X	016	O.302	*DA 18	1ST?
A	X	018	O.127	DEA 217	MID-LATE 2ND
A	X	018	R.333	BC 277	LATE 2ND-3RD
A	X	022	O.84	DA 1	1ST-2ND
A	X	026	O.296	DA 97	1ST-2ND
A	X	026	R.259	BC 124	1ST-2ND?
A	X	17	R.366	BC 401	HADRIANIC-ANTONINE
A	XI	001	B.20	CB 80	MID 3RD-EARLY 4TH
A	XI	002	B.67	CB 23	2ND?
A	XI	002	C.77	EL 1	
A	XI	002	C.77	EL 2	
A	XI	002	R.43	GA 14	AD 340 ON
A	XI	002	W.41	EB 63	AD 240-400+
A	XI	003	W.45	ED 24	
A	XI	006	B.67	CB 23	2ND?
A	XI	009	O.80	DE 40	
A	XI	010	B.38	CB 105	
A	XI	012A	O.127	DEA 217	MID-LATE 2ND
A	XI	014	O.143	DE 113	LATE 3RD-4TH
A	XI	014	O.265	DE 1	2ND-3RD
A	XI	014A	O.281	DEA 131	4TH
A	XI	015	B.67	CB 23	2ND?
A	XI	015	C.28	DO 1	C AD 150-250
A	XI	015	O.136	DEA 14	LATE 3RD-4TH
A	XI	015	O.281	DEA 131	4TH
A	XI	019	B.20	CB 80	MID 3RD-EARLY 4TH
A	XI	019	B.67	CB 23	2ND?
A	XI	033	O.351	DE 105	LATE 2ND-LATE 3RD
A	XII	002	B.20	CB 80	MID 3RD-EARLY 4TH
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A	XII	002	B.67	CB 23	2ND?
A	XII	002	O.356	DK 13	
A	XII	002	O.403	DW 34	
A	XII	012	B.57	CB 14	EARLY-MID-4TH
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A	XII	014	B.56	CB 20	EARLY-MID-4TH
A	XII	017	O.281	DEA 131	4TH
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A	XII	017	R.312	BA 43	1ST (-2ND)
A	XII	017	R.52	GC 5	1ST-2ND
A	XII	018	O.71	DE 33	2ND-4TH
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A	XII	018	R.75	CCC 25	HADRIANIC-ANTONINE
A	XII	022	O.152	DI 8	LATE 3RD-4TH
A	XII	022	O.265	DE 1	2ND-3RD
A	XII	022	R.35	*BC 85	1ST-2ND?
A	XII	025	R.56	GC 6	1ST-2ND
A	XIIA	001	B.61	CB 89	ANTONINE-MID 4TH
A	XIIB	T/8	B.61	CB 89	ANTONINE-MID 4TH
A	XIV	002	B.20	CB 80	MID 3RD-EARLY 4TH
A	XIV	002	B.55	CB 205	EARLY-MID-4TH
A	XIV	002	B.56	CB 20	EARLY-MID-4TH
A	XIV	011	R.143	BC 19	LATE 1ST-EARLY 2ND
A	XIV	016	B.4	CB 204	HADRIANIC-ANTONINE

Site Phase	Trench	Contextno	Illust no	Type	Date of type
A	XIV	016	B.5	CB 44	HADRIANIC-ANTONINE
A	XIV	016	R.143	BC 19	LATE 1ST-EARLY 2ND
A	XIV	018	O.119	*DA 14	1ST-3RD
A	XIV	018	R.143	BC 19	LATE 1ST-EARLY 2ND
A	XIV	026	B.56	CB 20	EARLY-MID-4TH
A	XIV	026	B.67	CB 23	2ND?
A	XIV	026	O.265	DE 1	2ND-3RD
A	XIV	026	R.108	GA 23	LATE 3RD ON
A	XIV	026	R.143	BC 19	LATE 1ST-EARLY 2ND
A	XIV	026	R.272	BA 78	1ST-2ND?
A	XIV	029	B.61	CB 89	ANTONINE-MID 4TH
A	XIV	029	O.233	DIA 77	1ST?
A	XIV	029	R.143	BC 19	LATE 1ST-EARLY 2ND
A	XIV	029	R.460	BC 275	
A	XIV	031	O.98	DA 10	1ST-2ND
A	XV	001	O.409	DE 88	
A	XV	001	R.394	BA 55	LATE 1ST-EARLY 2ND
A	XV	005	B.11	CB 47	HADRIANIC-(ANTONINE)
A	XV	005	O.131	DE 86	2ND-3RD
A	XV	007	O.223	FA 14	LATE 1ST-MID 2ND
A	XV	007	R.460	BC 37	
A	XV	009	R.78	CCC 3	1ST-EARLY 2ND
A	XV	011	B.20	CB 80	MID 3RD-EARLY 4TH
A	XV	011	B.20	CB 80	MID 3RD-EARLY 4TH
A	XV	012	B.67	CB 23	2ND?
A	XV	012	R.143	BC 50	LATE 1ST-EARLY 2ND
A	XV	014	R.394	*BC 105	LATE 1ST-EARLY 2ND
A	XV	014	R.69	CCC 12	1ST-2ND
A	XV	015	C.56	DF 13	AD 270-400
A	XVI	001	C.47	DF 46	AD 270-400
A	XVI	001	O.122	DE 302	3RD?
A	XVI	001	O.144	DE 301	LATE 3RD-4TH
A	XVI	001	O.145	DE 311	LATE 3RD-4TH
A	XVI	001	O.153	DIA 45	LATE 3RD-4TH
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A	XVI	001	O.352	DE 307	LATE 2ND-3RD
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A	XVI	001	O.54	DE 304	
A	XVI	001	O.58	DE 306	LATE 1ST-MID 2ND
A	XVI	001	W.13	ED 23	
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A	XVI	006	O.137	DEA 45	MID-LATE 2ND
A	XVI	006	O.142	DE 96	LATE 3RD-4TH
A	XVI	006	O.162	DE 102	HADRIANIC-ANTONINE

Site base	Trench	Contextno	Illust no	Type	Date of type
A	XVI	006	O.197	DE 99	FLAVIAN?
A	XVI	006	O.199	DE 94	FLAVIAN?
A	XVI	006	O.254	DE 120	1ST-2ND
A	XVI	006	O.281	DEA 131	4TH
A	XVI	006	O.414	DW 53	2ND
A	XVI	006	O.61	DE 137	
A	XVI	006	O.84	DA 1	1ST-2ND
A	XVI	006	R.100	CCE 7	2ND ON
A	XVI	006	R.143	BC 19	LATE 1ST-EARLY 2ND
A	XVI	006	R.20	BC 403	2ND?
A	XVI	006	R.241	BC 29	1ST-2ND
A	XVI	006	R.299	BU 6	1ST-2ND?
A	XVI	006	R.311	BA 64	1ST-2ND
A	XVI	006	R.39	CCE 9	1ST-2ND
A	XVI	006	R.399	*BC 32	1ST-2ND
A	XVI	006	R.460	BC 274	
A	XVI	006	R.51	GC 42	1ST-2ND
A	XVI	006	R.52	GC 5	1ST-2ND
A	XVI	006	R.56	GC 6	1ST-2ND
A	XVI	007	C.28	DO 8	C AD 150-250
A	XVI	008	R.299	BU 6	1ST-2ND?
A	XVI	008	R.467	BC 358	1ST-2ND?
A	XVI	009	O.457	DG 3	
A	XVI	009	R.90	CCC 4	ANTONINE
A	XVI	011	B.20	CB 80	MID 3RD-EARLY 4TH
A	XVI	011	B.57	CB 14	EARLY-MID-4TH
A	XVI	011	R.441	BA 54	2ND-3RD?
A	XVI	011	R.441	*BC 119	2ND-3RD?
A	XVI	012	O.309	DEA 148	1ST-2ND
A	XVI	012	O.347	DE 115	3RD
A	XVI	012	R.123	BC 123	LATE 1ST-EARLY 2ND
A	XVI	012	R.348	B* 42	1ST (-2ND)
A	XVI	013	R.154	*BC 42	LATE 1ST-EARLY 2ND
A	XVI	013	R.230	BC 113	2ND
A	XVI	013	R.399	*BC 32	1ST-2ND
A	XVI	014	O.274	DEA 143	2ND-3RD
A	XVI	015	R.100	CCE 7	2ND ON
A	XVI	015	R.113	BA 77	LATE 1ST-EARLY 2ND
A	XVI	015	R.135	BC 39	LATE 1ST-EARLY 2ND
A	XVI	015	R.173	CT 36	HADRIANIC-ANTONINE
A	XVI	015	R.178	BC 111	HADRIANIC-ANTONINE
A	XVI	015	R.253	BG 128	1ST-2ND
A	XVI	015	R.320	BC 116	1ST?
A	XVI	015	R.399	*BC 32	1ST-2ND
A	XVI	015	R.51	GC 42	1ST-2ND
A	XVI	015	W.25	ED 1	EARLY-MID-1ST
A	XVI	016	R.329	BU 4	
A	XVI	017	R.109	GA 4	LATE 3RD ON
A	XVI	017	R.130	BC 88	LATE 1ST-EARLY 2ND
A	XVI	017	R.374	BE 90	HADRIANIC-ANTONINE
A	XVI	017	R.399	*BC 32	1ST-2ND
A	XVI	017	R.51	GC 42	1ST-2ND
A	XVI	017	W.45	ED 2	
A	XVI	017A	B.16	CB 91	2ND
A	XVI	019	R.143	BC 19	LATE 1ST-EARLY 2ND
A	XVI	019	R.56	GC 6	1ST-2ND
A	XVI	026	O.185	DEA 167	NERONIAN-FLAVIAN
A	XVI	029	O.185	DEA 167	NERONIAN-FLAVIAN
A	XVI	033	O.319	DK 39	1ST-2ND
A	XVI	076	O.256	DK 38	
A	XVI	T/8	O.28	DEA 377	FLAVIAN
A	XVI	T/8	R.481	CCC 8	
A	XVII	016	R.143	BC 19	LATE 1ST-EARLY 2ND

Site Phase	French Contextno	Illust no	Type	Date of type
A	XVII 001	B.11	CB 47	HADRIANIC-(ANTONINE)
A	XVII 001	B.21	CB 55	LATE 3RD-EARLY 4TH
A	XVII 001	B.67	CB 23	2ND?
A	XVII 001	O.248	DE 109	
A	XVII 001	O.281	DEA 131	4TH
A	XVII 001	R.299	BU 6	1ST-2ND?
A	XVII 002	O.428	DE 139	1ST-EARLY 2ND
A	XVII 002	O.457	DG 2	
A	XVII 003	R.40	CCE 4	1ST-2ND
A	XVII 005	O.252	DEA 100	1ST
A	XVII T/S	B.16	CB 91	2ND
A	XVII T/S	B.54	CB 84	EARLY-MID-4TH
A	XVII T/S	O.313	DEA 13	1ST-2ND
A	XVII T/S	R.460	BC 273	
A	XVII T/S	R.88	CCC 7	ANTONINE
A	XVIIA 001	B.21	CB 12	LATE 3RD-EARLY 4TH
A	XVIIA 001	B.41	CB 60	ANTONINE
A	XVIIA 001	C.28	DO 5	C AD 150-250
A	XVIIA 001	O.119	*DA 14	1ST-3RD
A	XVIIA 001	O.309	DEA 148	1ST-2ND
A	XVIIA 001	O.421	*DE 42	LATE 1ST-2ND
A	XVIIA 001	R.111	GA 5	LATE 3RD ON
A	XVIIA 001	R.125	BC 120	LATE 1ST-EARLY 2ND
A	XVIIA 002	B.38	CB 105	
A	XVIIA 002	B.48	CB 95	LATE 3RD
A	XVIIA 002	O.132	DE 136	2ND-4TH
A	XVIIA 002	O.143	DE 113	LATE 3RD-4TH
A	XVIIA 002	O.150	DE 154	4TH
A	XVIIA 002	O.274	DEA 143	2ND-3RD
A	XVIIA 002	O.426	*DE 35	FLAVIAN?
A	XVIIA 002	R.100	CCE 7	2ND ON
A	XVIIA 002	R.173	CT 36	HADRIANIC-ANTONINE
A	XVIIA 002	R.37	(GA 12)	2ND-4TH
A	XVIIA 002	R.37	(GA 12)	2ND-4TH
A	XVIIA 002	R.374	BE 90	HADRIANIC-ANTONINE
A	XVIIA 003	B.6	CB 87	LATE 2ND-EARLY 3RD
A	XVIIA 003	B.74	CB 2	LATE 2ND-MID-4TH
A	XVIIA 003	R.133	BC 30	1ST
A	XVIIA 003	R.192	*BC 114	HADRIANIC-ANTONINE
A	XVIIA 003	R.214	BC 77	2ND
A	XVIIA 003	R.479	*BC 78	
A	XVIIA 004	B.3	CB 110	HADRIANIC-ANTONINE
A	XVIIA 004	C.14	DT 2	C AD 80-135
A	XVIIA 004	O.180	DE 111	2ND
A	XVIIA 004	O.207	DE 21	2ND
A	XVIIA 004	R.173	CT 36	HADRIANIC-ANTONINE
A	XVIIA 004	R.374	BE 90	HADRIANIC-ANTONINE
A	XVIIA 005	R.173	BC 52	HADRIANIC-ANTONINE
A	XVIIA 005	R.208	BC 350	
A	XVIIA 005	R.460	CT 33	
A	XVIIA 006	O.286	DW 1	LATE 2ND-3RD
A	XVIIA 006	O.411	DW 93	LATE 1ST-MID-2ND
A	XVIIA 006	R.137	BC 148	LATE 1ST-EARLY 2ND
A	XVIIA 007	B.21	CB 12	LATE 3RD-EARLY 4TH
A	XVIIA 007	O.150	DE 154	4TH
A	XVIIA 007	R.173	CT 36	HADRIANIC-ANTONINE
A	XVIIA 007	R.423	BF 110	
A	XVIIA 008	R.460	BC 253	
A	XVIIA 009	R.460	BC 273	
A	XVIIIB 001	B.65	CB 15	ANTONINE-EARLY 3RD
A	XVIIIB 002	B.20	CB 60	MID 3RD-EARLY 4TH
A	XVIIIB 002	B.50	CB 94	LATE 3RD-MID-4TH
A	XVIIIB 002	B.54	CB 84	EARLY-MID-4TH

Site Phase	Trench	Contextno	Illust no	Type	Date of type	
A	XVIIIB	002	W.16	ED 30	AD 250-400?	
A	XVIIIB	003	R.460	BC 275		
A	XVIIIB	004	B.34	CB 191	HADRIANIC-ANTONINE	
A	XVIIIB	004	B.65	CB 15	ANTONINE-EARLY 3RD	
A	XVIIIB	004	O.117	DA 62		
A	XVIIIB	004	O.265	DE 1	2ND-3RD	
A	XVIIIB	004	O.286	DW 1	LATE 2ND-3RD	
A	XVIIIB	004	O.58	DE 372	LATE 1ST-MID 2ND	
A	XVIIIB	004	O.84	DA 1	1ST-2ND	
A	XVIIIB	005	B.57	CB 14	EARLY-MID-4TH	
A	XVIIIB	005	B.65	CB 15	ANTONINE-EARLY 3RD	
A	XVIIIB	005	O.143	DE 113	LATE 3RD-4TH	
A	XVIIIB	005	O.252	DEA 100	1ST	
A	XVIIIB	005	R.52	GC 5	1ST-2ND	
A	XVIIIB	007	O.61	DI 84		
A	XVIIIB	007	R.125	BC 120	LATE 1ST-EARLY 2ND	
A	XVIIIB	007	R.173	CT 36	HADRIANIC-ANTONINE	
A	XVIIIB	007	R.432	BC 250	LATE 3RD-4TH	
A	XVIIIB	010	R.71	CCC 10	1ST-EARLY 2ND	
A	XVIIIB	011	R.469	BU 3	1AT-2ND?	
A	XVIIIB	014	B.40	CB 134	HADRIANIC-ANTONINE	
A	XVIIIB	014	R.143	BC 109	LATE 1ST-EARLY 2ND	
A	XVIIIB	016	O.158	CH 9		
A	XVIII	002	O.306	DE 117	1ST-2ND	
A	XVIII	002	O.384	DEA 116	2ND?	
A	XVIII	002	R.71	CCC 57	1ST-EARLY 2ND	
A	XVIII	T/S	B.50	CB 94	LATE 3RD-MID-4TH	
A	XVIII	T/S	C.20	*FA 2	LATE 1ST-MID-2ND	
A	XVIII	T/S	O.424	DW 65	MID-3RD-4TH	
A	XVIII	T/S	R.208	BC 350		
A	XVIII	T/S	R.354	BA 50	2ND	
A	XVIII	T/S	R.434	BD 16	2ND-3RD	
A	XVIII	T/S	R.92	CCC 6		
A	XVIIIB	002	CW.17	DM 48	LATE 2ND ON	
A	XXVI	006	R.122	BC 53	LATE 1ST-EARLY 2ND	
AA		003	B.44	CB 43	3RD	
AA		011	B.44	CB 43	3RD	
AA		012	B.44	CB 43	3RD	
AA		025	B.44	CB 43	3RD	
AA		029	B.44	CB 43	3RD	
AA		031	B.44	CB 43	3RD	
AA		033	O.461	DJ 1		
AA		118	O.49	DA 105		
AA		162	R.51	GC 42	1ST-2ND	
AA	AC	008	R.214	BC 77	2ND	
AA	AC	012	R.261	BE 33	1ST-2ND?	
AA	IIA	006	R.114	BA 87	1ST?	
AA	IIA	009	R.176	BC 365	HADRIANIC-ANTONINE	
AA	IIA	014	R.143	BC 83	LATE 1ST-EARLY 2ND	
AA	III	035	R.130	*BK 11	LATE 1ST-EARLY 2ND	
AA	IX	014	R.352	CT 53	1ST-2ND	
AA	IX	025	R.395	BC 63	1ST-2ND?	
AA	IX	033	R.395	BC 63	1ST-2ND?	
AA	V	030	O.313	DEA 54	1ST-2ND	
AA	VI	017	R.460	BC 281		
AA	III	II	102	DEA 71	2ND-3RD	
AA	V	I	45	*BC 92	HADRIANIC-ANTONINE	
AA	VI	I	66	DEA 71	2ND-3RD	
AA	VII	I	14	*BC 92	HADRIANIC-ANTONINE	
AAa		I	001	B.14	CB 75	HADRIANIC-ANTONINE
AAa		I	001	R.254	BC 101	1ST-2ND
AAa		I	001A	B.56	CB 20	EARLY-MID-4TH
AAa		I	002	B.20	CB 81	MID 3RD-EARLY 4TH

Site	Phase	Trench	Contextno	Illust no	Type	Date of type
AA	n	I	002	B.50	CB 94	LATE 3RD-MID-4TH
AA	n	I	002	B.57	CB 14	EARLY-MID-4TH
AA	n	I	002	O.265	DE 1	2ND-3RD
AA	n	I	002	O.358	DE 165	LATE 3RD-4TH
AA	n	I	002	R.100	CCE 7	2ND ON
AA	n	I	002	R.100	CCE 7	2ND ON
AA	n	I	002	R.100	CCE 7	2ND ON
AA	n	I	002	R.123	BC 123	LATE 1ST-EARLY 2ND
AA	n	I	002	R.42	GA 6	3RD-4TH
AA	n	I	003	B.20	CB 81	MID 3RD-EARLY 4TH
AA	n	I	003	B.45	CB 244	3RD
AA	n	I	003	B.65	CB 15	ANTONINE-EARLY 3RD
AA	n	I	003	C.62	DF 20	AD 240-400
AA	n	I	003	CW.15	DM 32	LATE 2ND ON
AA	n	I	003	O.274	DEA 143	2ND-3RD
AA	n	I	003	O.386	DE 129	2ND
AA	n	I	003	R.119	BC 239	LATE 1ST-EARLY 2ND
AA	n	I	003	R.143	BC 19	LATE 1ST-EARLY 2ND
AA	n	I	003	R.150	BE 67	LATE 1ST-EARLY 2ND
AA	n	I	003	R.195	BE 92	HADRIANIC-ANTONINE
AA	n	I	003	R.264	BC 71	1ST-2ND?
AA	n	I	003	R.293	BC 155	1ST-2ND?
AA	n	I	003	R.399	*BC 32	1ST-2ND
AA	n	I	004C	R.324	BC 2	1ST?
AA	n	I	007A	B.11	CB 47	HADRIANIC-(ANTONINE)
AA	n	I	012	B.21	CB 12	LATE 3RD-EARLY 4TH
AA	n	I	012	B.48	CB 95	LATE 3RD
AA	n	I	012	B.49	CB 4	LATE 3RD-MID-4TH
AA	n	I	012	B.6	CB 87	LATE 2ND-EARLY 3RD
AA	n	I	012	B.67	CB 23	2ND?
AA	n	I	012	C.62	DF 20	AD 240-400
AA	n	I	012	O.228	DE 10	
AA	n	I	012	O.265	DE 1	2ND-3RD
AA	n	I	012	O.274	DEA 143	2ND-3RD
AA	n	I	012	O.347	DE 51	3RD
AA	n	I	012	O.398	DE 34	1ST-3RD
AA	n	I	012	O.447	DEA 49	FLAVIAN?
AA	n	I	012	R.109	GA 4	LATE 3RD ON
AA	n	I	012	R.143	BC 19	LATE 1ST-EARLY 2ND
AA	n	I	012	R.169	*BF 8	2ND?
AA	n	I	023	B.14	CB 75	HADRIANIC-ANTONINE
AA	n	I	023	R.143	BC 19	LATE 1ST-EARLY 2ND
AA	n	I	024	R.304	BC 190	2ND
AA	n	I	026	B.23	CB 102	3RD?
AA	n	I	026	B.67	CB 23	2ND?
AA	n	I	026	B.9	CB 69	HADRIANIC-(ANTONINE)
AA	n	I	026	O.286	DW 1	LATE 2ND-3RD
AA	n	I	026	O.326	DEA 48	MID 1ST-LATE 2ND
AA	n	I	026	O.413	DW 11	MID-1ST-MID-2ND
AA	n	I	026	R.130	*BA 24	LATE 1ST-EARLY 2ND
AA	n	I	026	R.130	*BR 11	LATE 1ST-EARLY 2ND
AA	n	I	026	R.143	BC 19	LATE 1ST-EARLY 2ND
AA	n	I	027	B.38	CB 105	
AA	n	I	027	B.50	CB 94	LATE 3RD-MID-4TH
AA	n	I	027	R.143	BC 19	LATE 1ST-EARLY 2ND
AA	n	I	027	R.253	*BC 131	1ST-2ND
AA	n	I	027	R.399	*BC 32	1ST-2ND
AA	n	I	027	R.460	BC 249	
AA	n	I	038	R.129	BC 38	LATE 1ST-EARLY 2ND
AA	n	I	038	R.252	BE 12	1ST-2ND
AA	n	I	038	R.473	BC 138	
AA	n	I	043	O.189	DEA 169	
AA	n	I	043	O.265	DE 1	2ND-3RD

Site Phase	Trench	Contextno	Illust no	Type	Date of type
AAn	I	043	O.413	DW 11	MID-1ST-MID-2ND
AAn	I	043	O.85	DA 3	
AAn	I	043	R.173	BC 52	HADRIANIC-ANTONINE
AAn	I	043	R.175	*BF 25	HADRIANIC-ANTONINE
AAn	I	043	R.178	BC 241	HADRIANIC-ANTONINE
AAn	I	043	R.52	GC 5	1ST-2ND
AAn	I	051	C.9	CI 6	
AAn	I	051	O.265	DE 1	2ND-3RD
AAn	I	051	O.49	DA 6	
AAn	I	051	R.143	BC 50	LATE 1ST-EARLY 2ND
AAn	I	051	R.280	BC 62	1ST-2ND?
AAn	I	065B	R.10	BC 81	
AAn	I	065B	R.120	BC 81	LATE 1ST-EARLY 2ND
AAn	I	074	B.10	CB 24	HADRIANIC-ANTONINE
AAn	I	074	B.14	CB 75	HADRIANIC-ANTONINE
AAn	I	074	B.67	CB 23	2ND?
AAn	I	074	O.162	DE 97	HADRIANIC-ANTONINE
AAn	I	074	O.309	DEA 148	1ST-2ND
AAn	I	074	O.351	DE 105	LATE 2ND-LATE 3RD
AAn	I	074	R.160	*BC 103	LATE 1ST-EARLY 2ND
AAn	I	074	R.230	BC 113	2ND
AAn	I	074	R.356	BC 14	2ND
AAn	I	074	R.375	BO 3	HADRIANIC-ANTONINE
AAn	I	074	R.395	BC 63	1ST-2ND?
AAn	I	074	R.452	BC 406	1ST-2ND
AAn	I	074	R.460	BA 89	
AAn	I	083	O.426	*DE 35	FLAVIAN?
AAn	III	001	B.50	CB 94	LATE 3RD-MID-4TH
AAn	III	001	B.67	CB 23	2ND?
AAn	III	001	O.126	DEA 67	
AAn	III	001	O.345	DEA 104	3RD
AAn	III	001	O.426	*DE 35	FLAVIAN?
AAn	III	001	R.154	*BC 42	LATE 1ST-EARLY 2ND
AAn	III	001	R.269	BG 95	1ST-2ND?
AAn	III	001	R.319	*BF 41	LATE 1ST-MID-2ND
AAn	III	002	B.38	CB 105	
AAn	III	002	B.44	CB 43	3RD
AAn	III	002	B.50	CB 94	LATE 3RD-MID-4TH
AAn	III	002	B.56	CB 20	EARLY-MID-4TH
AAn	III	002	O.265	DZ 1	2ND-3RD
AAn	III	002	R.90	CCC 4	ANTONINE
AAn	III	009	C.34	DH 40	MID 4TH ON
AAn	III	009	C.48	DF 10	AD 300-400
AAn	III	009	CW.13	DM 31	4TH
AAn	III	009	CW.4	DM 46	4TH
AAn	III	009	R.432	BC 250	LATE 3RD-4TH
AAn	III	014	B.9	CB 69	HADRIANIC-(ANTONINE)
AAn	III	016	O.132	DE 136	2ND-4TH
AAn	III	017	B.38	CB 105	
AAn	III	017	B.9	CB 69	HADRIANIC-(ANTONINE)
AAn	III	017	O.223	*DE 99	LATE 1ST-MID 2ND
AAn	III	017	O.244	*DK 5	
AAn	III	017	R.176	*BF 29	HADRIANIC-ANTONINE
AAn	III	021	B.16	CB 91	2ND
AAn	III	021	B.20	CB 80	MID 3RD-EARLY 4TH
AAn	III	021	B.56	CB 20	EARLY-MID-4TH
AAn	III	021	R.144	*BC 20	LATE 1ST-EARLY 2ND
AAn	III	021	R.200	*BC 80	HADRIANIC-ANTONINE
AAn	III	024	O.209	BJ 1	1ST-2ND
AAn	III	028	O.181	DE 180	
AAn	III	028	O.220	FA 10	LATE 1ST-MID 2ND
AAn	III	028	O.334	DIA 44	MID-1ST-LATE 2ND
AAn	III	028	R.233	BC 386	HADRIANIC-ANTONINE

AAAn	III	030	B.20	CB 80	MID 3RD-EARLY 4TH
AAAn	III	030	B.38	CB 105	
AAAn	III	030	B.44	CB 43	3RD
AAAn	III	030	B.67	CB 23	2ND?
AAAn	III	030	O.274	DEA 143	2ND-3RD
AAAn	III	030	O.286	DW 1	LATE 2ND-3RD
AAAn	III	030	O.71	DEA 8	2ND-4TH
AAAn	III	030	R.109	GA 4	LATE 3RD ON
AAAn	III	033A	W.20	EB 3	
AAAn	III	035	B.36	CB 169	HADRIANIC-ANTONINE
AAAn	III	035	B.38	CB 105	
AAAn	III	035B	B.21	CB 12	LATE 3RD-EARLY 4TH
AAAn	III	037	B.26	CB 225	MID-LATE 3RD
AAAn	III	037	B.9	CB 69	HADRIANIC-(ANTONINE)
AAAn	III	037	C.68	DF 34	AD 340-400
AAAn	III	037	O.265	DE 1	?ND-3RD
AAAn	III	038	B.20	CB 80	MID 3RD-EARLY 4TH
AAAn	III	038	B.20	CB 81	MID 3RD-EARLY 4TH
AAAn	III	038	B.67	CB 23	2ND?
AAAn	III	038	O.189	DEA 169	
AAAn	III	038	O.358	DE 165	LATE 3RD-4TH
AAAn	III	038	R.51	GC 42	1ST-2ND
AAAn	III	039	B.24	CB 132	EARLY-MID-4TH
AAAn	III	039	B.39	CB 70	HADRIANIC-ANTONINE
AAAn	III	039	B.9	CB 69	HADRIANIC-(ANTONINE)
AAAn	III	039	O.228	DE 10	
AAAn	III	039	O.274	DEA 143	2ND-3RD
AAAn	III	039	O.286	DW 1	LATE 2ND-3RD
AAAn	III	039	R.416	*BC 160	2ND?
AAAn	III	039	W.2	EB 6	LATE 1ST-EARLY 2ND
AAAn	III	040	B.20	CB 80	MID 3RD-EARLY 4TH
AAAn	III	040	B.44	CB 43	3RD
AAAn	III	040	C.52	*DH 3	AD 270-400
AAAn	III	040	O.265	DE 1	2ND-3RD
AAAn	III	041	O.265	DE 1	2ND-3RD
AAAn	III	041	O.274	DEA 143	2ND-3RD
AAAn	III	044	B.67	CB 23	2ND?
AAAn	III	044	O.164	DEA 79	HADRIANIC-ANTONINE?
AAAn	III	044	O.71	DEA 8	2ND-4TH
AAAn	III	044	R.104	GA 3	LATE 3RD ON
AAAn	III	052	R.181	BC 134	HADRIANIC-ANTONINE
AAAn	III	053	R.217	BE 50	2ND
AAAn	III	053	R.354	*BF 40	2ND
AAAn	III	054	R.277	*BF 52	1ST-2ND?
AAAn	III	059	B.5	CB 44	HADRIANIC-ANTONINE
AAAn	III	094	R.231	BC 15	2ND
AAAn	III	102	B.35	CB 73	HADRIANIC-ANTONINE
AAAn	III	102	O.267	DE 87	4TH
AAAn	III	102	R.151	BG 131	LATE 1ST-EARLY 2ND
AAAn	III	112	R.144	*BC 112	LATE 1ST-EARLY 2ND
AAAn	III	135	O.315	*DE 152	1ST-2ND
AAAn	IIIA	001	O.265	DE 1	2ND-3RD
AAAn	IIIA	002	B.65	CB 15	ANTONINE-EARLY 3RD
AAAn	IIIA	004	O.131	DE 59	2ND-3RD
AAAn	IIIA	004	R.122	BC 53	LATE 1ST-EARLY 2ND
AAAn	IIIA	004	R.425	BA 18	2ND?
AAAn	IIIA	004	R.479	BG 150	
AAAn	IIIA	004	R.481	CCC 8	
AAAn	IIIA	007	B.44	CB 43	3RD
AAAn	IIIA	007	B.46	CB 210	3RD
AAAn	IIIA	007	O.140	DE 5	2ND-3RD
AAAn	IIIA	007	O.69	DA 9	1ST-2ND
AAAn	IIIA	007	R.143	BC 19	LATE 1ST-EARLY 2ND

AAh		IIIA	098	R.143	BC 19	LATE 1ST-EARLY 2ND
AAh		IIIA	101	R.460	BA 89	
AAh	I	I	048	R.352	CT 53	1ST-2ND
AAh	I	I	048	R.431	BC 297	1ST-2ND?
AAh	I	I	048	R.75	CCC 25	HADRIANIC-ANTONINE
AAh	I	I	049	R.18	BC 191	1ST-3RD
AAh	I	III	095	R.249	*BF 38	1ST-EARLY 2ND
AAh	I	III	098	R.249	BC 67	1ST-EARLY 2ND
AAh	I	III	098	R.324	BE 94	1ST?
AAh	I	III	098	R.488	BE 61	
AAh	I	III	099	R.212	BC 57	2ND
AAh	I	III	099	R.252	BE 12	1ST-2ND
AAh	I	III	099	R.297	*BC 47	1ST-2ND?
AAh	I	III	099A	R.399	*BC 32	1ST-2ND
AAh	I	III	099A	R.416	*BC 160	2ND?
AAh	II	I	028	O.274	DEA 143	2ND-3RD
AAh	II	I	057	O.426	*DE 35	FLAVIAN?
AAh	II	I	062	R.134	BC 189	EARLY 2ND?
AAh	II	I	062	R.254	BC 101	1ST-2ND
AAh	II	I	065	O.413	DW 11	MID-1ST-MID-2ND
AAh	II	I	065	O.50	*DE 85	1ST-3RD
AAh	II	I	065	O.54	DE 304	
AAh	II	I	065	O.57	DE 110	
AAh	II	I	065	R.189	BC 98	HADRIANIC-ANTONINE
AAh	II	I	065	R.277	*BF 52	1ST-2ND?
AAh	II	I	065	R.282	*BC 1	1ST-2ND?
AAh	II	I	065	R.337	BN 1	MID-LATE 1ST
AAh	II	I	065	R.391	CCC 2	HADRIANIC-ANTONINE
AAh	II	I	065	R.80	CCC 50	1ST-EARLY 2ND
AAh	II	III	032	B.44	CB 43	3RD
AAh	II	III	032	B.46	CB 210	3RD
AAh	II	III	032	O.252	*CH 2	1ST
AAh	II	III	032	O.418	*CH 4	LATE 1ST-2ND
AAh	II	III	032	R.199	*BC 94	HADRIANIC-ANTONINE
AAh	II	III	032	R.310	CT 12	1ST?
AAh	II	III	032	R.51	GC 42	1ST-2ND
AAh	II	III	032	W.25	*EB 15	EARLY-MID-1ST
AAh	II	III	060	R.211	BC 283	ANTONINE
AAh	II	III	060	R.430	BC 283	HADRIANIC-ANTONINE
AAh	II	III	061	R.143	BC 109	LATE 1ST-EARLY 2ND
AAh	II	III	069	R.298	BR 7	1ST-2ND?
AAh	II	III	073	R.172	BA 17	HADRIANIC-ANTONINE
AAh	II	III	079	O.265	DE 1	2ND-3RD
AAh	II	III	079	W.29	EB 48	1ST
AAh	II	III	083	O.71	DEA 8	2ND-4TH
AAh	II	III	083	O.88	DA 7	1ST-2ND
AAh	II	III	083	R.119	BC 239	LATE 1ST-EARLY 2ND
AAh	II	III	083	R.143	BC 109	LATE 1ST-EARLY 2ND
AAh	II	III	083	R.146	BE 22	LATE 1ST-EARLY 2ND
AAh	II	III	083	R.153	*BF 35	LATE 1ST-EARLY 2ND
AAh	II	IIIA	012	R.130	BC 88	LATE 1ST-EARLY 2ND
AAh	II	IIIA	012	R.135	BC 39	LATE 1ST-EARLY 2ND
AAh	II	IIIA	012	R.166	BR 1	1ST
AAh	II	IIIA	012	R.234	BC 44	1ST-2ND?
AAh	II	IIIA	012	R.239	BC 40	1ST-2ND
AAh	II	IIIA	012	R.297	*BC 47	1ST-2ND?
AAh	III	I	036	B.11	CB 47	HADRIANIC- (ANTONINE)
AAh	III	I	036	B.20	CB 81	MID 3RD-EARLY 4TH
AAh	III	I	036	O.313	DEA 54	1ST-2ND
AAh	III	I	036	R.115	*BK 14	LATE 1ST-EARLY 2ND
AAh	III	I	036	R.117	BC 376	LATE 1ST-EARLY 2ND
AAh	III	I	036	R.143	BC 128	LATE 1ST-EARLY 2ND
AAh	III	I	036	R.143	BC 19	LATE 1ST-EARLY 2ND

AAAn	III	I	036	R.143	*CVI 32	LATE 1ST-EARLY 2ND
AAAn	III	I	036	R.143	BC 343	LATE 1ST-EARLY 2ND
AAAn	III	I	036	R.150	*BC 154	LATE 1ST-EARLY 2ND
AAAn	III	I	036	R.153	*BF 35	LATE 1ST-EARLY 2ND
AAAn	III	I	036	R.228	BBA 25	1ST-2ND
AAAn	III	I	036	R.249	BC 67	1ST-EARLY 2ND
AAAn	III	I	036	R.425	BA 18	2ND?
AAAn	III	III	026	B.46	CB 210	3RD
AAAn	III	III	026	R.221	BA 33	LATE 1ST-EARLY 2ND
AAAn	III	III	026	R.430	*BE 35	HADRIANIC-ANTONINE
AAAn	III	III	027	B.44	CB 43	3RD
AAAn	III	III	027	B.46	CB 210	3RD
AAAn	III	III	027	B.61	CB 89	ANTONINE-MID 4TH
AAAn	III	III	027	B.67	CB 23	2ND?
AAAn	III	III	027	O.265	DE 1	2ND-3RD
AAAn	III	III	027	R.144	*BC 112	LATE 1ST-EARLY 2ND
AAAn	III	III	027	R.152	*BC 33	LATE 1ST-EARLY 2ND
AAAn	III	III	027	R.430	*BE 35	HADRIANIC-ANTONINE
AAAn	III	III	027	R.460	*BA 35	
AAAn	III	III	036	O.274	DEA 143	2ND-3RD
AAAn	III	III	045	O.265	DE 1	2ND-3RD
AAAn	III	III	046	R.122	*BE 76	LATE 1ST-EARLY 2ND
AAAn	III	III	046	R.143	BC 109	LATE 1ST-EARLY 2ND
AAAn	III	III	048	B.17	CB 194	3RD
AAAn	III	III	057	B.5	CB 44	HADRIANIC-ANTONINE
AAAn	III	III	057	R.134	BC 189	EARLY 2ND?
AAAn	III	III	057	R.143	BC 109	LATE 1ST-EARLY 2ND
AAAn	III	III	057	R.153	*BF 35	LATE 1ST-EARLY 2ND
AAAn	III	III	057	R.163	*BC 180	LATE 1ST-EARLY 2ND
AAAn	III	III	057	R.24	BG 30	1ST-2ND
AAAn	III	III	057	R.322	BC 134	1ST-2ND
AAAn	III	III	057	R.454	BC 147	1ST-2ND
AAAn	III	III	058	R.143	BC 109	LATE 1ST-EARLY 2ND
AAAn	III	III	077	B.36	CB 169	HADRIANIC-ANTONINE
AAAn	III	III	077	B.39	CB 70	HADRIANIC-ANTONINE
AAAn	III	III	077	O.228	DE 10	
AAAn	III	III	077	O.71	DEA 8	2ND-4TH
AAAn	III	III	084	O.119	*DA 14	1ST-3RD
AAAn	III	III	084	O.263	DA 51	2ND
AAAn	III	III	084	O.338	DIA 14	MID-1ST-LATE 2ND
AAAn	III	III	084	O.71	DEA 8	2ND-4TH
AAAn	III	III	084	R.196	BE 107	HADRIANIC-ANTONINE?
AAAn	III	III	085	O.265	DE 1	2ND-3RD
AAAn	III	III	089	R.269	BG 95	1ST-2ND?
AAAn	III	IIIA	010	O.390	DEA 411	1ST?
AAAn	III	IIIA	010	R.282	*BC 1	1ST-2ND?
AAAn	III	IIIA	011	B.21	CB 55	LATE 3RD-EARLY 4TH
AAAn	III	IIIA	011	O.152	DI 8	LATE 3RD-4TH
AAAn	III	IIIA	011	R.119	BC 86	LATE 1ST-EARLY 2ND
AAAn	III	IIIA	011	R.123	BC 333	LATE 1ST-EARLY 2ND
AAAn	III	IIIA	011	R.134	BC 35	EARLY 2ND?
AAAn	III	IIIA	011	R.143	BC 19	LATE 1ST-EARLY 2ND
AAAn	III	IIIA	011	R.401	BC 28	1ST-2ND
AAAn	III	IIIA	011	R.460	BC 281	
AAAn	III	IIIA	011	R.90	CCC 4	ANTONINE
AAAn	III	IIIA	013	O.131	DE 86	2ND-3RD
AAAn	III	IIIA	013	O.50	DA 104	1ST-3RD
AAAn	III	IIIA	014	O.140	DE 5	2ND-3RD
AAAn	IV	I	037	R.142	*BA 26	LATE 1ST-EARLY 2ND
AAAn	IV	I	037	R.153	*BF 35	LATE 1ST-EARLY 2ND
AAAn	IV	I	037	R.297	*BC 47	1ST-2ND?
AAAn	IV	I	037	R.35	*BC 85	1ST-2ND?
AAAn	IV	I	037	R.394	*BC 105	LATE 1ST-EARLY 2ND

AA _n	IV	I	040	O.413	DW 11	MID-1ST-MID-2ND
AA _n	IV	I	040	O.426	*DE 35	FLAVIAN?
AA _n	IV	I	040	R.132	*EK 6	1ST
AA _n	IV	I	040	R.156	BG 34	LATE 1ST-EARLY 2ND
AA _n	IV	I	040	R.207	BC 335	
AA _n	IV	I	050	O.272	DEA 248	1ST
AA _n	IV	I	050	O.274	DEA 143	2ND-3RD
AA _n	IV	I	050	R.143	BC 109	LATE 1ST-EARLY 2ND
AA _n	IV	I	050	R.146	BE 22	LATE 1ST-EARLY 2ND
AA _n	IV	I	050	R.394	*BC 105	LATE 1ST-EARLY 2ND
AA _n	IV	I	050	R.410	BC 159	2ND
AA _n	IV	III	019	O.132	DE 136	2ND-4TH
AA _n	IV	III	019	R.113	*BF 48	LATE 1ST-EARLY 2ND
AA _n	IV	III	019	R.125	BC 120	LATE 1ST-EARLY 2ND
AA _n	IV	III	019	R.142	*BA 26	LATE 1ST-EARLY 2ND
AA _n	IV	III	019	R.292	*BF 28	1ST-2ND?
AA _n	IV	III	019	R.390	CCC 56	HADRIANIC-ANTONINE
AA _n	IV	III	020	B.34	CB 191	HADRIANIC-ANTONINE
AA _n	IV	III	020	O.386	DE 129	2ND
AA _n	IV	III	020	R.135	BC 39	LATE 1ST-EARLY 2ND
AA _n	IV	III	020	R.173	BC 52	HADRIANIC-ANTONINE
AA _n	IV	III	020	R.207	BC 335	
AA _n	IV	III	020	R.211	*CB 129	ANTONINE
AA _n	IV	III	020	R.282	*BC 1	1ST-2ND?
AA _n	IV	III	020	R.311	*BC 129	1ST-2ND
AA _n	IV	III	020	R.319	*BF 41	LATE 1ST-MID-2ND
AA _n	IV	III	020	R.34	*CB 52	
AA _n	IV	III	020	R.352	CT 53	1ST-2ND
AA _n	IV	III	020	R.376	BG 54	HADRIANIC-ANTONINE
AA _n	IV	III	020	R.430	BC 283	HADRIANIC-ANTONINE
AA _n	IV	III	029	B.44	CB 43	3RD
AA _n	IV	III	029	B.5	CB 44	HADRIANIC-ANTONINE
AA _n	IV	III	029	O.265	DE 1	2ND-3RD
AA _n	IV	III	029	R.144	*BC 112	LATE 1ST-EARLY 2ND
AA _n	IV	III	029	R.161	*BC 95	LATE 1ST-EARLY 2ND
AA _n	IV	III	029	R.460	BE 27	
AA _n	IV	III	029	R.473	BC 138	
AA _n	IV	III	043	R.119	BC 86	LATE 1ST-EARLY 2ND
AA _n	IV	III	043	R.324	BC 265	1ST?
AA _n	IV	III	043	R.465	BC 265	2ND-4TH
AA _n	IV	III	043	B.5	CB 44	HADRIANIC-ANTONINE
AA _n	IV	III	043	O.132	DE 136	2ND-4TH
AA _n	IV	III	049	O.15	DE 174	2ND
AA _n	IV	III	049	O.163	DEA 50	
AA _n	IV	III	049	R.153	*BF 35	LATE 1ST-EARLY 2ND
AA _n	IV	III	049	R.154	*BC 42	LATE 1ST-EARLY 2ND
AA _n	IV	III	049	R.280	*BA 4	1ST-2ND?
AA _n	IV	III	078	O.265	DE 1	2ND-3RD
AA _n	IV	IIIA	009	R.280	BC 87	1ST-2ND?
AA _n	IV	IIIA	009	R.460	*BF 9	
AA _n	IX	I	011	B.20	CB 80	MID 3RD-EARLY 4TH
AA _n	IX	I	011	B.21	CB 12	LATE 3RD-EARLY 4TH
AA _n	IX	I	011	B.38	CB 105	
AA _n	IX	I	011	B.4	CB 204	HADRIANIC-ANTONINE
AA _n	IX	I	011	B.9	CB 69	HADRIANIC-(ANTONINE)
AA _n	IX	I	011	O.358	DE 165	LATE 3RD-4TH
AA _n	IX	I	011	O.359	DE 101	3RD
AA _n	IX	I	011	R.175	*BF 25	HADRIANIC-ANTONINE
AA _n	IX	I	011	R.222	*BF 15	LATE 1ST-EARLY 2ND
AA _n	IX	I	011	R.272	*BG 1	1ST-2ND?
AA _n	IX	I	011	R.277	BA 51	1ST-2ND?
AA _n	IX	I	011	R.479	BG 148	
AA _n	IX	I	029	B.11	CB 47	HADRIANIC-(ANTONINE)

AAh IX	I	029	O.265	DE 1	2ND-3RD
AAh IX	I	029	O.414	DM 53	2ND
AAh IX	III	003	B.50	CB 94	LATE 3RD-MID-4TH
AAh IX	III	003	B.57	CB 14	EARLY-MID-4TH
AAh IX	III	003	B.67	CB 23	2ND?
AAh IX	III	003	B.9	CB 69	HADRIANIC-(ANTONINE)
AAh IX	III	003	O.265	DE 1	2ND-3RD
AAh IX	III	003	R.143	BC 388	LATE 1ST-EARLY 2ND
AAh IX	III	003	R.156	*BC 23	LATE 1ST-EARLY 2ND
AAh IX	III	003	R.199	*BC 94	HADRIANIC-ANTONINE
AAh IX	III	003	R.237	BC 69	1ST-2ND
AAh IX	III	007	B.50	CB 94	LATE 3RD-MID-4TH
AAh IX	III	007	B.67	CB 23	2ND?
AAh IX	III	007	O.152	DI 8	LATE 3RD-4TH
AAh IX	III	007	O.274	DEA 143	2ND-3RD
AAh IX	III	007	O.49	*DE 106	
AAh IX	III	007	O.61	DE 137	
AAh IX	III	007	R.104	GA 3	LATE 3RD ON
AAh IX	III	007	R.111	GA 5	LATE 3RD ON
AAh IX	III	007	R.111	GA 5	LATE 3RD ON
AAh IX	IIIA	005	B.44	CB 43	3RD
AAh IX	IIIA	005	B.65	CB 15	ANTONINE-EARLY 3RD
AAh IX	IIIA	005	C.4	DRA 24	AD 240-400
AAh IX	IIIA	005	CW.3	DM 1	LATE 2ND-3RD
AAh IX	IIIA	005	R.125	BC 120	LATE 1ST-EARLY 2ND
AAh IX	IIIA	005	R.395	BC 63	1ST-2ND?
AAh V	I	042	R.143	(CB 49)	LATE 1ST-EARLY 2ND
AAh V	I	042	R.207	BC 335	
AAh V	I	044	O.252	*CH 2	1ST
AAh V	I	044	O.262	DA 42	2ND
AAh V	I	044	O.274	DEA 143	2ND-3RD
AAh V	I	044	O.48	DA 52	
AAh V	I	044	R.123	BC 123	LATE 1ST-EARLY 2ND
AAh V	I	044	R.146	BE 22	LATE 1ST-EARLY 2ND
AAh V	I	044	R.156	*BC 23	LATE 1ST-EARLY 2ND
AAh V	I	044	R.313	BA 96	1ST-2ND
AAh V	I	045	R.376	*BC 92	HADRIANIC-ANTONINE
AAh V	I	046	B.38	CB 105	
AAh V	I	046	B.5	CB 44	HADRIANIC-ANTONINE
AAh V	I	046	B.60	CB 221	HADRIANIC-ANTONINE
AAh V	I	046	O.15	DE 174	2ND
AAh V	I	046	R.160	*BC 103	LATE 1ST-EARLY 2ND
AAh V	III	025	B.17	CB 194	3RD
AAh V	III	025	B.20	CB 80	MID 3RD-EARLY 4TH
AAh V	III	025	B.67	CB 23	2ND?
AAh V	III	025	O.136	DEA 14	LATE 3RD-4TH
AAh V	III	025	R.143	*CVI 32	LATE 1ST-EARLY 2ND
AAh V	III	025	R.161	*BC 95	LATE 1ST-EARLY 2ND
AAh V	III	042	O.61	DE 137	
AAh V	III	042	R.35	*BC 85	1ST-2ND?
AAh V	III	050	B.67	CB 23	2ND?
AAh V	III	051	O.265	DE 1	2ND-3RD
AAh V	III	091	R.154	*BC 42	LATE 1ST-EARLY 2ND
AAh V	III	093	O.106	DA 112	2ND (-3RD)
AAh V	III	093	R.280	*BA 4	1ST-2ND?
AAh V	III	096	O.294	DA 5	1ST-2ND
AAh VI	I	013	R.123	BC 123	LATE 1ST-EARLY 2ND
AAh VI	I	013	R.143	BC 19	LATE 1ST-EARLY 2ND
AAh VI	I	017	B.16	CB 91	2ND
AAh VI	I	017	B.36	CB 169	HADRIANIC-ANTONINE
AAh VI	I	017	B.41	CB 60	ANTONINE
AAh VI	I	017	B.5	CB 44	HADRIANIC-ANTONINE
AAh VI	I	017	B.9	CB 69	HADRIANIC-(ANTONINE)

AAh	VI	I	017	C.30	DF 22	AD 270-400
AAh	VI	I	017	CW.20	DW 5	LATE 2ND-EARLY 3RD
AAh	VI	I	017	O.162	DE 65	HADRIANIC-ANTONINE
AAh	VI	I	017	O.265	DE 1	2ND-3RD
AAh	VI	I	017	O.326	DEA 48	MID 1ST-LATE 2ND
AAh	VI	I	017	O.327	DEA 40	MID-1ST-LATE 2ND
AAh	VI	I	017	O.409	DI 15	
AAh	VI	I	017	O.98	DA 10	1ST-2ND
AAh	VI	I	017	R.173	BC 52	HADRIANIC-ANTONINE
AAh	VI	I	017	R.248	BC 65	1ST-2ND?
AAh	VI	I	017A	R.143	BC 19	LATE 1ST-EARLY 2ND
AAh	VI	I	017A	R.73	CCC 1	1ST-EARLY 2ND
AAh	VI	I	017A	R.76	CCC 30	1ST-EARLY 2ND
AAh	VI	I	030	B.32	CB 123	
AAh	VI	I	030	B.40	CB 134	HADRIANIC-ANTONINE
AAh	VI	I	030	B.9	CB 69	HADRIANIC-(ANTONINE)
AAh	VI	I	030	O.265	DE 1	2ND-3RD
AAh	VI	I	030	O.286	DW 1	LATE 2ND-3RD
AAh	VI	I	030	R.123	BC 123	LATE 1ST-EARLY 2ND
AAh	VI	I	030	R.13	BC 379	1ST-2ND
AAh	VI	I	030	R.143	BC 19	LATE 1ST-EARLY 2ND
AAh	VI	I	030	R.207	BC 335	
AAh	VI	I	030	R.425	BA 18	2ND?
AAh	VI	I	030	R.73	CCC 1	1ST-EARLY 2ND
AAh	VI	I	030	R.75	CCC 25	HADRIANIC-ANTONINE
AAh	VI	I	032	O.265	DE 1	2ND-3RD
AAh	VI	I	032	O.85	DA 3	
AAh	VI	I	032	R.195	BE 92	HADRIANIC-ANTONINE
AAh	VI	I	033	O.164	DEA 79	HADRIANIC-ANTONINE?
AAh	VI	I	033	O.314	DI 2	1ST-2ND
AAh	VI	I	033	O.327	DEA 40	MID-1ST-LATE 2ND
AAh	VI	I	033	O.426	*DE 35	FLAVIAN?
AAh	VI	I	033	R.122	BC 53	LATE 1ST-EARLY 2ND
AAh	VI	I	033	R.122	BC 217	LATE 1ST-EARLY 2ND
AAh	VI	I	033	R.123	BC 123	LATE 1ST-EARLY 2ND
AAh	VI	I	033	R.143	BC 19	LATE 1ST-EARLY 2ND
AAh	VI	I	033	R.243	BG 12	1ST-2ND
AAh	VI	I	033	R.475	BC 156	
AAh	VI	I	035	O.165	DEA 20	
AAh	VI	I	035	R.153	*BF 35	LATE 1ST-EARLY 2ND
AAh	VI	I	035	R.419	BB 46	2ND
AAh	VI	I	035	W.26	EB 16	1ST-2ND
AAh	VI	I	066	B.11	CB 47	HADRIANIC-(ANTONINE)
AAh	VI	I	066	B.4	CB 204	HADRIANIC-ANTONINE
AAh	VI	I	066	B.5	CB 44	HADRIANIC-ANTONINE
AAh	VI	I	066	O.258	DE 70	1ST?
AAh	VI	I	066	O.265	DE 1	2ND-3RD
AAh	VI	I	066	O.278	DEA 71	2ND-3RD
AAh	VI	I	066	R.10	BC 81	
AAh	VI	I	066	R.120	BC 81	LATE 1ST-EARLY 2ND
AAh	VI	I	066	R.13	BC 82	1ST-2ND
AAh	VI	I	066	R.143	BC 19	LATE 1ST-EARLY 2ND
AAh	VI	I	066	R.194	BE 64	
AAh	VI	I	066	R.472	BC 11	
AAh	VI	I	070	B.11	CB 47	HADRIANIC-(ANTONINE)
AAh	VI	III	004	B.11	CB 47	HADRIANIC-(ANTONINE)
AAh	VI	III	004	B.38	CB 105	
AAh	VI	III	004	O.180	DE 111	2ND
AAh	VI	III	004	O.265	DE 1	2ND-3RD
AAh	VI	III	004	O.398	DE 34	1ST-3RD
AAh	VI	III	004	R.7	BA 102	1ST-2ND
AAh	VI	III	008	B.14	CB 75	HADRIANIC-ANTONINE
AAh	VI	III	008	B.38	CB 105	

AAn VI	III	008	B.9	CB 69	HADRIANIC-(ANTONINE)
AAn VI	III	008	O.119	DE 41	1ST-3RD
AAn VI	III	008	O.228	DE 10	
AAn VI	III	008	O.265	DE 1	2ND-3RD
AAn VI	III	008	O.274	DEA 143	2ND-3RD
AAn VI	III	008	R.209	BC 49	2ND
AAn VI	III	008	R.237	BC 69	1ST-2ND
AAn VI	III	008	R.280	BC 87	1ST-2ND?
AAn VI	III	008	R.394	*BC 105	LATE 1ST-EARLY 2ND
AAn VI	III	008	R.416	*BC 160	2ND?
AAn VI	III	010	B.16	CB 91	2ND
AAn VI	III	010	B.67	CB 23	2ND?
AAn VI	III	010	B.9	CB 69	HADRIANIC-(ANTONINE)
AAn VI	III	010	O.162	DE 102	HADRIANIC-ANTONINE
AAn VI	III	010	O.165	DEA 20	
AAn VI	III	010	O.207	DE 21	2ND
AAn VI	III	010	O.212	*DE 126	1ST
AAn VI	III	010	O.228	DE 10	
AAn VI	III	010	O.265	DE 1	2ND-3RD
AAn VI	III	010	O.274	DEA 143	2ND-3RD
AAn VI	III	010	O.290	*DE 259	2ND-3RD
AAn VI	III	010	O.358	DE 165	LATE 3RD-4TH
AAn VI	III	010	R.207	BC 335	
AAn VI	III	010	R.209	BC 49	2ND
AAn VI	III	010	R.247	BC 91	1ST-2ND?
AAn VI	III	010	R.416	*BC 160	2ND?
AAn VI	III	013	B.11	CB 47	HADRIANIC-(ANTONINE)
AAn VI	III	013	B.22	CB 35	2ND
AAn VI	III	013	R.154	*BC 42	LATE 1ST-EARLY 2ND
AAn VI	III	013	R.395	BC 314	1ST-2ND?
AAn VI	IIIA	006	O.162	DE 65	HADRIANIC-ANTONINE
AAn VII	I	007	B.67	CB 23	2ND?
AAn VII	I	009	R.143	BC 19	LATE 1ST-EARLY 2ND
AAn VII	I	014	O.327	DEA 40	MID-1ST-LATE 2ND
AAn VII	I	014	R.143	BC 19	LATE 1ST-EARLY 2ND
AAn VII	I	014	R.153	*BF 35	LATE 1ST-EARLY 2ND
AAn VII	I	014	R.173	CT 36	HADRIANIC-ANTONINE
AAn VII	I	014	R.209	BC 49	2ND
AAn VII	I	014	R.210	*BA 66	2ND
AAn VII	I	014	R.232	*BF 18	2ND?
AAn VII	I	014	R.251	BD 11	1ST-2ND
AAn VII	I	014	R.293	BC 155	1ST-2ND?
AAn VII	I	014	R.376	*BC 92	HADRIANIC-ANTONINE
AAn VII	I	015	B.153	*BF 35	LATE 1ST-EARLY 2ND
AAn VII	I	015	R.175	*BF 25	HADRIANIC-ANTONINE
AAn VII	I	015	R.394	*BC 105	LATE 1ST-EARLY 2ND
AAn VII	I	016	B.21	CB 12	LATE 3RD-EARLY 4TH
AAn VII	I	016	B.4	CB 204	HADRIANIC-ANTONINE
AAn VII	I	016	B.67	CB 23	2ND?
AAn VII	I	016	B.9	CB 69	HADRIANIC-(ANTONINE)
AAn VII	I	016	O.265	DE 1	2ND-3RD
AAn VII	I	016	R.113	*BC 118	LATE 1ST-EARLY 2ND
AAn VII	I	016	R.153	*BF 35	LATE 1ST-EARLY 2ND
AAn VII	I	018	B.38	CB 105	
AAn VII	I	018	B.5	CB 44	HADRIANIC-ANTONINE
AAn VII	I	018	B.63	CB 203	ANTONINE
AAn VII	I	018	B.67	CB 23	2ND?
AAn VII	I	018	B.9	CB 69	HADRIANIC-(ANTONINE)
AAn VII	I	018	O.199	DE 94	FLAVIAN?
AAn VII	I	018	O.265	DE 1	2ND-3RD
AAn VII	I	018	O.274	DEA 143	2ND-3RD
AAn VII	I	018	O.286	DW 1	LATE 2ND-3RD
AAn VII	I	018	O.327	DRA 40	MID-1ST-LATE 2ND

AAa	VII	I	018	R.13	*BA 23	1ST-2ND
AAa	VII	I	018	R.143	BC 19	LATE 1ST-EARLY 2ND
AAa	VII	I	018	R.229	BBA 17	2ND
AAa	VII	I	018	R.401	BC 28	1ST-2ND
AAa	VII	I	018	R.460	BC 274	
AAa	VII	I	019	B.14	CB 75	HADRIANIC-ANTONINE
AAa	VII	I	019	B.5	CB 44	HADRIANIC-ANTONINE
AAa	VII	I	019	B.67	CB 23	2ND?
AAa	VII	I	019	O.274	DEA 143	2ND-3RD
AAa	VII	I	019	O.421	*DE 42	LATE 1ST-2ND
AAa	VII	I	019	R.153	*BF 35	LATE 1ST-EARLY 2ND
AAa	VII	I	019	R.264	BC 71	1ST-2ND?
AAa	VII	I	019	R.439	BBA 33	1ST-2ND?
AAa	VII	I	020	C.9	CI 6	
AAa	VII	I	020	O.274	DEA 143	2ND-3RD
AAa	VII	I	020	O.85	DA 3	
AAa	VIII	I	025	B.67	CB 23	2ND?
AAa	VIII	I	025	B.9	CB 69	HADRIANIC-(ANTONINE)
AAa	VIII	I	025	O.426	*DE 35	FLAVIAN?
AAa	VIII	I	025	R.151	BG 131	LATE 1ST-EARLY 2ND
AAa	VIII	I	041	O.274	DEA 143	2ND-3RD
AAa	VIII	I	041	O.301	DE 61	1ST
AAa	VIII	I	041	O.426	*DE 35	FLAVIAN?
AAa	VIII	I	041	R.143	BC 19	LATE 1ST-EARLY 2ND
AAa	VIII	III	011	B.10	CB 24	HADRIANIC-ANTONINE
AAa	VIII	III	011	B.50	CB 94	LATE 3RD-MID-4TH
AAa	VIII	III	011	O.152	DI 8	LATE 3RD-4TH
AAa	VIII	III	101	O.267	DE 87	4TH
AAa	VIII	III	101	O.68	DE 22	1ST-4TH
AAa	VIII	III	101	R.130	BC 88	LATE 1ST-EARLY 2ND
AAa		II	001	B.33	CB 122	HADRIANIC-ANTONINE
AAa		II	001	B.67	CB 23	2ND?
AAa		II	001	B.9	CB 69	HADRIANIC-(ANTONINE)
AAa		II	001	C.46	DF 38	AD 300-400
AAa		II	001	C.59	DF 18	AD 270-350
AAa		II	001	O.274	DEA 143	2ND-3RD
AAa		II	002	B.11	CB 47	HADRIANIC-(ANTONINE)
AAa		II	002	B.38	CB 105	
AAa		II	002	O.146	DE 9	LATE 3RD-4TH
AAa		II	002	O.274	DEA 143	2ND-3RD
AAa		II	002	O.338	DIA 14	MID-1ST-LATE 2ND
AAa		II	002	O.409	DE 25	
AAa		II	002	O.409	DE 88	
AAa		II	002	O.429	DEA 162	1ST
AAa		II	002	R.105	GA 15	LATE 4TH?
AAa		II	002	R.109	GA 4	LATE 3RD ON
AAa		II	002	R.123	BC 123	LATE 1ST-EARLY 2ND
AAa		II	002	R.392	COC 9	
AAa		II	002	R.86		ANTONINE
AAa		II	006	O.61	DE 137	
AAa		II	007	B.44	CB 43	3RD
AAa		II	007	B.60	CB 221	HADRIANIC-ANTONINE
AAa		II	007	R.113	*BF 45	LATE 1ST-EARLY 2ND
AAa		II	007	R.123	BC 123	LATE 1ST-EARLY 2ND
AAa		II	007	R.198	EE 15	
AAa		II	007	W.17	EL 1	2ND
AAa		II	008	B.38	CB 105	
AAa		II	008	B.40	CB 134	HADRIANIC-ANTONINE
AAa		II	008	O.265	DE 1	2ND-3RD
AAa		II	008	O.274	DEA 143	2ND-3RD
AAa		II	008	O.402	DK 35	1ST-2ND
AAa		II	008	R.13	*BA 23	1ST-2ND
AAa		II	008	R.143	BC 19	LATE 1ST-EARLY 2ND

AA5	II	008	R.151	*BC 96	LATE 1ST-EARLY 2ND
AA5	II	008	R.151	BG 131	LATE 1ST-EARLY 2ND
AA5	II	008	R.153	*BF 35	LATE 1ST-EARLY 2ND
AA5	II	008	R.200	*BC 80	HADRIANIC-ANTONINE
AA5	II	008	R.232	*BF 18	2ND?
AA5	II	008	R.339	BB 20	2ND
AA5	II	008	R.34	*BC 216	
AA5	II	008	R.399	*BC 32	1ST-2ND
AA5	II	008	R.438	*BC 46	1ST-2ND?
AA5	II	008	R.94	CCC 14	HADRIANIC-ANTONINE
AA5	II	012	B.67	CB 23	2ND?
AA5	II	012	O.274	DEA 143	2ND-3RD
AA5	II	012	O.345	DEA 104	3RD
AA5	II	012	R.160	*BC 103	LATE 1ST-EARLY 2ND
AA5	II	012	R.261	BE 33	1ST-2ND?
AA5	II	012	R.42	GA 6	3RD-4TH
AA5	IX	020A	R.237	BC 69	1ST-2ND
AA5	II	023	O.126	DEA 67	
AA5	II	023	O.163	DEA 50	
AA5	II	023	R.346	BC 161	1ST (-2ND)
AA5	II	024	B.20	CB 81	MID 3RD-EARLY 4TH
AA5	II	024	B.24	CB 132	EARLY-MID-4TH
AA5	II	024	B.67	CB 23	2ND?
AA5	II	024	O.265	DE 1	2ND-3RD
AA5	II	024	O.60	DE 176	3RD-4TH
AA5	II	024	R.123	BC 123	LATE 1ST-EARLY 2ND
AA5	II	024	R.175	BC 126	HADRIANIC-ANTONINE
AA5	II	024	R.331	BG 119	2ND-3RD
AA5	II	025	C.33	DF 55	
AA5	II	025	O.265	DE 1	2ND-3RD
AA5	II	025	O.345	DEA 104	3RD
AA5	II	025	R.217	BE 50	2ND
AA5	II	042	O.395	DE 25	1ST-2ND
AA5	II	042	R.115	*BK 14	LATE 1ST-EARLY 2ND
AA5	II	042	R.115	*BK 14	LATE 1ST-EARLY 2ND
AA5	II	043	O.265	DE 1	2ND-3RD
AA5	II	046	O.265	DE 1	2ND-3RD
AA5	II	051A	B.21	CB 12	LATE 3RD-EARLY 4TH
AA5	II	051A	B.26	CB 225	MID-LATE 3RD
AA5	II	051A	O.349	DE 90	2ND-3RD
AA5	II	051A	O.59	DE 177	2ND-4TH
AA5	II	051B	B.21	CB 12	LATE 3RD-EARLY 4TH
AA5	II	051B	B.44	CB 43	3RD
AA5	II	051B	B.53	CB 246	3RD
AA5	II	051B	R.41	CG 1	1ST-2ND
AA5	II	057	R.151	*BC 180	LATE 1ST-EARLY 2ND
AA5	II	065B	O.126	DEA 67	
AA5	II	065B	O.167	DE 68	2ND
AA5	II	065B	O.187	DE 68	
AA5	II	065B	R.200	BE 63	HADRIANIC-ANTONINE
AA5	II	074	O.200	DE 146	1ST-2ND
AA5	II	074	R.249	BC 59	1ST-EARLY 2ND
AA5	II	074	R.460	BC 273	
AA5	II	080A	R.331	BG 119	2ND-3RD
AA5	II	084	R.123	BC 123	LATE 1ST-EARLY 2ND
AA5	II	084	R.143	BC 19	LATE 1ST-EARLY 2ND
AA5	II	090	O.265	DE 1	2ND-3RD
AA5	II	090	O.71	DEA 8	2ND-4TH
AA5	II	090	R.233	BC 386	HADRIANIC-ANTONINE
AA5	II	090	R.236	BC 64	1ST-2ND
AA5	II	090	R.242	BG 64	1ST-2ND
AA5	II	090	R.386	CCC 45	HADRIANIC-4TH
AA5	II	090	R.388	*CB 42	3RD-4TH

AA5	II	090	R.423	BF 110	
AA5	II	097	C.75	DEA 19	
AA5	II	097	O.400	DEA 385	
AA5	II	097	R.143	BC 393	LATE 1ST-EARLY 2ND
AA5	II	097	R.150	BE 14	LATE 1ST-EARLY 2ND
AA5	II	097	R.173	CT 48	HADRIANIC-ANTONINE
AA5	II	097	R.269	BG 95	1ST-2ND?
AA5	II	097	R.352	CT 53	1ST-2ND
AA5	II	097PS	R.175	BC 385	HADRIANIC-ANTONINE
AA5	II	117	O.48	DA 102	
AA5	II	117	R.97	CCE 3	HADRIANIC-ANTONINE
AA5	II	119	O.228	DE 17	
AA5	II	119	O.265	DE 1	2ND-3RD
AA5	II	119	R.129	BC 38	LATE 1ST-EARLY 2ND
AA5	II	119	R.156	BG 33	LATE 1ST-EARLY 2ND
AA5	II	119	R.399	*BC 32	1ST-2ND
AA5	II	127	B.10	CB 24	HADRIANIC-ANTONINE
AA5	II	128	R.130	BC 372	LATE 1ST-EARLY 2ND
AA5	II	128	R.460	BC 249	
AA5	II	PIT F	R.185	BC 370	HADRIANIC-ANTONINE
AA5 I	II	082	R.132	BC 384	1ST
AA5 I	II	082	R.152	*BC 33	LATE 1ST-EARLY 2ND
AA5 I	II	082	R.204	*CB 3	HADRIANIC-ANTONINE
AA5 I	II	094	R.357	BA 7	HADRIANIC-ANTONINE
AA5 I	II	094	R.449	BC 55	1ST-2ND?
AA5 I	II	100	B.39	CB 70	HADRIANIC-ANTONINE
AA5 I	II	100	O.459	DIA 2	
AA5 I	II	100	R.122	BC 53	LATE 1ST-EARLY 2ND
AA5 I	II	100	R.130	BC 398	LATE 1ST-EARLY 2ND
AA5 I	II	100	R.143	BC 19	LATE 1ST-EARLY 2ND
AA5 I	II	100	R.146	BE 10	LATE 1ST-EARLY 2ND
AA5 I	II	100	R.151	BG 98	LATE 1ST-EARLY 2ND
AA5 I	II	100	R.161	BG 7	LATE 1ST-EARLY 2ND
AA5 I	II	100	R.161	*BC 95	LATE 1ST-EARLY 2ND
AA5 I	II	100	R.189	BC 98	HADRIANIC-ANTONINE
AA5 I	II	100	R.199	BE 62	HADRIANIC-ANTONINE
AA5 I	II	100	R.216	BE 29	2ND
AA5 I	II	100	R.273	BA 5	1ST-2ND?
AA5 I	II	100	R.282	*BC 1	1ST-2ND?
AA5 I	II	100	R.356	BC 97	2ND
AA5 I	II	100	R.479	BE 28	
AA5 I	II	101	O.104	DA 89	2ND (-3RD)
AA5 I	II	101	O.265	DE 1	2ND-3RD
AA5 I	II	101	R.340	BB 7	
AA5 II	II	078	B.10	CB 24	HADRIANIC-ANTONINE
AA5 II	II	078	B.11	CB 47	HADRIANIC- (ANTONINE)
AA5 II	II	078	B.34	CB 48	HADRIANIC-ANTONINE
AA5 II	II	078	B.67	CB 23	2ND?
AA5 II	II	078	C.37	DH 5	MID 4TH ON
AA5 II	II	078	O.140	DE 5	2ND-3RD
AA5 II	II	078	O.167	DEA 72	2ND
AA5 II	II	078	O.189	DEA 53	
AA5 II	II	078	O.228	DI 9	
AA5 II	II	078	O.23	DE 74	LATE 1ST-EARLY 2ND
AA5 II	II	078	O.265	DE 1	2ND-3RD
AA5 II	II	078	O.313	DEA 54	1ST-2ND
AA5 II	II	078	O.392	DEA 382	1ST?
AA5 II	II	078	O.409	DE 30	
AA5 II	II	078	O.432	DEA 75	FLAVIAN?
AA5 II	II	078	O.447	DE 31	FLAVIAN?
AA5 II	II	078	O.85	DA 3	
AA5 II	II	078	R.122	BC 53	LATE 1ST-EARLY 2ND
AA5 II	II	078	R.123	BC 333	LATE 1ST-EARLY 2ND

AA5	II	II	078	R.129	BC 38	LATE 1ST-EARLY 2ND
AA5	II	II	078	R.143	BC 50	LATE 1ST-EARLY 2ND
AA5	II	II	078	R.143	BC 343	LATE 1ST-EARLY 2ND
AA5	II	II	078	R.146	BE 22	LATE 1ST-EARLY 2ND
AA5	II	II	078	R.151	BG 131	LATE 1ST-EARLY 2ND
AA5	II	II	078	R.19	BC 89	2ND?
AA5	II	II	078	R.190	*BC 16	HADRIANIC-ANTONINE
AA5	II	II	078	R.205	CT 21	HADRIANIC-ANTONINE
AA5	II	II	078	R.206	CT 39	HADRIANIC-ANTONINE
AA5	II	II	078	R.212	BC 57	2ND
AA5	II	II	078	R.269	BG 95	1ST-2ND?
AA5	II	II	078	R.282	*BC 1	1ST-2ND?
AA5	II	II	078	R.284	*BC 18	1ST-2ND?
AA5	II	II	078	R.297	*BC 47	1ST-2ND?
AA5	II	II	078	R.3	BE 102	LATE 1ST-EARLY 2ND
AA5	II	II	078	R.31	*BC 34	1ST-2ND
AA5	II	II	078	R.324	BE 23	1ST?
AA5	II	II	078	R.388	*CB 42	3RD-4TH
AA5	II	II	078	R.395	BC 63	1ST-2ND?
AA5	II	II	078	R.411	BC 74	2ND
AA5	II	II	078	R.414	BE 59	2ND?
AA5	II	II	078	R.419	BG 50	2ND
AA5	II	II	078	R.460	BC 274	
AA5	II	II	078	R.460	BC 279	
AA5	II	II	079	O.265	DE 1	2ND-3RD
AA5	II	II	079	R.151	BG 131	LATE 1ST-EARLY 2ND
AA5	II	II	079	R.236	BC 64	1ST-2ND
AA5	II	II	079	R.242	BG 31	1ST-2ND
AA5	II	II	079	R.324	BC 2	1ST?
AA5	II	II	079	R.388	*CB 42	3RD-4TH
AA5	II	II	079	R.445	CT 29	1ST-2ND?
AA5	II	II	083	R.214	BC 77	2ND
AA5	II	II	083	R.270	BK 8	1ST-2ND?
AA5	II	II	083	R.420	BG 171	2ND
AA5	II	II	083	R.479	BE 54	
AA5	II	II	091	O.188	DE 84	1ST-2ND?
AA5	II	II	091	O.23	DE 56	LATE 1ST-EARLY 2ND
AA5	II	II	091	O.265	DE 1	2ND-3RD
AA5	II	II	091	O.320	DEA 37	1ST-2ND
AA5	II	II	091	O.400	DEA 58	
AA5	II	II	091	O.409	DE 57	
AA5	II	II	091	R.143	BC 19	LATE 1ST-EARLY 2ND
AA5	II	II	091	R.143	BC 50	LATE 1ST-EARLY 2ND
AA5	II	II	091	R.171	BA 14	HADRIANIC-ANTONINE
AA5	II	II	091	R.172	BA 17	HADRIANIC-ANTONINE
AA5	II	II	091	R.172	BA 17	HADRIANIC-ANTONINE
AA5	II	II	091	R.173	CT 48	HADRIANIC-ANTONINE
AA5	II	II	091	R.173	CT 52	HADRIANIC-ANTONINE
AA5	II	II	091	R.189	BC 98	HADRIANIC-ANTONINE
AA5	II	II	091	R.249	BC 59	1ST-EARLY 2ND
AA5	II	II	091	R.249	BE 25	1ST-EARLY 2ND
AA5	II	II	091	R.280	BC 62	1ST-2ND?
AA5	II	II	091	R.281	BE 105	1ST-2ND?
AA5	II	II	091	R.284	*BC 18	1ST-2ND?
AA5	II	II	091	R.285	BG 16	1ST-2ND?
AA5	II	II	091	R.324	BC 2	1ST?
AA5	II	II	091	R.34	BG 52	
AA5	II	II	091	R.375	BE 16	HADRIANIC-ANTONINE
AA5	II	II	091	R.395	BC 63	1ST-2ND?
AA5	II	II	091	R.400	BG 24	1ST-2ND
AA5	II	II	091	R.417	BE 24	2ND
AA5	II	II	091	R.419	BG 50	2ND
AA5	II	II	091	R.460	BC 279	

AAa	IX	II	091	R.479	BE 55
AAa	IX	II	098	R.347	BG 125 1ST (-2ND)
AAa	IX	II	013	B.9	CB 69 HADRIANIC-(ANTONINE)
AAa	IX	II	013	O.132	DE 136 2ND-4TH
AAa	IX	II	013	O.265	DE 1 2ND-3RD
AAa	IX	II	013	O.359	DE 101 3RD
AAa	IX	II	013	R.42	GA 6 3RD-4TH
AAa	IX	II	020	R.249	BC 59 1ST-EARLY 2ND
AAa	IX	II	026	B.75	CB 262 HADRIANIC ON
AAa	IX	II	026	O.265	DE 1 2ND-3RD
AAa	IX	II	026	R.123	BC 123 LATE 1ST-EARLY 2ND
AAa	IX	II	031	R.170	*BC 141 HADRIANIC-ANTONINE
AAa	IX	II	041	W.48	EB 54
AAa	IX	II	056	B.40	CB 134 HADRIANIC-ANTONINE
AAa	IX	II	056	R.416	*BC 160 2ND?
AAa	IX	II	056	R.88	CCC 7 ANTONINE
AAa	IX	II	065	O.265	DE 1 2ND-3RD
AAa	IX	II	065	R.123	BC 123 LATE 1ST-EARLY 2ND
AAa	IX	II	065	R.411	BC 74 2ND
AAa	IX	II	067	R.119	BC 86 LATE 1ST-EARLY 2ND
AAa	IX	II	085	R.15	BC 405
AAa	IX	II	085	W.42	ED 33
AAa	IX	II	085	W.49	EB 9 NERONIAN-FLAVIAN
AAa	IX	II	086	R.173	BC 52 HADRIANIC-ANTONINE
AAa	IX	II	087	B.11	CB 47 HADRIANIC-(ANTONINE)
AAa	IX	II	087	B.21	CB 55 LATE 3RD-EARLY 4TH
AAa	IX	II	087	B.21	CB 55 LATE 3RD-EARLY 4TH
AAa	IX	II	087	B.5	CB 44 HADRIANIC-ANTONINE
AAa	IX	II	087	B.74	CB 2 LATE 2ND-MID-4TH
AAa	IX	II	087	C.20	DT 20 LATE 1ST-MID-2ND
AAa	IX	II	087	O.286	DW 1 LATE 2ND-3RD
AAa	IX	II	087	O.68	DE 22 1ST-4TH
AAa	IX	II	087	R.150	BE 14 LATE 1ST-EARLY 2ND
AAa	IX	II	087	R.173	BC 52 HADRIANIC-ANTONINE
AAa	IX	II	087	R.175	BC 395 HADRIANIC-ANTONINE
AAa	IX	II	087	R.177	BC 373 HADRIANIC-ANTONINE?
AAa	IX	II	087	R.190	BD 23 HADRIANIC-ANTONINE
AAa	IX	II	087	R.208	BC 350
AAa	IX	II	087	R.460	BC 273
AAa	IX	II	087	R.78	CCC 3 1ST-EARLY 2ND
AAa	IX	II	087	W.2	EB 6 LATE 1ST-EARLY 2ND
AAa	IX	II	088	O.6	DE 83 MID-2ND-MID-3RD
AAa	IX	II	089	O.163	DEA 50
AAa	IX	II	089	R.122	BC 53 LATE 1ST-EARLY 2ND
AAa	IX	II	089	R.151	BG 131 LATE 1ST-EARLY 2ND
AAa	IX	II	089	R.173	CT 52 HADRIANIC-ANTONINE
AAa	IX	II	089	R.249	BC 54 1ST-EARLY 2ND
AAa	IX	II	096	R.417	BE 24 2ND
AAa	IX	II	102	O.236	DI 71 1ST-2ND
AAa	IX	II	102	O.278	DEA 71 2ND-3RD
AAa	IX	II	102	O.313	DEA 13 1ST-2ND
AAa	IX	II	102	O.430	DEA 39 ⁹ 1ST
AAa	IX	II	102	R.10	BC 81
AAa	IX	II	102	R.120	BC 81 LATE 1ST-EARLY 2ND
AAa	IX	II	102	R.150	BE 14 LATE 1ST-EARLY 2ND
AAa	IX	II	102	R.156	BG 32 LATE 1ST-EARLY 2ND
AAa	IX	II	102	R.173	CT 48 HADRIANIC-ANTONINE
AAa	IX	II	102	R.173	CT 52 HADRIANIC-ANTONINE
AAa	IX	II	102	R.195	BE 92 HADRIANIC-ANTONINE
AAa	IX	II	102	R.247	BC 91 1ST-2ND?
AAa	IX	II	102	R.331	BG 119 2ND-3RD
AAa	IX	II	102	R.460	*EF 9
AAa	IX	II	102	R.479	BG 146

AAs	III	II	103	R.331	BG 119	2ND-3RD
AAs	III	II	106	O.236	DI 71	1ST-2ND
AAs	III	II	106	O.265	DE 1	2ND-3RD
AAs	III	II	106	0 452	DEA 405	2ND
AAs	III	II	106	O.68	DEA 82	1ST-4TH
AAs	III	II	106	R.143	BC 19	LATE 1ST-EARLY 2ND
AAs	III	II	106	R.460	BC 37	
AAs	III	II	.06	R.488	*BC 66	
AAs	III	II	109	B.12	CB 71	EARLY 3RD
AAs	III	II	109	B.39	CB 70	HADRIANIC-ANTONINE
AAs	III	II	109	O.265	DE 1	2ND-3RD
AAs	III	II	109	R.247	BA 108	1ST-2ND?
AAs	III	II	112	R.143	BC 19	LATE 1ST-EARLY 2ND
AAs	III	II	112	R.143	*CVI 32	LATE 1ST-EARLY 2ND
AAs	III	II	112	R.247	BC 91	1ST-2ND?
AAs	III	II	120	R.153	BG 29	LATE 1ST-EARLY 2ND
AAs	III	II	120	R.161	*BC 95	LATE 1ST-EARLY 2ND
AAs	IX	II	008A	B.11	CB 47	HADRIANIC-(ANTONINE)
AAs	IX	II	008A	B.36	CB 169	HADRIANIC-ANTONINE
AAs	IX	II	008A	B.44	CB 43	3RD
AAs	IX	II	008A	O.207	DZ 21	2ND
AAs	IX	II	008A	O.274	DEA 143	2ND-3RD
AAs	IX	II	008A	O.286	DW 1	LATE 2ND-3RD
AAs	IX	II	008A	O.313	DEA 13	1ST-2ND
AAs	IX	II	008A	O.418	DW 70	LATE 1ST-2ND
AAs	IX	II	008A	O.6	DE 83	MID-2ND-MID-3RD
AAs	IX	II	008A	R.14	BC 104	
AAs	IX	II	008A	R.143	BC 19	LATE 1ST-EARLY 2ND
AAs	IX	II	008A	R.156	BG 32	LATE 1ST-EARLY 2ND
AAs	IX	II	008A	R.361	BC 408	HADRIANIC-ANTONINE
AAs	V	II	005A	R.197	BE 51	HADRIANIC-ANTONINE
AAs	V	II	005A	R.199	*BC 94	HADRIANIC-ANTONINE
AAs	V	II	016	O.192	DIA 16	HADRIANIC-ANTONINE
AAs	V	II	016	O.50	*DE 85	1ST-3RD
AAs	V	II	027	R.117	BC 376	LATE 1ST-EARLY 2ND
AAs	V	II	027	R.228	*BF 56	1ST-2ND
AAs	V	II	028	B.61	CB 89	ANTONINE-MID 4TH
AAs	V	II	028	B.74	CB 2	LATE 2ND-MID-4TH
AAs	V	II	028	O.131	DE 38	2ND-3RD
AAs	V	II	028	O.300	DE 234	1ST-2ND
AAs	V	II	028	R.204	*CB 3	HADRIANIC-ANTONINE
AAs	V	II	028	R.205	CT 11	HADRIANIC-ANTONINE
AAs	V	II	029	O.143	DE 113	LATE 3RD-4TH
AAs	V	II	029	R.83	CCC 47	1ST-EARLY 2ND
AAs	V	II	049	O.126	DEA 67	
AAs	V	II	049	O.265	DE 1	2ND-3RD
AAs	V	II	049	O.345	DEA 104	3RD
AAs	V	II	049	R.120	*BK 23	LATE 1ST-EARLY 2ND
AAs	V	II	049	R.123	BC 123	LATE 1ST-EARLY 2ND
AAs	V	II	049	R.130	*BA 24	LATE 1ST-EARLY 2ND
AAs	V	II	049	R.90	CCC 4	ANTONINE
AAs	V	II	073	B.5	CB 44	HADRIANIC-ANTONINE
AAs	V	II	073	B.8	CB 255	HADRIANIC-ANTONINE
AAs	V	II	073	R.346	BC 161	1ST (-2ND)
AAs	V+	II	019	R.23	BG 137	1ST-2ND
AAs	V+	II	019	R.247	BC 91	1ST-2ND?
AAs	V+	II	019	R.279	BBA 55	1ST-2ND?
AAs	V-IX	II	009	B.11	CB 47	HADRIANIC-(ANTONINE)
AAs	V-IX	II	009	B.16	CB 91	2ND
AAs	V-IX	II	009	B.38	CB 105	
AAs	V-IX	II	009	B.4	CB 204	HADRIANIC-ANTONINE
AAs	VI	II	030	B.67	CB 23	2ND?
AAs	VI	II	030	O.347	DE 51	3RD

AAs	VI	II	045	B.67	CB 23	2ND?
AAs	VI	II	045	C.54	DF 36	AD 270-400
AAs	VI	II	045	CW.6	DM 19	4TH
AAs	VI	II	050	CW.8	DM 22	4TH
AAs	VI	II	050	O.398	DE 34	1ST-3RD
AAs	VI	II	051	B.61	CB 89	ANTONINE-MID 4TH
AAs	VI	II	051	B.67	CB 23	2ND?
AAs	VI	II	051	O.429	DEA 162	1ST
AAs	VI	II	061	O.55	DE 242	
AAs	VI	II	069	R.282	*BC 1	1ST-2ND?
AAs	VI	II	077	O.59	DE 177	2ND-4TH
AAs	VI	II	110	B.25	CB 253	MID-3RD
AAs	VI	II	110	B.41	CB 60	ANTONINE
AAs	VI	II	110	R.455	*BA 8	1ST-2ND
AC			004	O.228	DE 7	
An		IX	001	C.28	DO 2	C AD 150-250
An		IX	001	CW.3	DM 43	LATE 2ND-3RD
An		IX	001	R.162	*BE 7	
An		IX	001A	B.10	CB 24	HADRIANIC-ANTONINE
An		IX	001A	B.19	CB 17	HADRIANIC- (ANTONINE)
An		IX	001A	B.21	CB 1	LATE 3RD-EARLY 4TH
An		IX	001A	B.34	CB 5	HADRIANIC-ANTONINE
An		IX	001A	B.56	CB 20	EARLY-MID-4TH
An		IX	001A	B.67	CB 23	2ND?
An		IX	001A	C.37	DHA 1	MID 4TH ON
An		IX	001A	C.41	DTA 11	
An		IX	001A	C.41	DF 5	
An		IX	001A	C.50	DF 6	AD 340-400
An		IX	001A	CW.3	DM 1	LATE 2ND-3RD
An		IX	001A	O.1	DA 63	NERONIAN-FLAVIAN
An		IX	001A	O.111	DA 80	
An		IX	001A	O.140	DE 5	2ND-3RD
An		IX	001A	O.162	DEA 21	HADRIANIC-ANTONINE
An		IX	001A	O.165	DEA 20	
An		IX	001A	O.265	DE 1	2ND-3RD
An		IX	001A	O.313	DEA 13	1ST-2ND
An		IX	001A	O.316	*BA 3	
An		IX	001A	O.403	DE 23	
An		IX	001A	O.409	DE 25	
An		IX	001A	O.409	DEA 24	
An		IX	001A	O.454	DEA 26	
An		IX	001A	O.68	DE 22	1ST-4TH
An		IX	001A	R.112	GA 1	4TH
An		IX	001A	R.119	BC 377	LATE 1ST-EARLY 2ND
An		IX	001A	R.134	BC 22	EARLY 2ND?
An		IX	001A	R.143	BC 19	LATE 1ST-EARLY 2ND
An		IX	001A	R.143	BC 19	LATE 1ST-EARLY 2ND
An		IX	001A	R.143	BC 378	LATE 1ST-EARLY 2ND
An		IX	001A	R.156	*BC 23	LATE 1ST-EARLY 2ND
An		IX	001A	R.162	*BE 7	
An		IX	001A	R.163	*BC 17	LATE 1ST-EARLY 2ND
An		IX	001A	R.163	*BA 2	LATE 1ST-EARLY 2ND
An		IX	001A	R.169	BA 61	2ND?
An		IX	001A	R.22	BE 53	1ST-2ND
An		IX	001A	R.239	BC 261	1ST-2ND
An		IX	001A	R.272	BA 76	1ST-2ND?
An		IX	001A	R.273	BA 5	1ST-2ND?
An		IX	001A	R.284	*BC 18	1ST-2ND?
An		IX	001A	R.324	BC 8	1ST?
An		IX	001A	R.324	BC 265	1ST?
An		IX	001A	R.339	*BA 6	2ND
An		IX	001A	R.357	BA 7	HADRIANIC-ANTONINE
An		IX	001A	R.391	CCC 2	HADRIANIC-ANTONINE

An	IX	001A	R.422	CT 2	1ST-2ND
An	IX	001A	R.460	BA 79	
An	IX	001A	R.460	BG 120	
An	IX	001A	R.465	BC 265	2ND-4TH
An	IX	001A	R.472	BC 24	
An	IX	001A	R.475	BC 387	
An	IX	001A	R.51-68	GC 1	
An	IX	001A	R.9	BA 68	1ST-2ND
An	IX	001C	B.19	CB 17	HADRIANIC-(ANTONINE)
An	IX	001C	B.65	CB 15	ANTONINE-EARLY 3RD
An	IX	001C	C.35	DH 51	MID 4TH ON
An	IX	001C	C.37	DH 5	MID 4TH ON
An	IX	001C	CW.11	DM 4	LATE 2ND ON
An	IX	001C	O.265	DE 1	2ND-3RD
An	IX	001C	O.325	DA 29	MID-1ST-LATE 2ND
An	IX	001C	R.143	BC 378	LATE 1ST-EARLY 2ND
An	IX	001C	R.324	BA 58	1ST?
An	IX	005	O.252	DEA 100	1ST
An	IX	005	O.409	DEA 24	
An	IX	005	R.133	BC 285	1ST
An	IX	005	R.133	BC 30	1ST
An	IX	005	R.135	BC 39	LATE 1ST-EARLY 2ND
An	IX	005	R.138	BC 380	LATE 1ST-EARLY 2ND
An	IX	005	R.143	BC 19	LATE 1ST-EARLY 2ND
An	IX	005	R.143	*BF 2	LATE 1ST-EARLY 2ND
An	IX	005	R.144	*BC 20	LATE 1ST-EARLY 2ND
An	IX	005	R.173	CT 48	HADRIANIC-ANTONINE
An	IX	005	R.190	*BC 16	HADRIANIC-ANTONINE
An	IX	005	R.222	*BF 15	LATE 1ST-EARLY 2ND
An	IX	005	R.241	BC 29	1ST-2ND
An	IX	005	R.254	BC 101	1ST-2ND
An	IX	005	R.324	BC 2	1ST?
An	IX	005	R.324	BC 8	1ST?
An	IX	005	R.391	CCC 2	HADRIANIC-ANTONINE
An	IX	005	R.453	BC 255	1ST-2ND
An	IX	005	R.474	BC 13	
An	IX	006	B.10	CB 24	HADRIANIC-ANTONINE
An	IX	006	C.43	DO 14	AD 150-250
An	IX	006	O.300	DE 32	1ST-2ND
An	IX	006	R.129	BC 38	LATE 1ST-EARLY 2ND
An	IX	006	R.154	*BC 42	LATE 1ST-EARLY 2ND
An	IX	006	R.235	BC 361	
An	IX	006	R.475	BC 252	
An	IX	006A	R.143	BC 19	LATE 1ST-EARLY 2ND
An	IX	007	B.21	CB 33	LATE 3RD-EARLY 4TH
An	IX	007	C.72	DEA 6	
An	IX	007	R.204	*CB 3	HADRIANIC-ANTONINE
An	IX	010	B.22	CB 35	2ND
An	IX	010	O.228	DE 7	
An	IX	010	O.265	DE 1	2ND-3RD
An	IX	010	O.326	DEA 12	MID 1ST-LATE 2ND
An	IX	010	R.127	BC 43	LATE 1ST-EARLY 2ND
An	IX	010	R.143	BC 19	LATE 1ST-EARLY 2ND
An	IX	010	R.150	BE 14	LATE 1ST-EARLY 2ND
An	IX	010	R.151	BG 131	LATE 1ST-EARLY 2ND
An	IX	010	R.198	BE 15	
An	IX	010	R.204	*CB 3	HADRIANIC-ANTONINE
An	IX	010	R.22	*BC 26	1ST-2ND
An	IX	010	R.234	BC 44	1ST-2ND?
An	IX	010	R.472	BC 24	
An	IX	011	B.22	CB 35	2ND
An	IX	011	O.131	DE 38	2ND-3RD
An	IX	011	O.259	DM 64	1ST-2ND

An	IX	011	R.130	BC 45	LATE 1ST-EARLY 2ND
An	IX	011	R.143	BC 19	LATE 1ST-EARLY 2ND
An	IX	011	R.151	BG 131	LATE 1ST-EARLY 2ND
An	IX	011	R.284	*BC 18	1ST-2ND?
An	IX	011	R.375	BE 16	HADRIANIC-ANTONINE
An	IX	011	W.50	EB 10	
An	IX	015	R.134	BC 22	EARLY 2ND?
An	IX	015	R.135	BC 39	LATE 1ST-EARLY 2ND
An	IX	01A	O.348	DE 19	LATE 2ND-3RD
An	IX	020	B.21	CB 1	LATE 3RD-EARLY 4TH
An	IX	020	R.133	BC 30	1ST
An	IX	020	R.134	BC 35	EARLY 2ND?
An	IX	020	R.143	BC 19	LATE 1ST-EARLY 2ND
An	IX	020	R.143	BC 50	LATE 1ST-EARLY 2ND
An	IX	020	R.143	BC 378	LATE 1ST-EARLY 2ND
An	IX	020	R.222	BA 105	LATE 1ST-EARLY 2ND
An	IX	020	R.251	BD 11	1ST-2ND
An	IX	020	W.23	EB 5	
An	IX	021	B.21	CB 12	LATE 3RD-EARLY 4TH
An	IX	021	B.49	CB 4	LATE 3RD-MID-4TH
An	IX	021	B.56	CB 20	EARLY-MID-4TH
An	IX	021	B.57	CB 14	EARLY-MID-4TH
An	IX	021	B.65	CB 15	ANTONINE-EARLY 3RD
An	IX	021	B.67	CB 23	2ND?
An	IX	021	B.74	CB 2	LATE 2ND-MID-4TH
An	IX	021	C.1	DH 31	MID 4TH ON
An	IX	021	C.28	DO 2	C AD 150-250
An	IX	021	C.34	DH 40	MID 4TH ON
An	IX	021	CW.18	DM 6	4TH
An	IX	021	O.137	DEA 45	MID-LATE 2ND
An	IX	021	O.162	DE 18	HADRIANIC-ANTONINE
An	IX	021	O.162	DE 46	HADRIANIC-ANTONINE
An	IX	021	O.313	DEA 13	1ST-2ND
An	IX	021	O.386	DE 45	2ND
An	IX	021	O.450	EC 1	
An	IX	021	R.107	GA 2	AD 340 ON
An	IX	021	R.143	BC 299	LATE 1ST-EARLY 2ND
An	IX	021	R.26	BA 10	1ST-2ND?
An	IX	021	R.280	BC 345	1ST-2ND?
An	IX	021	R.451	BG 22	HADRIANIC-ANTONINE
An	IX	021	R.460	BC 237	
An	IX	021	R.460	CT 43	
An	IX	021	R.51-68	GC 2	
An	IX	021	R.57	GC 3	1ST-2ND
An	IX	022	R.223	BC 375	
An	IX	022	R.324	BA 13	1ST?
An	IX	024	B.19	CB 17	HADRIANIC-(ANTONINE)
An	IX	024	B.21	CB 33	LATE 3RD-EARLY 4TH
An	IX	024	B.57	CB 14	EARLY-MID-4TH
An	IX	024	B.65	CB 15	ANTONINE-EARLY 3RD
An	IX	024	B.67	CB 23	2ND?
An	IX	024	B.74	CB 2	LATE 2ND-MID-4TH
An	IX	024	C.34	DH 40	MID 4TH ON
An	IX	024	C.35	DH 51	MID 4TH ON
An	IX	024	C.65	DH 19	MID 4TH ON
An	IX	024	O.205	DE 29	
An	IX	024	O.265	DE 1	2ND-3RD
An	IX	024	O.326	DEA 48	MID 1ST-LATE 2ND
An	IX	024	O.409	DEA 24	
An	IX	024	O.447	DEA 49	FLAVIAN?
An	IX	024	O.456	DEA 6	
An	IX	024	R.135	BC 39	LATE 1ST-EARLY 2ND
An	IX	024	R.143	BC 19	LATE 1ST-EARLY 2ND

An		IX	024	R.26	BA 83	1ST-2ND?
An		IX	025A	B.34	CB 5	R. DRIANIC-ANTONINE
An		IX	027	O.228	DEA 92	
An		IX	028	O.209	BJ 1	1ST-2ND
An		IX	028	O.446	DA 108	
An		IX	028	R.164	BH 1	
An		IX	032	R.119	BC 86	LATE 1ST-EARLY 2ND
An		IX	033	R.143	BC 19	LATE 1ST-EARLY 2ND
An		IX	033	R.374	BZ 90	HADRIANIC-ANTONINE
An		IX	033	R.376	BG 26	HADRIANIC-ANTONINE
An		IX	033B	O.26	DEA 145	LATE 1ST-EARLY 2ND
An		IX	033B	R.143	BC 19	LATE 1ST-EARLY 2ND
An		IX	033C	R.143	BC 19	LATE 1ST-EARLY 2ND
An		IX	033C	R.173	BC 52	HADRIANIC-ANTONINE
An		IX	U/S	R.162	BG 28	
An		V	001	O.58	DE 413	LATE 1ST-MID 2ND
An		V	001	O.58	DE 413	LATE 1ST-MID 2ND
An		V	002	B.34	CB 5	HADRIANIC-ANTONINE
An		V	002	B.74	CB 2	LATE 2ND-MID-4TH
An		V	002	C.48	DF 39	AD 300-400
An		V	002	C.77	DF 39	
An		V	002	O.140	DE 5	2ND-3RD
An		V	002	R.151	BG 131	LATE 1ST-EARLY 2ND
An		V	002	R.460	BA 70	
An		V	005	O.85	DA 3	
An		V	005	R.146	BE 56	LATE 1ST-EARLY 2ND
An		V	005	R.282	*BC 1	1ST-2ND?
An		V	005	R.324	BC 8	1ST?
An		V	006	CW.11	DM 33	LATE 2ND ON
An		V	006	R.163	BG 27	LATE 1ST-EARLY 2ND
An		V	007	C.77	DF 2	
An		V	007	O.146	DE 9	LATE 3RD-4TH
An		V	030	O.335	DIA 75	MID-1ST-LATE 2ND
An		V	030	R.143	BC 19	LATE 1ST-EARLY 2ND
An	I	IX	041	R.113	*BC 118	LATE 1ST-EARLY 2ND
An	I	IX	041	R.143	BC 19	LATE 1ST-EARLY 2ND
An	I	IX	041	R.173	BC 52	HADRIANIC-ANTONINE
An	I	IX	048	R.143	BC 19	LATE 1ST-EARLY 2ND
An	II	IX	017	O.177	DE 44	1ST?
An	II	IX	045	R.125	BC 120	LATE 1ST-EARLY 2ND
An	II	IX	045	R.362	BC 163	HADRIANIC-ANTONINE
An	II	IX	045	W.2	EB 6	LATE 1ST-EARLY 2ND
An	III	IX	004	O.245	DA 96	1ST-2ND
An	III	IX	004	R.135	BC 39	LATE 1ST-EARLY 2ND
An	III	IX	004	R.150	BE 14	LATE 1ST-EARLY 2ND
An	III	IX	004	R.239	BC 40	1ST-2ND
An	III	IX	004	R.252	BE 12	1ST-2ND
An	III	IX	004	R.274	BA 91	1ST-2ND?
An	III	IX	004	R.455	*BA 8	1ST-2ND
An	III	IX	004	W.13	ED 16	
An	III	IX	004	W.20	EB 3	
An	III	IX	034	R.115	*BK 14	LATE 1ST-EARLY 2ND
An	III	IX	034	R.143	BC 19	LATE 1ST-EARLY 2ND
An	IV	IX	013	O.39	EG 1	MID-3RD-4TH?
An	IV	IX	013	O.421	DM 72	LATE 1ST-2ND
An	IV	IX	013	R.130	BC 45	LATE 1ST-EARLY 2ND
An	IV	IX	013	R.143	BC 378	LATE 1ST-EARLY 2ND
An	IV	IX	013	R.152	*BC 33	LATE 1ST-EARLY 2ND
An	IV	IX	013	R.297	BG 130	1ST-2ND?
An	IV	IX	013	R.475	*BF 14	
An	IX	IX	001B	O.447	DE 28	FLAVIAN?
An	IX	IX	001B	O.61	DE 27	
An	IX	IX	001B	R.112	GA 1	4TH

An	V	IX	012	O.119	DE 41	1ST-3RD
An	V	IX	012	O.265	DE 1	2ND-3RD
An	V	IX	012	O.327	DEA 40	MID-1ST-LATE 2ND
An	V	IX	012	R.134	BC 22	EARLY 2ND?
An	V	IX	012	R.143	BC 19	LATE 1ST-EARLY 2ND
An	V	IX	012	R.143	BC 378	LATE 1ST-EARLY 2ND
An	V	IX	012	R.146	BE 10	LATE 1ST-EARLY 2ND
An	V	IX	012	R.156	BG 15	LATE 1ST-EARLY 2ND
An	V	IX	012	R.163	*BC 17	LATE 1ST-EARLY 2ND
An	V	IX	012	R.324	BC 8	1ST?
An	V	IX	012	R.438	BA 110	1ST-2ND?
An	V	IX	012	R.479	BE 17	
An	V	IX	012	R.73	CCC 1	1ST-EARLY 2ND
An	V	IX	012	W.50	EB 4	
An	V	IX	014	O.181	DE 43	
An	V	IX	014	R.130	BC 45	LATE 1ST-EARLY 2ND
An	V	IX	014	R.150	BE 14	LATE 1ST-EARLY 2ND
An	V	IX	014	R.244	BG 108	1ST-2ND
An	V	IX	014	R.297	*BC 47	1ST-2ND?
An	V	IX	014	R.31	*BC 34	1ST-2ND
An	V	IX	014	R.460	BC 279	
An	V	IX	014A	R.362	BC 163	HADRIANIC-ANTONINE
An	V	IX	043	R.143	BC 19	LATE 1ST-EARLY 2ND
An	V	IX	044	O.265	DE 1	2ND-3RD
An	VI	IX	003	B.19	CB 17	HADRIANIC-(ANTONINE)
An	VI	IX	003	O.162	DE 18	HADRIANIC-ANTONINE
An	VI	IX	003	O.184	DS 3	
An	VI	IX	003	O.447	DE 31	FLAVIAN?
An	VI	IX	003	R.134	BC 35	EARLY 2ND?
An	VI	IX	003	R.143	BC 378	LATE 1ST-EARLY 2ND
An	VI	IX	003	R.152	BG 129	LATE 1ST-EARLY 2ND
An	VI	IX	003	R.235	BC 361	
An	VI	IX	003	R.241	BC 29	1ST-2ND
An	VI	IX	003	R.272	BA 75	1ST-2ND?
An	VI	IX	003	R.31	BD 17	1ST-2ND
An	VI	IX	003	R.324	BC 265	1ST?
An	VI	IX	003	R.445	CT 29	1ST-2ND?
An	VI	IX	003	R.455	BG 20	1ST-2ND
An	VI	IX	003	R.456	BG 101	1ST-2ND
An	VI	IX	003	R.460	BC 37	
An	VI	IX	003	R.465	BC 265	2ND-4TH
An	VI	IX	003	R.475	BC 338	
An	VI	IX	008	B.17	CB 34	3RD
An	VI	IX	008	B.22	CB 35	2ND
An	VI	IX	008	B.65	CB 15	ANTONINE-EARLY 3RD
An	VI	IX	008	B.67	CB 23	2ND?
An	VI	IX	008	B.75	CB 262	HADRIANIC ON
An	VI	IX	008	CW.7	DM 5	LATE 2ND ON
An	VI	IX	008	O.140	DE 5	2ND-3RD
An	VI	IX	008	O.150	DE 36	4TH
An	VI	IX	008	O.214	DE 33	
An	VI	IX	008	O.265	DE 1	2ND-3RD
An	VI	IX	008	O.320	DEA 37	1ST-2ND
An	VI	IX	008	O.348	DE 19	LATE 2ND-3RD
An	VI	IX	008	O.398	DE 34	1ST-3RD
An	VI	IX	008	O.426	DA 103	FLAVIAN?
An	VI	IX	008	R.134	BC 22	EARLY 2ND?
An	VI	IX	008	R.143	BC 19	LATE 1ST-EARLY 2ND
An	VI	IX	008	R.151	BG 131	LATE 1ST-EARLY 2ND
An	VI	IX	008	R.152	*BC 33	LATE 1ST-EARLY 2ND
An	VI	IX	008	R.179	BC 394	HADRIANIC-ANTONINE
An	VI	IX	008	R.232	BC 272	2ND?
An	VI	IX	008	R.350	CT 50	1ST?

An	VI	IX	008	R.421	BG 151	2ND
An	VI	IX	008	R.451	BA 101	HADRIANIC-ANTONINE
An	VI	IX	008	R.455	*BA 8	1ST-2ND
An	VI	IX	008	R.460	BC 237	
An	VI	IX	008	R.475	*BF 14	
An	VI	IX	016	O.456	DEA 6	
An	VI	IX	016	R.134	BC 22	EARLY 2ND?
An	VI	IX	018	O.358	DE 2	LATE 3RD-4TH
An	VI	IX	025	B.20	CF 81	MID 3RD-EARLY 4TH
An	VI	IX	025	B.34	CB 5	HADRIANIC-ANTONINE
An	VI	IX	025	B.67	CB 23	2ND?
An	VI	IX	025	O.58	DE 91	LATE 1ST-MID 2ND
An	VI	IX	025	R.151	BG 131	LATE 1ST-EARLY 2ND
An	VI	IX	025	R.324	BC 108	1ST?
An	VI	IX	025	R.401	BC 28	1ST-2ND
An	VI	IX	029	O.68	DE 22	1ST-4TH
An	VI	IX	030	R.143	BC 109	LATE 1ST-EARLY 2ND
An	VI	V	003	W.11	EB 51	
An	VI	V	008	B.34	CB 5	HADRIANIC-ANTONINE
An	VI	V	008	B.47	CB 254	3RD
An	VI	V	008	B.74	CB 2	LATE 2ND-MID-4TH
An	VI	V	008	O.146	DE 9	LATE 3RD-4TH
An	VI	V	008	O.228	DE 10	
An	VI	V	008	O.265	DE 1	2ND-3RD
An	VI	V	008	O.366	DE 93	2ND-3RD
An	VI	V	008	O.71	DEA 8	2ND-4TH
An	VI	V	008	R.475	BC 356	
An	VI	V	008	W.36	EB 1	LATE 1ST-EARLY 2ND?
An	VI	V	011	O.223	FA 1	LATE 1ST-MID 2ND
An	VI	V	011	R.143	*BF 2	LATE 1ST-EARLY 2ND
An	VI	V	012	O.223	FA 1	LATE 1ST-MID 2ND
An	VI	V	012	O.228	DE 11	
An	VI	V	012	O.456	DEA 6	
An	VI	V	016	W.33	EB 41	LATE 1ST-2ND
An	VI	V	017	R.143	BC 19	LATE 1ST-EARLY 2ND
An	VI	V	017	R.184	BC 72	HADRIANIC-ANTONINE
An	VI	V	018	R.415	BE 52	1ST-2ND
An	VI	V	019	R.201	BE 66	HADRIANIC-ANTONINE
An	VII	IX	002	C.64	DF 8	AD 240-400
An	VII	IX	002	O.358	DE 30	LATE 3RD-4TH
An	VII	IX	002	O.447	DE 28	FLAVIAN?
An	VII	IX	002	R.133	BC 30	1ST
An	VII	IX	002	R.154	BG 18	LATE 1ST-EARLY 2ND
An	VII	IX	002	R.241	BC 29	1ST-2ND
An	VII	IX	002	R.401	BC 28	1ST-2ND
An	VII	IX	002	W.39	EB 62	AD 240-400
An	VIII	IX	009	B.75	CB 262	HADRIANIC ON
An	VIII	V	004	O.265	DE 1	2ND-3RD
An	VIII	V	004	O.456	DEA 6	
An	VIII	V	001	O.85	DA 3	
An	VIII	V	004	R.324	BC 8	1ST?
An	VIII	V	004	R.324	BC 290	1ST?
An	VIII	V	004	R.9	BG 19	1ST-2ND
As		I	002	B.21	CB 1	LATE 3RD-EARLY 4TH
As		I	002	C.37	DHA 1	MID 4TH ON
As		I	002	C.37	DHA 38	MID 4TH ON
As		I	002	O.226	DJ 3	
As		I	002	O.265	DE 1	2ND-3RD
As		I	002	O.357	DE 432	3RD
As		I	002	O.358	DE 2	LATE 3RD-4TH
As		I	002	O.447	DEA 3	FLAVIAN?
As		I	002	O.460	DJ 2	
As		I	002	R.397	*BR 1	

As		I	002A	B.49	CB 4	LATE 3RD-MID-4TH
As		I	002A	B.74	CB 2	LATE 2ND-MID-4TH
As		I	002A	C.74	DQ 1	
As		I	002A	O.447	DEA 3	FLAVIAN?
As		I	002A	R.156	BG 133	LATE 1ST-EARLY 2ND
As		I	002A	R.204	CT 41	HADRIANIC-ANTONINE
As		I	002A	R.204	*CB 3	HADRIANIC-ANTONINE
As		I	002A	R.397	BE 65	
As		I	003	R.156	BG 133	LATE 1ST-EARLY 2ND
As		I	003	R.282	BE 113	1ST-2ND?
As		I	003	R.309	*BG 13	1ST?
As		I	004C	O.340	DA 2	2ND
As		I	004C	R.123	BC 333	LATE 1ST-EARLY 2ND
As		I	004C	R.143	*BF 2	LATE 1ST-EARLY 2ND
As		I	004C	R.156	BG 133	LATE 1ST-EARLY 2ND
As		I	004C	R.247	BC 4	1ST-2ND?
As		I	004C	R.397	*BK 1	
As		I	004D	O.84	DA 1	1ST-2ND
As		I	004D	R.282	*BC 1	1ST-2ND?
As		I	004E	R.460	BC 274	
As		I	004E	R.460	BC 342	
As		I	004F	R.143	BC 247	LATE 1ST-EARLY 2ND
As		I	006A	O.381	DIA 63	1ST-2ND?
As		I	006A	R.173	CT 52	HADRIANIC-ANTONINE
As		I	006A	R.206	CT 39	HADRIANIC-ANTONINE
As		I	006A	R.247	BC 4	1ST-2ND?
As		I	006A	R.324	BC 2	1ST?
As		I	006A	R.324	BC 235	1ST?
As		I	006A	R.382	BC 5	1ST-EARLY 2ND
As		I	006A	R.460	BC 274	
As		I	015	R.161	*BC 95	LATE 1ST-EARLY 2ND
As		I	019	R.374	BE 90	HADRIANIC-ANTONINE
As		I	030	R.374	BE 90	HADRIANIC-ANTONINE
As		I	033	R.374	BE 90	HADRIANIC-ANTONINE
As		I	034?	R.143	BC 390	LATE 1ST-EARLY 2ND
As		I	046	O.207	DZ 31	2ND
As		I	049	O.58	DE 430	LATE 1ST-MID 2ND
As		I	074	k.374	BE 90	HADRIANIC-ANTONINE
As		XIII	002	O.281	DEA 131	4TH
As		XIII	002	O.349	DE 90	2ND-3RD
As	VI	I	004	B.21	CB 1	LATE 3RD-EARLY 4TH
As	VI	I	004	B.34	CB 5	HADRIANIC-ANTONINE
As	VI	I	004	B.49	CB 4	LATE 3RD-MID-4TH
As	VI	I	004	B.74	CB 2	LATE 2ND-MID-4TH
As	VI	I	004	C.73	DP 1	
As	VI	I	004	CW.3	DM 1	LATE 2ND-3RD
As	VI	I	004	O.265	DE 1	2ND-3RD
As	VI	I	004	R.51-68	GC 41	
As	VI	I	004A	O.382	DEA 366	2ND-3RD?
B		I	006	B.34	CB 256	HADRIANIC-ANTONINE
B		I	006	C.45	DF 45	AD 300-400
B		I	006	C.52	DF 48	AD 270-400
B		I	006	C.55	DF 47	AD 270-400
B		I	006	O.118	DA 69	
B		I	006	O.120	DE 371	
B		I	006	O.121	DE 275	LATE 1ST-MID 2ND
B		I	006	O.122	DE 388	3RD?
B		I	006	O.123	DE 363	
B		I	006	O.161	DE 276	HADRIANIC-ANTONINE
B		I	006	O.168	DEA 334	2ND
B		I	006	O.172	DW 55	
B		I	006	O.173	DW 49	
B		I	006	O.180	DE 261	2ND

B	I	006	0.223	FA 13	LATE 1ST-MID 2ND
B	I	006	0.263	GA 51	2ND
B	I	006	0.34	DE 369	1ST-2ND
B	I	006	0.352	DE 394	LATE 2ND-3RD
B	I	006	0.374	DE 297	2ND-4TH
B	I	006	0.434	DW 66	
B	I	006	0.5	DE 251	MID-2ND-MID-3RD
B	I	006	W.41	ED 3	AD 240-400+
B	I	006A	0.274	DEA 143	2ND-3RD
B	I	008	B.5	CB 44	HADRIANIC-ANTONINE
B	I	012	R.143	BC 19	LATE 1ST-EARLY 2ND
B	I	013	B.38	CB 105	
B	I	013	B.5	CB 44	HADRIANIC-ANTONINE
B	I	014	B.16	CB 259	2ND
B	I	014	CW.11	DM 40	LATE 2ND ON
B	I	014	0.131	DE 376	2ND-3RD
B	I	014	0.208	DZ 16	
B	I	014	0.350	DE 267	2ND-3RD
B	I	014	0.363	DI 74	3RD
B	I	014	R.126	BC 212	LATE 1ST-EARLY 2ND
B	I	014	R.127	BC 213	LATE 1ST-EARLY 2ND
B	I	014	R.144	BD 33	LATE 1ST-EARLY 2ND
B	I	014	R.180	BC 322	
B	I	014	R.281	BC 344	1ST-2ND?
B	I	014	R.287	BG 114	1ST-2ND?
B	I	014	R.327	BG 135	1ST?
B	I	014	R.373	BE 78	HADRIANIC-ANTONINE
B	I	014	R.402	BG 102	1ST-2ND
B	I	018	R.143	BC 19	LATE 1ST-EARLY 2ND
B	I	019	R.234	BC 44	1ST-2ND?
B	I	020	B.5	CB 44	HADRIANIC-ANTONINE
B	I	020	0.248	DE 109	
B	I	020	0.328	DEA 381	MID-1ST-LATE 2ND
B	I	020	R.389	CCC 55	3RD-4TH
B	I	021	0.143	DE 113	LATE 3RD-4TH
B	I	024	0.282	DIA 21	2ND-3RD
B	I	024	R.304	BC 190	2ND
B	I	030	0.245	DA 96	1ST-2ND
B	I	030	0.308	DEA 229	1ST-EARLY 2ND
B	I	030	R.143	BC 109	LATE 1ST-EARLY 2ND
B	I	031	B.67	CB 23	2ND?
B	I	032	B.36	CB 169	HADRIANIC-ANTONINE
B	I	032	R.94	CB 118	HADRIANIC-ANTONINE
B	I	033	R.113	*BC 118	LATE 1ST-EARLY 2ND
B	I	034	0.84	DA 1	1ST-2ND
B	I	036	R.143	BC 19	LATE 1ST-EARLY 2ND
B	I	036	R.187	BC 327	
B	I	036	R.217	BE 50	2ND
B	I	100	B.50	CB 94	LATE 3RD-MID-4TH
B	I	173	R.184	BC 72	HADRIANIC-ANTONINE
B	I	246	R.288	BG 109	1ST-2ND?
B	IA	001	B.34	CB 258	HADRIANIC-ANTONINE
B	IA	001	B.41	CB 60	ANTONINE
B	IA	001	B.44	CB 43	3RD
B	IA	001	C.25	DO 3	C AD 150-250
B	IA	001	0.146	DE 9	LATE 3RD-4TH
B	IA	001	0.162	DE 102	HADRIANIC-ANTONINE
B	IA	001	0.165	DRA 20	
B	IA	001	0.174	DW 50	2ND
B	IA	001	0.252	DRA 100	1ST
B	IA	001	0.314	DI 2	1ST-2ND
B	IA	001	0.327	DRA 40	MID-1ST-LATE 2ND
B	IA	001	0.359	DE 101	3RD

B	IA	001	O.408	DV 1
B	IA	001	R.119	BC 377 LATE 1ST-EARLY 2ND
B	IA	001	R.305	BR 4
B	IA	001	R.405	BR 3 1ST-2ND
B	IA	007	C.15	DT 8 C AD 80-135
B	IA	007	O.228	DE 17
B	IA	007	R.113	BA 97 LATE 1ST-EARLY 2ND
B	IA	007	R.143	BC 19 LATE 1ST-EARLY 2ND
B	IA	007	R.151	*BC 96 LATE 1ST-EARLY 2ND
B	IA	007	R.254	BC 101 1ST-2ND
B	IA	007	R.297	*BC 47 1ST-2ND?
B	IA	007	W.24	ED 17 EARLY-MID-1ST
B	IA	007	W.44	ED 32 AD 300-400+
B	IA	008	CW.10	DN 35 LATE 2ND ON
B	IA	008	O.124	DE 285
B	IA	008	O.150	DE 66 4TH
B	IA	008	O.270	DE 270
B	IA	008	O.284	DIA 48 1ST
B	IA	008	O.313	DEA 13 1ST-2ND
B	IA	008	O.449	DW 61
B	IA	008	O.57	DE 110
B	IA	008	R.104	GA 3 LATE 3RD ON
B	IA	008	R.127	BC 43 LATE 1ST-EARLY 2ND
B	IA	008	R.42	GA 6 3RD-4TH
B	IA	008	W.23	EB 52
B	IA	009	B.11	CB 47 HADRIANIC-(ANTONINE)
B	IA	009	B.41	CB 60 ANTONINE
B	IA	009	O.265	DE 1 2ND-3RD
B	IA	009	R.192	BD 64 HADRIANIC-ANTONINE
B	IA	009	R.388	*CB 42 3RD-4TH
B	IA	009	R.389	*CB 212 3RD-4TH
B	IA	009	R.421	*BF 16 2ND
B	IA	009	R.78	CCC 3 1ST-EARLY 2ND
B	IA	011	O.265	DE 1 2ND-3RD
B	IA	011	R.295	BE 32 1ST-2ND?
B	IA	017	O.10	DEA 98 2ND-3RD
B	IA	017	O.438	FB 2
B	IA	017	R.143	BC 19 LATE 1ST-EARLY 2ND
B	IA	018	O.200	DE 146 1ST-2ND
B	IA	020	O.265	DE 1 2ND-3RD
B	IA	020	O.6	DE 83 MID-2ND-MID-3RD
B	IA	020	R.143	BC 19 LATE 1ST-EARLY 2ND
B	IA	023	R.143	BC 19 LATE 1ST-EARLY 2ND
B	IA	023	R.169	*BF 8 2ND?
B	IA	023	R.66	GC 8 1ST-2ND
B	IA	024	R.399	*BC 32 1ST-2ND
B	II	002	B.44	CB 43 3RD
B	II	002	O.281	DEA 131 4TH
B	II	002	O.358	DE 165 LATE 3RD-4TH
B	II	002	R.143	BC 19 LATE 1ST-EARLY 2ND
B	II	004	O.265	DE 1 2ND-3RD
B	II	004	O.274	DEA 143 2ND-3RD
B	II	007	O.281	DEA 131 4TH
B	III	004	C.60	DF 37 AD 270-400
B	III	004	R.258	*BE 41 1ST-2ND?
B	III	007	B.20	CB 80 MID 3RD-EARLY 4TH
B	III	008	O.281	DEA 131 4TH
B	III	009	R.52	GC 5 1ST-2ND
B	III	010	O.143	DE 113 LATE 3RD-4TH
B	III	011	B.38	CB 105
B	III	012	R.277	*BF 52 1ST-2ND?
B	III	015	B.67	CB 23 2ND?
B	III	016	O.84	DA 1 1ST-2ND

B		III	016	W.36	EB 1	LATE 1ST-EARLY 2ND?
B		IIIA	006	R.374	BE 90	HADRIANIC-ANTONINE
B		IV	001	B.56	CB 20	EARLY-MID-4TH
B		IV	001	O.281	DEA 131	4TH
B		IV	004	O.150	DE 154	4TH
B		IV	004	O.84	DA 1	1ST-2ND
B		IV	006	O.143	DE 113	LATE 3RD-4TH
B		VI	003	O.105	DA 28	3RD
B		VI	004	R.143	BC 19	LATE 1ST-EARLY 2ND
B		VIII	001	B.21	CB 1	LATE 3RD-EARLY 4TH
B		VIII	001	R.143	BC 19	LATE 1ST-EARLY 2ND
B		VIII	001	R.470	CS 18	1ST
B		VIII	006	O.274	DEA 143	2ND-3RD
B		VIII	U/S	B.20	CB 80	MID 3RD EARLY 4TH
B		VIII	U/S	B.44	CB 43	3RD
B		VIII	U/S	B.57	CB 14	EARLY-MID-4TH
B		VIII	U/S	B.67	CB 23	2ND?
B		VIII	U/S	O.150	DE 154	4TH
B		VIII	U/S	O.281	DEA 131	4TH
B		VIII	U/S	O.367	DE 182	2ND-4TH
B		VIIIA	003	O.161	DE 64	HADRIANIC-ANTONINE
B		VIIIA	003	O.165	DE 63	
B		VIIIA	003	O.19	DEA 62	MID-2ND-EARLY 3RD
B		VIIIA	003	R.284	*BC 18	1ST-2ND?
B		VIIIA	003	R.475	*BF 14	
B		VIIIA	006	B.14	CB 75	HADRIANIC-ANTONINE
B		VIIIA	006	R.143	*BB 6	LATE 1ST-EARLY 2ND
B		X	004	B.44	CB 43	3RD
B		X	005	R.143	BC 19	LATE 1ST-EARLY 2ND
B		X	005	R.295	BE 32	1ST-2ND?
B		XII	U/S	R.362	BC 163	HADRIANIC-ANTONINE
B		XIII	U/S	R.153	*BF 35	LATE 1ST-EARLY 2ND
B	I	I	025	O.114	DA 71	
B	I	I	025	O.265	DE 1	2ND-3RD
B	I	I	028	O.207	DE 21	2ND
B	I	I	028	R.350	BU 13	1ST?
B	I	I	035	B.3	CB 110	HADRIANIC-ANTONINE
B	I	I	035	R.52	GC 5	1ST-2ND
B	II	I	002	O.128	DEA 264	MID-LATE 2ND
B	II	I	002	O.179	DE 343	1ST-2ND?
B	II	I	002	O.271	DE 349	1ST-2ND
B	II	I	002	O.401	DIA 38	
B	II	I	002	R.124	BC 231	LATE 1ST-EARLY 2ND
B	II	I	002	R.190	BD 29	HADRIANIC-ANTONINE
B	II	I	002	R.273	BA 5	1ST-2ND?
B	II	I	002	R.273	BD 4	1ST-2ND?
B	II	I	002	R.357	BA 71	HADRIANIC-ANTONINE
B	II	I	002	R.378	BS 16	HADRIANIC-ANTONINE
B	II	I	002	R.476	BD 46	
B	II	I	002	R.75	CCC 25	HADRIANIC-ANTONINE
B	II	I	003	B.28	CB 176	HADRIANIC-ANTONINE
B	II	I	003	B.3	CB 110	HADRIANIC-ANTONINE
B	II	I	003	B.34	CB 191	HADRIANIC-ANTONINE
B	II	I	003	B.39	CB 70	HADRIANIC-ANTONINE
B	II	I	003	B.5	CB 44	HADRIANIC-ANTONINE
B	II	I	003	B.75	CB 261	HADRIANIC ON
B	II	I	003	C.13	DT 23	C AD 80-135
B	II	I	003	C.21	DT 5	LATE 1ST-MID-2ND
B	II	I	003	C.21	DT 27	LATE 1ST-MID-2ND
B	II	I	003	C.22	FE 1	C AD 120-150
B	II	I	003	C.23	FE 2	C AD 120-150
B	II	I	003	O.150	DE 154	4TH
B	II	I	003	O.165	DEA 20	

B	II	I	003	0.166	DEA 233 2ND-3RD
B	II	I	003	0.170	DIA 43 HADRIANIC-ANTONINE
B	II	I	003	0.175	DE 37 2ND
B	II	I	003	0.19	DEA 347 MID-2ND-EARLY 3RD
B	II	I	003	0.191	DIA 42 FLAVIAN-TRAJANIC
B	II	I	003	0.192	DIA 16 HADRIANIC-ANTONINE
B	II	I	003	0.199	DE 417 FLAVIAN?
B	II	I	003	0.203	DE 423 1ST-2ND?
B	II	I	003	0.21	DE 353 2ND
B	II	I	003	0.222	FA 9 LATE 1ST-MID-2ND
B	II	I	003	0.223	FA 11 LATE 1ST-MID 2ND
B	II	I	003	0.228	DE 10
B	II	I	003	0.231	DEA 158 1ST?
B	II	I	003	0.24	DE 225 LATE 1ST-EARLY 2ND
B	II	I	003	0.255	DEA 336
B	II	I	003	0.269	DE 344 1ST-2ND
B	II	I	003	0.27	DEA 277 LATE 1ST-EARLY 2ND
B	II	I	003	0.27	DEA 278 LATE 1ST-EARLY 2ND
B	II	I	003	0.27	DEA 408 LATE 1ST-EARLY 2ND
B	II	I	003	0.272	DEA 248 1ST
B	II	I	003	0.274	DEA 143 2ND-3RD
B	II	I	003	0.277	DEA 354 2ND
B	II	I	003	0.278	DEA 402 2ND-3RD
B	II	I	003	0.279	DEA 346 2ND-3RD
B	II	I	003	0.282	DIA 21 2ND-3RD
B	II	I	003	0.282	DIA 69 2ND-3RD
B	II	I	003	0.284	DIA 31 1ST
B	II	I	003	0.289	DE 34 2ND
B	II	I	003	0.310	DEA 351 1ST
B	II	I	003	0.313	DEA 13 1ST-2ND
B	II	I	003	0.320	DE 9 1ST-2ND
B	II	I	003	0.324	DEA 250 MID-1ST-LATE 2ND
B	II	I	003	0.327	DEA 428 MID-1ST-LATE 2ND
B	II	I	003	0.329	DEA 283 MID 1ST-LATE 2ND
B	II	I	003	0.333	DIA 59 MID-1ST-LATE 2ND
B	II	I	003	0.334	DIA 79 MID-1ST-LATE 2ND
B	II	I	003	0.336	DIA 34 MID-1ST-LATE 2ND
B	II	I	003	0.337	DIA 61 MID-1ST-LATE 2ND
B	II	I	003	0.34	DE 271 1ST-2ND
B	II	I	003	0.344	DIA 40 2ND-3RD
B	II	I	003	0.345	*DE 12 3RD
B	II	I	003	0.35	DI 28
B	II	I	003	0.380	DE 348 MID-2ND-EARLY 3RD
B	II	I	003	0.381	DE 345 1ST-2ND?
B	II	I	003	0.381	*DE 4 1ST-2ND?
B	II	I	003	0.385	DI 56 2ND
B	II	I	003	0.400	*DI 7
B	II	I	003	0.415	DW 39 LATE 1ST-LATE 2ND
B	II	I	003	0.422	DW 40 MID-3RD-4TH
B	II	I	003	0.445	DA 85
B	II	I	003	0.448	DIA 39
B	II	I	003	0.50	DA 90 1ST-3RD
B	II	I	003	0.56	DE 245 1ST-3RD
B	II	I	003	0.67	DEA 373 LATE 1ST-MID-2ND
B	II	I	003	0.69	DEA 398 1ST-2ND
B	II	I	003	0.70	DEA 391
B	II	I	003	0.73	DIA 83
B	II	I	003	0.74	DE 6 MID 1ST-2ND
B	II	I	003	0.80	*DE 2
B	II	I	003	0.96	DA 84 LATE 2ND-LATE 3RD
B	II	I	003	R.173	BC 52 HADRIANIC-ANTONINE
B	II	I	003	R.18	BC 191 1ST-3RD
B	II	I	003	R.186	BC 347 HADRIANIC-ANTONINE

B	II	I	003	R.205	CT 21	HADRIANIC-ANTONINE
B	II	I	003	R.209	BC 49	2ND
B	II	I	003	R.27	BC 409	1ST-2ND?
B	II	I	003	R.277	*BF 52	1ST-2ND?
B	II	I	003	R.302	3BF 68	2ND
B	II	I	003	R.315	BB 24	1ST?
B	II	I	003	R.335	BC 340	2ND-3RD
B	II	I	003	R.360	BC 319	HADRIANIC-ANTONINE
B	II	I	003	R.379	CT 9	HADRIANIC-ANTONINE
B	II	I	003	R.389	*CB 212	3RD-4TH
B	II	I	003	R.391	CCC 2	HADRIANIC-ANTONINE
B	II	I	003	R.401	*BF 24	1ST-2ND
B	II	I	003	R.474	BC 311	
B	II	I	003	R.476	BD 46	
B	II	I	003	R.476	BD 60	
B	II	I	003	R.477	BD 43	
B	II	I	003	R.69	CCC 12	1ST-2ND
B	II	I	003	R.70	CCC 34	1ST-EARLY 2ND
B	II	I	003	R.71	CCC 10	1ST-EARLY 2ND
B	II	I	003	R.89	CCC 15	ANTONINE
B	II	I	003	R.91	CCC 22	ANTONINE
B	II	I	003	R.93	CCC 21	HADRIANIC-ANTONINE
B	II	I	003	W.11	EB 66	
B	II	I	003	W.11	EB 45	
B	II	I	003	W.11	EB 50	
B	II	I	003	W.47	AB 16	AD 240 ON?
B	II	I	003	W.50	EB 42	
B	II	I	005	R.206	CT 51	HADRIANIC-ANTONINE
B	II	I	005	W.13	ED 31	
B	II	I	010	O.50	DA 99	1ST-3RD
B	II	I	015	O.72	DEA 256	
B	II	I	015	R.143	BC 221	LATE 1ST-EARLY 2ND
B	II	I	015	R.150	BE 80	LATE 1ST-EARLY 2ND
B	II	I	015	R.240	BE 104	1ST-2ND
B	II	I	015	R.247	BC 352	1ST-2ND?
B	II	I	015	R.316	BB 42	2ND
B	II	I	015	R.324	BC 224	1ST?
B	II	I	015	R.68	GC 49	1ST-2ND
B	II	I	016	O.265	DE 1	2ND-3RD
B	II	I	016	R.324	BC 108	1ST?
B	II	I	017	O.314	DI 2	1ST-2ND
B	II	I	3	O.287	DEA 402	2ND-3RD
B	II	IA	005	O.197	DE 99	FLAVIAN?
B	II	IA	005	O.391	CH 60	1ST?
B	II	IA	005	O.75	DK 40	LATE 1ST-MID 2ND
B	II	IA	005	R.324	BD 2	1ST?
B	III	IA	025	O.119	DE 368	1ST-3RD
B	III	IA	025	O.211	DA 13	1ST
B	III	IA	025	O.313	DEA 13	1ST-2ND
B	III	IA	025	R.315	BB 24	1ST?
B	IV	IA	012	O.265	DE 1	2ND-3RD
B	IV	IA	012	R.143	*BF 2	LATE 1ST-EARLY 2ND
B	IV	IA	013	O.131	DE 86	2ND-3RD
B	IV	IA	013	O.265	DE 1	2ND-3RD
B	IV	IA	013	R.43	GA 7	AD 340 ON
B	IV	IA	014	O.131	DE 86	2ND-3RD
B	IV	IA	014	O.200	DE 146	1ST-2ND
B	IV	IA	014	O.265	DE 1	2ND-3RD
B	IV	IA	014	O.451	DE 121	
B	IV	IA	014	R.104	GA 3	LATE 3RD ON
B	IV	IA	014	R.144	BD 1	LATE 1ST-EARLY 2ND
B	IV	IA	014	R.259	BC 124	1ST-2ND?
B	IV	IA	015	C.50	DF 14	AD 340-400

B	IV	IA	015	CW.2	DN 15
B	IV	IA	015	R.432	BC 250 LATE 3RD-4TH
C			U/S	C.56	DF 13 AD 270-400
C			U/S	C.9	CI 6
C			U/S	R.51-68	GC 18
C		II	1	R.367	BG 8 HADRIANIC-ANTONINE
C		IIA	005	R.143	BC 110 LATE 1ST-EARLY 2ND
C		IIA	016	C.70	DH 46 LATE 2ND-MID-3RD
C		IYA	107	R.37	(GA 12) 2ND-4TH
C		IID	001	B.50	CB 94 LATE 3RD-MID-4TH
C		III	001	O.346	DA 31 3RD
C		III	001	R.181	BC 134 HADRIANIC-ANTONINE
C		III	001	R.322	BC 134 1ST-2ND
C		III	001	R.483	EW 1
C		III	002	B.39	CB 70 HADRIANIC-ANTONINE
C		III	002	O.265	DE 1 2ND-3RD
C		III	004	O.379	DI 70 2ND-3RD
C		III	009	O.281	DEA 131 4TH
C		III	013	R.253	*BC 131 1ST-2ND
C		III	014	B.44	CB 43 3RD
C		III	015	B.36	CB 169 HADRIANIC-ANTONINE
C		III	015	R.69	CCC 12 1ST-2ND
C		III	016	B.34	CB 191 HADRIANIC-ANTONINE
C		III	016	R.212	BC 57 2ND
C		III	021	O.265	DE 1 2ND-3RD
C		III	050A	B.5	CB 44 HADRIANIC-ANTONINE
C		III	059	O.142	DE 96 LATE 3RD-4TH
C		III	061	R.249	BE 25 1ST-EARLY 2ND
C		III	061	R.395	BC 63 1ST-2ND?
C		III	061A	O.281	DEA 131 4TH
C		III	061A	R.143	BC 19 LATE 1ST-EARLY 2ND
C		III	061A	R.223	*BC 137
C		III	062	R.234	BC 44 1ST-2ND?
C		IIIA	001	B.67	CB 23 2ND?
C		IIIA	001	R.268	BE 40 1ST-2ND?
C		IIIA	003	C.27	DO 4 C AD 150-150
C		IIIA	004A	O.243	*DK 9 1ST-2ND
C		IIIA	004A	R.362	BC 163 HADRIANIC-ANTONINE
C		IIIA	005	B.67	CB 23 2ND?
C		IIIA	005	O.285	DIA 11
C		IIIA	005	O.313	DEA 13 1ST-2ND
C		IIIA	005	O.85	DA 3
C		IIIA	005	R.474	BC 13
C		IIIA	007	CW.13	DW 42 4TH
C		IIIA	007	R.37	(GA 12) 2ND-4TH
C		IIIA	008	R.134	BC 35 EARLY 2ND?
C		IIIA	012	C.59	DF 18 AD 270-350
C		IIIA	020	O.265	DE 1 2ND-3RD
C		IIIA	020	W.49	EB 9 NERONIAN-FLAVIAN
C		IIIA	021	B.61	CB 89 ANTONINE-MID 4TH
C		IIIA	021	C.4	DHA 24 AD 240-400
C		IIIA	021	O.132	DE 136 2ND-4TH
C		IIIA	021	O.409	DE 135
C		IIIA	021	O.421	*DE 42 LATE 1ST-2ND
C		IIIA	021	R.324	BC 265 1ST?
C		IIIA	021	R.465	BC 265 2ND-4TH
C		IIIA	030	R.143	BC 19 LATE 1ST-EARLY 2ND
C		IIIA	032	C.5	DHA 41 AD 240-400
C		IIIA	032	O.6	DE 83 MID-2ND-MID-3RD
C		IIIA	033	O.265	DE 1 2ND-3RD
C		IIIA	033	R.143	BC 19 LATE 1ST-EARLY 2ND
C		IIIA	033	R.192	*BC 114 HADRIANIC-ANTONINE
C		IIIB	001	O.164	DEA 79 HADRIANIC-ANTONINE?

C	IIIB	001	O.244	DEA 41	
C	IIIB	001	O.265	DE 1	2ND-3RD
C	IIIB	001	R.355	BA 67	2ND
C	IIIC	001	B.21	CB 12	LATE 3RD-EARLY 4TH
C	IIIC	001	C.32	DF 12	
C	IIIC	001	R.104	GA 3	LATE 3RD ON
C	IIID	001	B.15	CB 85	2ND?
C	IIID	001	B.54	CB 84	EARLY-MID-4TH
C	IIID	001	R.109	GA 4	LATE 3RD ON
C	IIID	001	R.111	GA 5	LATE 3RD ON
C	IIID	001	R.42	GA 6	3RD-4TH
C	IIII	001	R.280	*BA 4	1ST-2ND?
C	IV	003	R.144	BD 22	LATE 1ST-EARLY 2ND
C	IV	003	R.253	*BC 131	1ST-2ND
C	IX	013	R.51-68	GC 7	
C	IXA	006	O.301	DE 61	1ST
C	IXA	011	R.154	*BC 42	LATE 1ST-EARLY 2ND
C	IXA	011	R.210	BC 334	2ND
C	IXA	011	R.212	BC 57	2ND
C	IXA	011	R.356	BC 14	2ND
C	IXA	012	R.109	GA 4	LATE 3RD ON
C	IXA	012	R.135	BC 39	LATE 1ST-EARLY 2ND
C	IXA	012	R.223	BA 57	
C	IXA	012	R.51	GC 42	1ST-2ND
C	IXA	013	B.11	CB 47	HADRIANIC- (ANTONINE)
C	IXA	013	B.5	CB 44	HADRIANIC-ANTONINE
C	IXA	013	O.129	DEA 142	1ST
C	IXA	013	O.131	DE 86	2ND-3RD
C	IXA	013	O.188	DEA 124	1ST-2ND?
C	IXA	013	O.212	DA 95	1ST
C	IXA	013	O.348	DE 19	LATE 2ND-3RD
C	IXA	013	O.407	DEA 125	EARLY-MID-2ND
C	IXA	013	O.85	DA 3	
C	IXA	013	R.143	BC 19	LATE 1ST-EARLY 2ND
C	IXA	013	R.154	*BC 42	LATE 1ST-EARLY 2ND
C	IXA	013	R.173	CT 36	HADRIANIC-ANTONINE
C	IXA	017	O.301	DE 61	1ST
C	IXA	017	O.85	DA 3	
C	IXA	018	O.85	DA 12	
C	IXA	018	R.177	BC 373	HADRIANIC-ANTONINE?
C	IXA	063	R.460	BC 262	
C	LIIB	001	O.369	DE 80	2ND-4TH
C	V	004	O.228	EH 26	
C	V	005	B.21	CB 247	LATE 3RD-EARLY 4TH
C	V	005	R.173	BC 52	HADRIANIC-ANTONINE
C	V	005	R.267	BE 49	1ST-2ND?
C	V	005	R.72	CCC 54	1ST-EARLY 2ND
C	V	019	O.98	DA 10	1ST-2ND
C	V	027	R.71	CCC 10	1ST-EARLY 2ND
C	V	030	O.281	DEA 131	4TH
C	V	030A	B.36	CB 169	HADRIANIC-ANTONINE
C	V	030A	B.57	CB 14	EARLY-MID-4TH
C	V	030A	R.52	GC 5	1ST-2ND
C	V	031	R.73	CCC 1	1ST-EARLY 2ND
C	V	045	R.295	BE 32	1ST-2ND?
C	V	048	O.202	DEA 380	2ND?
C	V	048	O.420	DW 57	LATE 1ST-2ND
C	V	048	R.132	BC 149	1ST
C	V	048	R.135	BC 187	LATE 1ST-EARLY 2ND
C	V	048	R.137	BC 148	LATE 1ST-EARLY 2ND
C	V	048	R.143	BC 185	LATE 1ST-EARLY 2ND
C	V	048	R.247	*BC 102	1ST-2ND?
C	V	048	R.356	BC 14	2ND

C	V	048	R.438	*BC 46	1ST-2ND?
C	V	053	B.67	CB 23	2ND?
C	V	053	O.265	DE 1	2ND-3RD
C	V	053	R.173	BC 52	HADRIANIC-ANTONINE
C	V	056	B.11	CB 47	HADRIANIC-(ANTONINE)
C	V	056	B.6	CB 87	LATE 2ND-EARLY 3RD
C	V	056	O.185	DEA 216	NERONIAN-FLAVIAN
C	V	056	O.265	DE 1	2ND-3RD
C	V	056	R.183	BC 399	HADRIANIC-ANTONINE
C	V	077	R.212	BC 57	2ND
C	V	077	R.35	*BC 85	1ST-2ND?
C	V	079	O.382	*DA 11	2ND-3RD?
C	V	079	O.84	DA 1	1ST-2ND
C	V	079	O.98	DA 10	1ST-2ND
C	VI	002	B.11	CB 47	HADRIANIC-(ANTONINE)
C	VI	002	B.44	CB 43	3RD
C	VI	002	B.67	CB 23	2ND?
C	VI	002	B.73	CB 92	LATE 2ND-MID-4TH
C	VI	002	O.265	DE 1	2ND-3RD
C	VI	002	R.104	GA 3	LATE 3RD ON
C	VI	015B	R.143	BC 19	LATE 1ST-EARLY 2ND
C	VI	020	B.20	CB 81	MID 3RD-EARLY 4TH
C	VI	021	R.119	BC 239	LATE 1ST-EARLY 2ND
C	VI	024A	B.44	CB 43	3RD
C	VI	024A	B.44	CB 43	3RD
C	VI	024A	B.50	CB 94	LATE 3RD-MID-4TH
C	VI	024A	O.132	DE 136	2ND-4TH
C	VI	024A	O.136	DEA 14	LATE 3RD-4TH
C	VI	032	B.5	CB 44	HADRIANIC-ANTONINE
C	VI	032	O.154	DIA 29	
C	VI	032	O.262	DA 42	2ND
C	VI	032	O.274	DEA 143	2ND-3RD
C	VI	032	O.313	DEA 384	1ST-2ND
C	VI	032	O.320	DS 9	1ST-2ND
C	VI	032	O.33	DE 389	
C	VI	032	O.342	DEA 367	2ND-3RD
C	VI	032	O.48	DA 52	
C	VI	032	R.119	BC 223	LATE 1ST-EARLY 2ND
C	VI	032	R.120	BC 323	LATE 1ST-EARLY 2ND
C	VI	032	R.122	BC 206	LATE 1ST-EARLY 2ND
C	VI	032	R.122	BC 217	LATE 1ST-EARLY 2ND
C	VI	032	R.122	BC 217	LATE 1ST-EARLY 2ND
C	VI	032	R.122	BC 355	LATE 1ST-EARLY 2ND
C	VI	032	R.123	BC 123	LATE 1ST-EARLY 2ND
C	VI	032	R.129	BC 38	LATE 1ST-EARLY 2ND
C	VI	032	R.135	BC 39	LATE 1ST-EARLY 2ND
C	VI	032	R.143	BC 208	LATE 1ST-EARLY 2ND
C	VI	032	R.143	3C 336	LATE 1ST-EARLY 2ND
C	VI	032	R.143	*BB 6	LATE 1ST-EARLY 2ND
C	VI	032	R.150	*BC 154	LATE 1ST-EARLY 2ND
C	VI	032	R.151	*BC 96	LATE 1ST-EARLY 2ND
C	VI	032	R.156	BG 32	LATE 1ST-EARLY 2ND
C	VI	032	R.156	BG 33	LATE 1ST-EARLY 2ND
C	VI	032	R.156	BG 34	LATE 1ST-EARLY 2ND
C	VI	032	R.167	BR 10	1ST-EARLY 2ND
C	VI	032	R.174	BC 346	HADRIANIC-ANTONINE
C	VI	032	R.193	BD 73	HADRIANIC-ANTONINE
C	VI	032	R.24	BG 122	1ST-2ND
C	VI	032	R.320	BC 116	1ST?
C	VI	032	R.324	BE 70	1ST?
C	VI	032	R.34	BG 144	
C	VI	032	R.376	*BC 92	HADRIANIC-ANTONINE
C	VI	032	R.393	CCC 11	2ND-4TH

C	VI	032	R.393	COC 11	2ND-4TH
C	VI	032	R.460	BE 75	
C	VI	032	R.475	*BK 3	
C	VI	032	R.482	CT 37	
C	VI	032	R.69	COC 12	1ST-2ND
C	VI	032A	B.12	CB 206	EARLY 3RD
C	VI	032A	R.143	BC 19	LATE 1ST-EARLY 2ND
C	VI	032A	R.173	CT 36	HADRIANIC-ANTONINE
C	VI	032A	R.208	BC 350	
C	VI	032A	R.460	BC 275	
C	VI	032A	R.71	COC 10	1ST-EARLY 2ND
C	VI	037A	B.34	CB 5	HADRIANIC-ANTONINE
C	VI	040	R.143	BC 19	LATE 1ST-EARLY 2ND
C	VI	042	B.27	CB 133	4TH?
C	VI	042	B.44	CB 43	3RD
C	VI	042	B.49	CB 4	LATE 3RD-MID-4TH
C	VI	042	R.143	BC 19	LATE 1ST-EARLY 2ND
C	VI	042B	R.343	BC 315	1ST
C	VI	071	B.5	CB 44	HADRIANIC-ANTONINE
C	VI	071	R.234	BC 44	1ST-2ND?
C	VI	078A	R.143	BC 19	LATE 1ST-EARLY 2ND
C	VI	078D	O.24E	DE 109	
C	VI	086	O.197	DE 99	FLAVIAN?
C	VI	086	O.378	DE A 155	2ND?
C	VI	086	R.10	BC 81	
C	VI	086	R.120	BC 81	LATE 1ST-EARLY 2ND
C	VI	086	R.143	BC 19	LATE 1ST-EARLY 2ND
C	VI	086	R.280	*BA 4	1ST-2ND?
C	VI	095	B.11	CB 47	HADRIANIC-(ANTONINE)
C	VI	095	R.143	BC 19	LATE 1ST-EARLY 2ND
C	VI	095	R.193	BD 73	HADRIANIC-ANTONINE
C	VI	095	R.200	*BC 80	HADRIANIC-ANTONINE
C	VI	095	R.356	BC 97	2ND
C	VI	098	R.342	BB 16	2ND
C	VI	101	R.133	BC 30	1ST
C	VI	101	R.143	BC 19	LATE 1ST-EARLY 2ND
C	VI	101	R.212	BC 57	2ND
C	VI	105	O.119	*DA 14	1ST-3RD
C	VI	105	R.237	BC 69	1ST-2ND
C	VI	105	R.282	*BC 1	1ST-2ND?
C	VI	105	R.479	*BC 100	
C	VI	105	R.71	COC 10	1ST-EARLY 2ND
C	VI	105	R.71	COC 10	1ST-EARLY 2ND
C	VI	120	R.129	BC 38	LATE 1ST-EARLY 2ND
C	VI	120	R.143	BC 19	LATE 1ST-EARLY 2ND
C	VI	120	R.144	*BC 20	LATE 1ST-EARLY 2ND
C	VI	125	O.185	DEA 167	NERONIAN-FLAVIAN
C	VI	125	O.185	DEA 167	NERONIAN-FLAVIAN
C	VI	126	B.21	CB 55	LATE 3RD-EARLY 4TH
C	VI	126	R.143	BC 19	LATE 1ST-EARLY 2ND
C	VI	126	R.324	BC 259	1ST?
C	VI	126A	R.457	BA 62	1ST-2ND
C	VI	135	O.297	DE 340	1ST-2ND
C	VI	135	R.56	GC 6	1ST-2ND
C	VI	166	B.57	CB 14	EARLY-MID-4TH
C	VI	168	B.16	CB 91	2ND
C	VI	32	R.367	*BC 92	HADRIANIC-ANTONINE
C	VIA	002A	B.11	CB 47	HADRIANIC-(ANTONINE)
C	VIA	002A	B.50	CB 94	LATE 3RD-MID-4TH
C	VIA	002A	B.67	CB 23	2ND?
C	VIA	002A	O.257	FB 1	
C	VIA	032A	R.78	COC 3	1ST-EARLY 2ND
C	VIA	033	R.143	BC 109	LATE 1ST-EARLY 2ND

C	VIA	044	0.416	DW 9
C	VIA	045	B.44	CB 43 3RD
C	VIA	053C	R.143	BC 109 LATE 1ST-EARLY 2ND
C	VIA	101	R.471	CT 19 1ST
C	VIA	118	R.143	BC 19 LATE 1ST-EARLY 2ND
C	VIA	131	R.143	BC 19 LATE 1ST-EARLY 2ND
C	VIA	131	R.275	BA 74 1ST-2ND?
C	VIA	137	R.35	BK 19 1ST-2ND?
C	VIA	140	0.301	DE 170 1ST
C	VIA	140	0.455	DA 107
C	VIA	165	B.9	CB 69 HADRIANIC-(ANTONINE)
C	X	004	R.144	*BC 20 LATE 1ST-EARLY 2ND
C	X	040	0.323	DEA 172 MID-1ST-LATE 2ND
C	X	040	R.10	BC 81
C	X	040	R.120	BC 81 LATE 1ST-EARLY 2ND
C	X	040	R.130	BC 45 LATE 1ST-EARLY 2ND
C	X	040	R.254	BC 101 1ST-2ND
C	X	040	R.26	*BF 23 1ST-2ND?
C	X	040	R.291	BB 29 1ST-2ND?
C	X	041	0.61	DE 27
C	X	041	0.85	DA 3
C	X	041	R.100	CCE 7 2ND ON
C	X	041	R.119	BC 86 LATE 1ST-EARLY 2ND
C	X	041	R.122	BC 53 LATE 1ST-EARLY 2ND
C	X	041	R.125	BC 120 LATE 1ST-EARLY 2ND
C	X	041	R.125	BC 120 LATE 1ST-EARLY 2ND
C	X	044	0.199	DE 119 FLAVIAN?
C	XIX	001	R.392	CCC 9
C	XIX	010	R.143	BC 19 LATE 1ST-EARLY 2ND
C	XIX	010	R.160	*BC 103 LATE 1ST-EARLY 2ND
C	-	IIIA	B.73	CB 92 LATE 2ND-MID-4TH
C	-	IIIA	CW.16	DM 28 LATE 2ND ON
C	-	IIIA	R.435	GA 13 4TH
C	IX	VIA	021	B.6
C	IX	VIA	021	B.73
C	IX	VIA	021	0.265
C	IX	VIA	021	R.130
C	IX	VIA	021	R.133
C	IX	VIA	021	R.14
C	IX	VIA	021	R.143
C	IX	VIA	021	R.143
C	IX	VIA	021	R.153
C	IX	VIA	021	R.161
C	IX	VIA	021	R.231
C	IX	VIA	021	R.299
C	IX	VIA	021	R.320
C	IX	VIA	021	R.37
C	IX	VIA	021	R.420
C	IX+	VIA	042B	0.365
C	IX+	VIA	042B	0.85
C	IX+	VIA	042B	R.142
C	IX+	VIA	042B	R.143
C	IX+	VIA	042B	R.331
C	IX+	VIA	042B	R.473
C	IX+	VIA	042C	0.215
C	IX+	VIA	042C	R.119
C	IX+	VIA	042C	R.143
C	IX+	VIA	042C	R.143
C	IX+	VIA	042C	R.146
C	IX+	VIA	042C	R.212
C	IX+	VIA	065	R.143
C	IX+	VIA	065	R.320
C	IX+	VIA	070	R.143
				BC 19 LATE 1ST-EARLY 2ND

C	IX+	VIA	071	R.143	BC 19	LATE 1ST-EARLY 2ND
Ce		II	001	B.50	CB 94	LATE 3RD-MID-4TH
Ce		II	001	B.50	CB 94	LATE 3RD-MID-4TH
Ce		II	001	O.142	DE 96	LATE 3RD-4TH
Ce		II	001	O.146	DE 78	LATE 3RD-4TH
Ce		II	001	O.166	DEA 77	2ND-3RD
Ce		II	001	O.265	DE 1	2ND-3RD
Ce		II	001	O.365	DA 76	2ND-4TH
Ce		II	001	R.205	CT 11	HADRIANIC-ANTONINE
Ce		II	001	R.35	*BD 6	1ST-2ND?
Ce		II	001	R.376	BG 8	HADRIANIC-ANTONINE
Ce		II	001	R.52	GC 5	1ST-2ND
Ce		II	005	O.172	DE 81	
Ce		II	011	R.143	BC 19	LATE 1ST-EARLY 2ND
Ce		II	011	R.163	*BC 17	LATE 1ST-EARLY 2ND
Ce		II	012	O.456	DEA 6	
Ce		II	015	B.39	CB 70	HADRIANIC ...ONINE
Ce		II	015	O.126	DEA 67	
Ce		II	015	O.180	DE 111	2ND
Ce		II	015	O.228	DE 15	
Ce		II	021	B.11	CB 47	HADRIANIC-(ANTONINE)
Ce		II	021	B.61	CB 89	ANTONINE-MID 4TH
Ce		II	021	O.265	DE 1	2ND-3RD
Ce		II	021	O.281	DEA 131	4TH
Ce		II	021	R.200	*BC 80	HADRIANIC-ANTONINE
Ce		II	032	R.324	BC 210	1ST?
Ce		II	113	B.11	CB 47	HADRIANIC-(ANTONINE)
Ce		II	113	O.126	DEA 67	
Ce		II	125	O.315	DX 81	1ST-2ND
Ce		II	135	O.219	FD 1	1ST
Ce		II	135	R.35	BK 20	1ST-2ND?
Ce	I	VI	102	O.386	DIA 66	2ND
Ce	I	VI	102	R.115	*BK 14	LATE 1ST-EARLY 2ND
Ce	I	VI	102	R.143	BC 19	LATE 1ST-EARLY 2ND
Ce	I	VI	103	O.85	DA 3	
Ce	I	VI	103	R.143	BC 19	LATE 1ST-EARLY 2ND
Ce	I	VI	106	O.413	DW 11	MID-1ST-MID-2ND
Ce	I	VI	115	O.126	DEA 67	
Ce	I	VI	115	R.135	BC 39	LATE 1ST-EARLY 2ND
Ce	II	VI	074	B.9	CB 69	HADRIANIC-(ANTONINE)
Ce	II	VI	074	O.301	DE 61	1ST
Ce	II	VI	074	R.143	BC 19	LATE 1ST-EARLY 2ND
Ce	II	VI	074	R.149	BE 36	1ST
Ce	II	VI	078	O.330	DEA 157	MID 1ST-LATE 2ND
Ce	II	VI	078	O.429	DEA 162	1ST
Ce	II	VI	078	R.119	BC 377	LATE 1ST-EARLY 2ND
Ce	II	VI	078	R.143	BC 19	LATE 1ST-EARLY 2ND
Ce	II	VI	078	R.249	BC 67	1ST-EARLY 2ND
Ce	II	VI	078	R.252	BE 12	1ST-2ND
Ce	II	VI	078B	O.420	DW 57	LATE 1ST-2ND
Ce	II	VI	078B	R.143	BC 19	LATE 1ST-EARLY 2ND
Ce	II	VI	078B	R.278	BC 234	1ST-2ND?
Ce	II	VI	081	B.16	CB 91	2ND
Ce	II	VI	081	O.427	DA 15	
Ce	II	VI	081	O.98	DA 10	1ST-2ND
Ce	II	VI	093	O.417	DW 69	LATE 1ST-2ND
Ce	II	VI	093	R.137	BC 148	LATE 1ST-EARLY 2ND
Ce	II	VI	093	R.143	BC 19	LATE 1ST-EARLY 2ND
Ce	II	VI	093	R.144	*BC 20	LATE 1ST-EARLY 2ND
Ce	II	VI	093	R.260	BC 87	1ST-2ND?
Ce	II	VI	093	R.285	BG 117	1ST-2ND?
Ce	II	VI	108	R.143	BC 19	LATE 1ST-EARLY 2ND
Ce	II	VIA	078	R.143	BC 19	LATE 1ST-EARLY 2ND

Ce	II	VIA	078	R.311	*BC 129 1ST-2ND
Ce	II	VIA	078	R.460	BC 273.
Ce	II	VIA	086	O.174	*D8 5 2ND
Ce	II	VIA	086	O.231	DEA 158 1ST?
Ce	II	VIA	086	R.133	BC 30 1ST
Ce	II	VIA	090	C.61	DF 52 AD 240-400
Ce	II	VIA	093	R.143	BC 19 LATE 1ST-EARLY 2ND
Ce	II	VIA	103	B.74	CB 2 LATE 2ND-MID-4TH
Ce	II	VIA	103	R.143	BC 19 LATE 1ST-EARLY 2ND
Ce	III	VI	107	R.143	BC 19 LATE 1ST-EARLY 2ND
Ce	III	VIA	085	R.123	BC 123 LATE 1ST-EARLY 2ND
Ce	III	VIA	085	R.133	BC 285 1ST
Ce	III	VIA	085	R.143	BC 19 LATE 1ST-EARLY 2ND
Ce	III	VIA	085	R.197	BE 51 HADRIANIC-ANTONINE
Ce	III?	VI	131	C.21	DT 5 LATE 1ST-MID-2ND
Ce	III?	VI	131	R.135	BC 39 LATE 1ST-EARLY 2ND
Ce	III?	VI	131	R.143	BC 19 LATE 1ST-EARLY 2ND
Ce	III?	VI	133	O.325	DA 29 MID-1ST-LATE 2ND
Ce	III?	VI	133	R.427	BB 13 2ND
Ce	III?	VI	134	R.143	BC 19 LATE 1ST-EARLY 2ND
Ce	IV	VI	026	O.162	DE 102 HADRIANIC-ANTONINE
Ce	IV	VI	026	R.125	BC 120 LATE 1ST-EARLY 2ND
Ce	IV	VI	043	B.20	CB 80 MID 3RD-EARLY 4TH
Ce	IV	VI	043	O.265	DE 1 2ND-3RD
Ce	IV	VI	043	R.123	BC 123 LATE 1ST-EARLY 2ND
Ce	IV	VI	043	R.160	*BC 103 LATE 1ST-EARLY 2ND
Ce	IV	VI	046A	R.143	BC 19 LATE 1ST-EARLY 2ND
Ce	IV	VI	046A	R.192	*BC 114 HADRIANIC-ANTONINE
Ce	IV	VI	046A	R.225	BB 10 1ST-EARLY 2ND
Ce	IV	VI	050	R.394	*BC 105 LATE 1ST-EARLY 2ND
Ce	IV	VI	055	O.198	DE 133 FLAVIAN?
Ce	IV	VI	055	O.288	DZ 8 1ST-3RD
Ce	IV	VI	055	O.313	DEA 13 1ST-2ND
Ce	IV	VI	055	R.12	BC 150
Ce	IV	VI	055	R.430	BC 413 HADRIANIC-ANTONINE
Ce	IV	VI	059	R.143	BC 19 LATE 1ST-EARLY 2ND
Ce	IV	VI	059	R.395	BC 63 1ST-2ND?
Ce	IV	VI	060	R.143	BC 19 LATE 1ST-EARLY 2ND
Ce	IV	VI	060	R.427	BB 13 2ND
Ce	IV	VI	069	O.42	DEA 151
Ce	IV	VI	069	O.51	DE 150 2ND-3RD
Ce	IV	VI	079	R.119	BC 86 LATE 1ST-EARLY 2ND
Ce	IV	VI	079	R.135	BC 39 LATE 1ST-EARLY 2ND
Ce	IV	VI	079	R.143	BC 19 LATE 1ST-EARLY 2ND
Ce	IV	VI	079	R.9	*BA 1 1ST-2ND
Ce	IV	VIA	062	R.184	BC 72 HADRIANIC-ANTONINE
Ce	IV	VIA	063	R.143	BC 19 LATE 1ST-EARLY 2ND
Ce	IV	VIA	063	R.173	BC 52 HADRIANIC-ANTONINE
Ce	IV	VIA	068	R.143	BC 50 LATE 1ST-EARLY 2ND
Ce	IV	VIA	068	R.347	BC 368 1ST (-2ND)
Ce	IX	VI	004	B.20	CB 80 MID 3RD-EARLY 4TH
Ce	IX	VI	004	B.44	CB 43 3RD
Ce	IX	VI	004	O.265	DE 1 2ND-3RD
Ce	IX	VI	004	O.313	DEA 13 1ST-2ND
Ce	IX	VI	004	R.144	*BC 20 LATE 1ST-EARLY 2ND
Ce	IX	VI	004	R.8	BA 86 1ST-2ND
Ce	IX	VIA	010	C.41	DH 48
Ce	IX	VIA	010	C.69	DF 49 LATE 3RD-4TH
Ce	IX	VIA	010	O.150	DE 154 4TH
Ce	IX	VIA	012	R.111	GA 5 LATE 3RD ON
Ce	IX	VIA	018	B.67	CB 23 2ND?
Ce	IX	VIA	019	B.23	CB 102 3RD?
Ce	IX	VIA	019	O.281	DEA 131 4TH

Ce IX	VIA	022	B.73	CB 92	LATE 2ND-MID-4TH
Ce IX	VIA	024	R.466	BC 132	2ND-4TH
Ce IX	VIA	024	R.466	BC 132	2ND-4TH
Ce IX	VIA	027	R.321	BB 47	2ND
Ce IX	VIA	052	CW.5	DM 29	LATE 3RD-4TH
Ce IX	VIA	053	O.265	DE 1	2ND-3RD
Ce IX	VIA	053	R.143	BC 19	LATE 1ST-EARLY 2ND
Ce IX	VIA	053	R.283	BG 118	1ST-2ND?
Ce IX	VIA	053	R.297	*BC 47	1ST-2ND?
Ce V	VI	036	C.77	DF 54	.
Ce V	VI	036	R.125	BC 120	LATE 1ST-EARLY 2ND
Ce V	VI	036	R.143	BC 19	LATE 1ST-EARLY 2ND
Ce V	VI	036	R.178	BC 111	HADRIANIC-ANTONINE
Ce V	VI	036	R.324	BC 8	1ST?
Ce VI	VI	054	O.166	DEA 77	2ND-3RD
Ce VI	VI	054	R.113	*BC 118	LATE 1ST-EARLY 2ND
Ce VI	VI	087	O.119	*DA 14	1ST-3RD
Ce VI	VI	087	O.274	DEA 143	2ND-3RD
Ce VI	VIA	082	R.123	BC 123	LATE 1ST-EARLY 2ND
Ce VI	VIA	096	O.286	DM 1	LATE 2ND-3RD
Ce VI	VIA	096	R.143	BC 19	LATE 1ST-EARLY 2ND
Ce VI	VIA	096	R.161	*BC 95	LATE 1ST-EARLY 2ND
Ce VI	VIA	096	R.192	*BC 114	HADRIANIC-ANTONINE
Ce VI	VIA	096	R.283	*BC 144	1ST-2ND?
Ce VI	VIA	106	O.413	DM 11	MID-1ST-MID-2ND
Ce VI/VIII	VIA	073	O.408	DV 1	
Ce VI/VIII	VIA	073	O.76	DU 1	2ND-3RD
Ce VII	VI	008	O.260	DM 8	1ST-2ND?
Ce VII	VI	024	B.15	CB 85	2ND?
Ce VII	VI	024	B.21	CB 12	LATE 3RD-EARLY 4TH
Ce VII	VI	024	B.44	CB 43	3RD
Ce VII	VI	024	B.74	CB 2	LATE 2ND-MID-4TH
Ce VII	VI	024	C.40	DHA 17	AD 240-400
Ce VII	VI	024	C.63	DF 16	AD 240-400
Ce VII	VI	024	O.143	DE 113	LATE 3RD-4TH
Ce VII	VI	024	O.150	DE 36	4TH
Ce VII	VI	024	O.198	DE 133	FLAVIAN?
Ce VII	VI	024	O.281	DEA 131	4TH
Ce VII	VI	024	O.313	DEA 13	1ST-2ND
Ce VII	VI	024	O.366	DE 132	2ND-3RD
Ce VII	VI	027	B.11	CB 47	HADRIANIC-(ANTONINE)
Ce VII	VI	027	B.21	CB 12	LATE 3RD-EARLY 4TH
Ce VII	VI	027	O.198	DEA 134	FLAVIAN?
Ce VII	VI	027	O.265	DE 1	2ND-3RD
Ce VII	VI	027	R.173	BC 52	HADRIANIC-ANTONINE
Ce VII	VI	027	R.453	BC 255	1ST-2ND
Ce VII	VI	037	B.39	CB 70	HADRIANIC-ANTONINE
Ce VII	VI	037	B.44	CB 43	3RD
Ce VII	VI	037	B.61	CB 89	ANTONINE-MID 4TH
Ce VII	VI	037	O.223	*DE 99	LATE 1ST-MID 2ND
Ce VII	VI	037	O.25	DEA 128	2ND?
Ce VII	VI	037	O.265	DE 1	2ND-3RD
Ce VII	VI	037	O.313	DEA 13	1ST-2ND
Ce VII	VI	037	O.386	DE 129	2ND
Ce VII	VI	037	O.403	DE 23	
Ce VII	VI	037	O.431	DEA 130	1ST-EARLY 2ND
Ce VII	VI	037	O.456	DEA 123	
Ce VII	VI	037	R.151	BG 131	LATE 1ST-EARLY 2ND
Ce VII	VI	037	R.160	*BC 103	LATE 1ST-EARLY 2ND
Ce VII	VI	037	R.175	BC 126	HADRIANIC-ANTONINE
Ce VII	VI	037	R.230	BC 113	2ND
Ce VII	VI	037	R.231	BC 15	2ND
Ce VII	VI	037	R.358	BC 127	HADRIANIC-ANTONINE

0	I	026	B.5	CB 44	HADRIANIC-ANTONINE
0	I	028	O.243	*DK 9	1ST-2ND
0	I	031	B.34	CB 191	HADRIANIC-ANTONINE
0	I	031	B.5	CB 44	HADRIANIC-ANTONINE
0	I	033A	R.169	*BE 3	HADRIANIC-ANTONINE
0	I	033A	W.24	ED 17	EARLY-MID-1ST
0	I	036	O.231	DEA 69	1ST?
0	I	036	O.301	DE 61	1ST
0	I	036	O.88	DA 7	1ST-2ND
0	I	036	R.292	BC 369	1ST-2ND?
0	I	040	R.119	BC 239	LATE 1ST-EARLY 2ND
0	I	049	O.150	DE 66	4TH
0	I	049	R.127	BC 43	LATE 1ST-EARLY 2ND
0	I	049	R.356	BC 76	2ND
0	I	051	R.282	*BC 1	1ST-2ND?
0	I	053	B.41	CB 60	ANTONINE
0	I	053	B.41	CB 60	ANTONINE
0	I	053	B.44	CB 43	3RD
0	I	053	R.263	BC 391	1ST-2ND?
0	I	059	O.265	DE 1	2ND-3RD
0	I	059	R.127	BC 43	LATE 1ST-EARLY 2ND
0	I	059	R.151	BG 131	LATE 1ST-EARLY 2ND
0	I	059	R.154	*BC 42	LATE 1ST-EARLY 2ND
0	I	059	R.190	*BC 16	HADRIANIC-ANTONINE
0	I	059	R.399	BG 106	1ST-2ND
0	I	059	R.401	BG 37	1ST-2ND
0	I	059A	O.409	DEA 60	
0	I	059A	R.143	BC 19	LATE 1ST-EARLY 2ND
0	I	059A	R.248	BC 65	1ST-2ND?
0	I	059A	R.326	BG 135	1ST?
0	I	059A	R.460	BE 27	
0	I	061	B.9	CB 69	HADRIANIC-(ANTONINE)
0	I	066	B.9	CB 69	HADRIANIC-(ANTONINE)
0	I	066	R.237	BC 69	1ST-2ND
0	I	066	R.237	BC 69	1ST-2ND
0	I	067	O.265	DE 1	2ND-3RD
0	I	067	O.450	DE 36	
0	I	067	R.296	BE 103	1ST-2ND?
0	I	085	R.160	BG 132	LATE 1ST-EARLY 2ND
0	I	085	R.160	*BC 103	LATE 1ST-EARLY 2ND
0	I	085	R.281	*BC 99	1ST-2ND?
0	I	085	R.382	BC 5	1ST-EARLY 2ND
0	I	089	R.181	BC 134	HADRIANIC-ANTONINE
0	I	089	R.322	BC 134	1ST-2ND
0	I	092	O.265	DE 1	2ND-3RD
0	I	092	R.143	BC 19	LATE 1ST-EARLY 2ND
0	I	092	R.73	CCC 1	1ST-EARLY 2ND
0	I	092	R.89	CCC 15	ANTONINE
0	I	095	O.265	DE 1	2ND-3RD
0	I	095	O.326	DEA 48	MID 1ST-LATE 2ND
0	I	095	R.143	BC 19	LATE 1ST-EARLY 2ND
0	I	095	R.231	BC 15	2ND
0	I	095	R.397	*EK 1	
0	I	109	B.34	CB 100	HADRIANIC-ANTONINE
0	I	109	O.265	DE 1	2ND-3RD
0	I	109	R.125	BC 120	LATE 1ST-EARLY 2ND
0	I	109	R.183	*EK 13	HADRIANIC-ANTONINE
0	I	110	B.21	CB 12	LATE 3RD-EARLY 4TH
0	I	110	B.65	CB 15	ANTONINE-EARLY 3RD
0	I	110	R.127	BC 43	LATE 1ST-EARLY 2ND
0	I	110	R.134	BC 189	EARLY 2ND?
0	I	110	R.143	BC 109	LATE 1ST-EARLY 2ND
0	I	110	R.238	BC 117	1ST?

222	I	110	R.249	BC 402	1ST-EARLY 2ND
222	I	110	R.446	CT 3	1ST-3RD
222	IA	013	O.71	DEA 8	2ND-4TH
222	IB	002	O.172	DE 81	
222	IC	015	B.39	CB 70	HADRIANIC-ANTONINE
222	I	VI	O.171	DS 1	2ND
222	I	VI	R.123	BC 123	LATE 1ST-EARLY 2ND
222	I	VI	R.125	BC 120	LATE 1ST-EARLY 2ND
222	I	VI	R.143	BC 19	LATE 1ST-EARLY 2ND
222	I	VI	R.173	CT 36	HADRIANIC-ANTONINE
222	I	VI	R.213	BC 326	2ND
222	I	VI	R.231	BC 15	2ND
222	I	VI	R.391	CCC 2	HADRIANIC-ANTONINE
222	I	VI	R.395	BC 63	1ST-2ND?
222	I	VI	R.86		ANTONINE
222	I/II	I	O.26	DEA 145	LATE 1ST-EARLY 2ND
222	I/II	I	R.189	BC 98	HADRIANIC-ANTONINE
222	I/II	I	W.3	EB 12	LATE 1ST-EARLY 2ND
222	II	IC	R.143	BC 19	LATE 1ST-EARLY 2ND
222	II	IC	R.320	BC 116	1ST?
222	II	VIA	O.420	DW 57	LATE 1ST-2ND
222	II	VIA	R.143	BC 19	LATE 1ST-EARLY 2ND
222	III	I	O.265	DE 1	2ND-3RD
222	III	I	R.184	BC 72	HADRIANIC-ANTONINE
222	III	I	R.205	CT 11	HADRIANIC-ANTONINE
222	III	I	R.264	BC 71	1ST-2ND?
222	III	I	R.175	*BF 25	HADRIANIC-ANTONINE
222	III	I	R.243	*BC 157	1ST-2ND
222	III	IA	O.406	DEA 149	
222	III	IA	O.81	DE 27	LATE 1ST-MID-2ND
222	III	IA	R.115	BC 400	LATE 1ST-EARLY 2ND
222	III	IA	R.115	*BK 14	LATE 1ST-EARLY 2ND
222	III	VI	O.223	FA 1	LATE 1ST-MID 2ND
222	III	VI	O.327	DEA 156	MID-1ST-LATE 2ND
222	III	VI	O.330	DEA 157	MID 1ST-LATE 2ND
222	III	VI	O.341	DE 429	2ND-3RD
222	III	VI	O.380	DEA 160	MID-2ND-EARLY 3RD
222	III	VI	R.143	BC 19	LATE 1ST-EARLY 2ND
222	IV	VIA	R.254	BC 101	1ST-2ND
222	IV	VIA	R.441	*BC 119	2ND-3RD?
222	IV	VIA	O.85	DA 12	
222	IV	VIA	R.143	BC 128	LATE 1ST-EARLY 2ND
222	IV	VIA	R.160	*BC 103	LATE 1ST-EARLY 2ND
222	IV	VIA	R.471	CT 19	1ST
222	IV	VIA	O.239	DEA 168	1ST
222	IV	VIA	R.143	BC 19	LATE 1ST-EARLY 2ND
222	IV	VIA	R.150	BE 37	LATE 1ST-EARLY 2ND
222	IX	VIA	O.274	DEA 143	2ND-3RD
222	IX	VIA	O.456	DE 263	
222	IX	VIA	B.44	CB 43	3RD
222	IX	VIA	R.143	BC 19	LATE 1ST-EARLY 2ND
222	V	IA	O.265	DE 1	2ND-3RD
222	V	IA	O.406	DEA 149	
222	V	IC	R.143	BC 19	LATE 1ST-EARLY 2ND
222	V	VI	B.11	CE 47	HADRIANIC-(ANTONINE)
222	V	VI	R.113	*BC 118	LATE 1ST-EARLY 2ND
222	V	VI	R.143	BC 19	LATE 1ST-EARLY 2ND
222	V	VI	R.173	CT 36	HADRIANIC-ANTONINE
222	V	VI	R.479	*BC 78	
222	V	VIA	B.61	CB 89	ANTONINE-MID 4TH
222	V	VIA	B.9	CB 69	HADRIANIC-(ANTONINE)
222	V	VIA	O.286	DW 1	LATE 2ND-3RD
222	V	VIA	R.331	*BC 90	2ND-3RD

Q	V	VIA	094	R.125	BC 192	LATE 1ST-EARLY 2ND
Q	V	VIA	094	R.143	BC 19	LATE 1ST-EARLY 2ND
Q	V	VIA	094	R.454	BC 147	1ST-2ND
Q	V	VIA	098	R.123	BC 123	LATE 1ST-EARLY 2ND
Q	V	VIA	098	R.151	BG 131	LATE 1ST-EARLY 2ND
Q	V	VIA	098	R.442	BC 395	
Q	V	VIA	098	W.35	EB 13	
Q	V	VIA	099	B.41	CB 60	ANTONINE
Q	V	VIA	099	O.26	DEA 145	LATE 1ST-EARLY 2ND
Q	V	VIA	099	R.143	BC 19	LATE 1ST-EARLY 2ND
Q	V	VIA	107	O.189	DEA 169	
Q	V	VIA	107	R.113	*BC 118	LATE 1ST-EARLY 2ND
Q	V	VIA	107	R.125	BC 120	LATE 1ST-EARLY 2ND
Q	V	VIA	107	R.137	BC 148	LATE 1ST-EARLY 2ND
Q	V	VIA	107	R.143	BC 19	LATE 1ST-EARLY 2ND
Q	V	VIA	107	R.143	BC 109	LATE 1ST-EARLY 2ND
Q	V	VIA	107	R.262	BU 9	1ST-2ND?
Q	V	VIA	107	R.382	BC 151	1ST-EARLY 2ND
Q	V	VIA	107	R.42	GA 6	3RD-4TH
Q	V	VIA	107	R.471	CT 19	1ST
Q	V	VIA	115	R.123	BC 123	LATE 1ST-EARLY 2ND
Q	V	VIA	115	R.143	BC 19	LATE 1ST-EARLY 2ND
Q	V	VIA	115	R.471	CT 19	1ST
Q	V	VIA	117	R.143	BC 19	LATE 1ST-EARLY 2ND
Q	V	VIA	119	R.143	BC 19	LATE 1ST-EARLY 2ND
Q	V	VIA	121	O.239	DEA 168	1ST
Q	VI	IC	016	B.67	CB 23	2ND?
Q	VI	IC	016	R.374	BE 90	HADRIANIC-ANTONINE
Q	VI	VI	011	R.129	BC 38	LATE 1ST-EARLY 2ND
Q	VI	VI	011	R.170	BA 59	HADRIANIC-ANTONINE
Q	VI	VI	012	O.146	DE 9	LATE 3RD-4TH
Q	VI	VI	012A	B.44	CB 43	3RD
Q	VI	VI	012A	C.34	DH 40	MID 4TH ON
Q	VI	VI	012A	C.76	DTA 12	
Q	VI	VI	012A	C.77	DTA 9	
Q	VI	VI	016B	B.21	CB 12	LATE 3RD-EARLY 4TH
Q	VI	VIA	034	R.285	BG 117	1ST-2ND?
Q	VI	VIA	034	R.290	BA 63	1ST-2ND?
Q	VI	VIA	105	B.21	CB 55	LATE 3RD-EARLY 4TH
Q	VI	VIA	105	R.143	BC 19	LATE 1ST-EARLY 2ND
Q	VI	VIA	105	R.479	BG 148	
D	I	I	001	O.274	DEA 143	2ND-3RD
D	I	I	001A	B.38	CB 105	
D	I	I	001A	O.147	DE 393	LATE 3RD-4TH
D	I	I	001A	O.265	DE 1	2ND-3RD
D	I	I	001A	O.367	DE 182	2ND-4TH
D	I	I	001A	R.123	BC 123	LATE 1ST-EARLY 2ND
D	I	I	001A	R.143	BC 19	LATE 1ST-EARLY 2ND
D	I	I	001A	R.71	CCC 10	1ST-EARLY 2ND
D	I	I	018	B.39	CB 70	HADRIANIC-ANTONINE
D	I	I	018	O.293	*CH 25	1ST?
D	I	I	018	R.125	BC 120	LATE 1ST-EARLY 2ND
D	I	I	018	R.265	*BE 43	1ST-2ND?
D	I	I	018	R.391	CCC 2	HADRIANIC-ANTONINE
D	I	I	028	B.44	CB 43	3RD
D	I	I	028	B.56	CB 20	EARLY-MID-4TH
D	I	I	028	B.67	CB 23	2ND?
D	I	I	028	R.52	GC 5	1ST-2ND
D	I	I	028	R.58	GC 44	1ST-2ND
D	I	I	02A	B.40	CB 134	HADRIANIC-ANTONINE
D	I	I	032	R.122	*BE 76	LATE 1ST-EARLY 2ND
D	I	I	032	R.125	BC 120	LATE 1ST-EARLY 2ND
D	I	I	037	R.151	*BC 96	LATE 1ST-EARLY 2ND

D	I	048	B.11	CB 47	HADRIANIC--(ANTONINE)
D	I	048	B.3	CB 110	HADRIANIC-ANTONINE
D	I	048	O.198	*DW 22	FLAVIAN?
D	I	048	O.285	DIA 11	
D	I	048	O.347	DE 186	3RD
D	I	061	O.119	*DA 14	1ST-3RD
D	I	073	B.11	CB 47	HADRIANIC--(ANTONINE)
D	I	073	R.143	BC 19	LATE 1ST-EARLY 2ND
D	I	073	R.205	CT 11	HADRIANIC-ANTONINE
D	I	073	R.52	GC 5	1ST-2ND
D	I	083	B.39	CB 70	HADRIANIC-ANTONINE
D	I	083	O.274	DEA 143	2ND-3RD
D	I	087A	B.67	CB 23	2ND?
D	I	087A	O.136	DEA 14	LATE 3RD-4TH
D	I	087A	O.149	DE 224	LATE 3RD-4TH
D	I	087A	O.358	DE 2	LATE 3RD-4TH
D	I	087A	O.53	DE 249	1ST-3RD
D	I	087A	R.278	*BF 82	1ST-2ND?
D	I	087B	B.67	CB 23	2ND?
D	I	087B	O.381	*DE 4	1ST-2ND?
D	I	087C	B.44	CB 43	3RD
D	I	087C	O.136	DEA 14	LATE 3RD-4TH
D	I	087D	B.44	CB 43	3RD
D	I	087D	O.274	DEA 143	2ND-3RD
D	I	087D	O.367	DE 182	2ND-4TH
D	I	089	O.146	DE 286	LATE 3RD-4TH
D	I	089	O.158	CH 9	
D	I	089	O.233	*CH 36	1ST?
D	I	089	O.285	DI 53	
D	I	089	R.88	CCC 7	ANTONINE
D	I	089	R.89	CCC 15	ANTONINE
D	I	089	W.1	AB 13	1ST
D	I	089	W.23	EB 36	
D	I	090	B.72	CB 249	LATE 2ND-MID-4TH
D	I	106	O.136	DEA 14	LATE 3RD-4TH
D	I	106	R.113	*BC 118	LATE 1ST-EARLY 2ND
D	I	110	O.286	DW 1	LATE 2ND-3RD
D	I	110	O.388	DA 106	1ST?
D	I	110	O.70	*DA 23	
D	I	110	O.85	DA 3	
D	I	110	R.144	*BC 20	LATE 1ST-EARLY 2ND
D	I	110	R.165	ER 14	LATE 1ST-EARLY 2ND
D	I	110	R.268	BE 40	1ST-2ND?
D	I	110	R.319	*BF 41	LATE 1ST-MID-2ND
D	I	110	R.354	*BF 40	2ND
D	I	110	R.390	*CH 6	HADRIANIC-ANTONINE
D	I	110	R.418	BE 109	2ND
D	I	110	R.50	*GC 11	1ST-2ND
D	I	119	O.198	*DW 22	FLAVIAN?
D	I	119	R.143	BC 19	LATE 1ST-EARLY 2ND
D	I	122	B.67	CB 23	2ND?
D	I	122	O.200	DE 146	1ST-2ND
D	I	122	O.243	*DR 9	1ST-2ND
D	I	122	O.265	DE 1	2ND-3RD
D	I	122	O.54	DE 304	
D	I	122	R.143	BC 19	LATE 1ST-EARLY 2ND
D	I	122	R.161	*BC 95	LATE 1ST-EARLY 2ND
D	I	122	R.271	*CH 16	1ST-2ND?
D	I	133	R.173	CT 36	HADRIANIC-ANTONINE
D	I	133	R.181	BC 134	HADRIANIC-ANTONINE
D	I	133	R.322	BC 134	1ST-2ND
D	I	134	B.15	CB 85	2ND?
D	I	134	B.39	CB 70	HADRIANIC-ANTONINE

D	I	134	B.5	CB 44	HADRIANIC-ANTONINE
D	I	134	B.69	CB 195	LATE 2ND-MID-4TH
D	I	134	R.143	BC 19	LATE 1ST-EARLY 2ND
D	I	134	R.146	BC 140	LATE 1ST-EARLY 2ND
D	I	134	R.237	BC 69	1ST-2ND
D	I	134	R.282	*BC 1	1ST-2ND?
D	I	138	B.39	CB 70	HADRIANIC-ANTONINE
D	I	138	B.60	CB 221	HADRIANIC-ANTONINE
D	I	138	O.243	DEA 42	1ST-2ND
D	I	142	R.353	CT 17	1ST-2ND
D	I	165	O.198	*DW 22	FLAVIAN?
D	I	176	B.36	CB 169	HADRIANIC-ANTONINE
D	I	176	B.39	CB 70	HADRIANIC-ANTONINE
D	I	176	B.44	CB 43	3RD
D	I	176	B.46	CB 210	3RD
D	I	176	B.5	CB 44	HADRIANIC-ANTONINE
D	I	176	O.265	DE 1	2ND-3RD
D	I	176	O.312	DEA 422	1ST-2ND
D	I	176	O.338	DIA 14	MID-1ST-LATE 2ND
D	I	176	O.367	DE 182	2ND-4TH
D	I	176	O.40	DEA 199	
D	I	176	O.433	DIA 80	1ST-EARLY 2ND
D	I	176	O.84	DA 1	1ST-2ND
D	I	176	R.122	*BE 76	LATE 1ST-EARLY 2ND
D	I	176	R.143	BC 128	LATE 1ST-EARLY 2ND
D	I	176	R.143	BC 19	LATE 1ST-EARLY 2ND
D	I	176	R.173	BC 52	HADRIANIC-ANTONINE
D	I	176	R.197	BE 51	HADRIANIC-ANTONINE
D	I	176	R.263	BC 415	1ST-2ND?
D	I	176	R.268	BE 40	1ST-2ND?
D	I	176	R.32	BF 97	1ST-2ND?
D	I	176	R.433	BC 169	
D	I	176	R.446	CT 3	1ST-3RD
D	I	176	R.460	BE 27	
D	I	176	R.460	CT 43	
D	I	176	R.51-68	GC 12	
D	I	177	O.243	*DK 9	1ST-2ND
D	I	177	O.332	DI 54	
D	I	177	O.430	*DI 10	1ST
D	I	177	R.130	*BA 24	LATE 1ST-EARLY 2ND
D	I	177	R.157	*BC 306	LATE 1ST-EARLY 2ND
D	I	189	R.113	*BC 118	LATE 1ST-EARLY 2ND
D	I	189	R.119	BC 239	LATE 1ST-EARLY 2ND
D	I	189	R.143	BC 19	LATE 1ST-EARLY 2ND
D	I	196	O.41	DEA 200	LATE 1ST-MID-2ND
D	I	196	R.116	BC 171	LATE 1ST-EARLY 2ND
D	I	196	R.118	BC 170	LATE 1ST-EARLY 2ND
D	I	196	R.163	BG 141	LATE 1ST-EARLY 2ND
D	I	196	R.282	*BC 1	1ST-2ND?
D	I	196	R.4	BA37	1ST-2ND
D	I	210	R.464	BB 53	2ND
D	I	216	R.52	GC 5	1ST-2ND
D	I	231	O.198	*DW 22	FLAVIAN?
D	I	231	O.286	DW 1	LATE 2ND-3RD
D	I	231	R.295	BE 32	1ST-2ND?
D	I	231	R.56	GC 6	1ST-2ND
D	I	238	O.198	*DW 22	FLAVIAN?
D	I	238	O.253	DA 98	
D	I	238	R.56	GC 6	1ST-2ND
D	I	246A	B.1	CB 202	1ST-2ND
D	I	246A	R.374	BE 90	HADRIANIC-ANTONINE
D	I	246A	R.52	GC 5	1ST-2ND
D	I	T/S	B.39	CB 70	HADRIANIC-ANTONINE

D	I	T/S	B.44	CB 43	3RD
D	I	T/S	B.67	CB 23	2ND?
D	I	T/S	B.9	CB 69	HADRIANIC-(ANTONINE)
D	I	T/S	O.132	DE 136	2ND-4TH
D	I	T/S	O.137	DEA 45	MID-LATE 2ND
D	I	T/S	O.265	DE 1	2ND-3RD
D	I	T/S	O.274	DEA 143	2ND-3RD
D	I	T/S	O.347	DE 51	3RD
D	I	T/S	O.367	DE 182	2ND-4TH
D	I	T/S	O.39	DW 47	MID-3RD-4TH?
D	I	T/S	R.107	GA 2	AD 340 ON
D	I	T/S	R.460	BC 273	
D	I	T/S	R.480	CCC 60	
D	I	T/S	W.9	EB 22	
D	IA	009	O.345	DEA 104	3RD
D	II	001	B.20	CB 80	MID 3RD-EARLY 4TH
D	II	001	B.54	CB 84	EARLY-MID-4TH
D	II	001	B.65	CB 15	ANTONINE-EARLY 3RD
D	II	001	C.40	DHA 17	AD 240-400
D	II	001	O.136	DEA 14	LATE 3RD-4TH
D	II	001	O.274	DEA 143	2ND-3RD
D	II	001	O.44	DE 166	LATE 1ST-MID-2ND
D	II	001	R.143	BC 19	LATE 1ST-EARLY 2ND
D	II	001	R.161	*DC 95	LATE 1ST-EARLY 2ND
D	II	001	R.43	GA 14	AD 340 ON
D	II	001	R.460	BC 249	
D	II	001	R.472	BC 136	
D	II	001	R.54	GC 9	1ST-2ND
D	II	003	B.26	CB 225	MID-LATE 3RD
D	II	003	B.54	CB 84	EARLY-MID-4TH
D	II	003	C.26	DO 7	C AD 150-250
D	II	003	O.146	DE 78	LATE 3RD-4TH
D	II	003	R.143	BC 19	LATE 1ST-EARLY 2ND
D	II	003	R.156	BG 32	LATE 1ST-EARLY 2ND
D	II	003	R.253	*BC 131	1ST-2ND
D	II	003	R.324	BC 269	1ST?
D	II	003	R.338	BB 14	2ND
D	II	003	R.395	BC 63	1ST-2ND?
D	II	003	R.51	GC 42	1ST-2ND
D	II	005	R.191	BD 65	HADRIANIC-3RD
D	II	014	O.136	DEA 14	LATE 3RD-4TH
D	II	014	O.347	DE 186	3RD
D	II	014	R.143	BC 19	LATE 1ST-EARLY 2ND
D	II	014	R.161	*BC 95	LATE 1ST-EARLY 2ND
D	II	014	W.13	ED 35	
D	II	016	B.28	CB 176	HADRIANIC-ANTONINE
D	II	016	B.67	CB 23	2ND?
D	II	016	O.199	DE 417	FLAVIAN?
D	II	016	O.254	DE 120	1ST-2ND
D	II	016	O.292	CH 19	1ST?
D	II	020	B.39	CB 70	HADRIANIC-ANTONINE
D	II	020	B.67	CB 23	2ND?
D	II	020	O.119	*DA 14	1ST-3RD
D	II	020	O.18	DE 416	2ND-EARLY 3RD?
D	II	020	O.265	DE 1	2ND-3RD
D	II	020	O.286	DW 1	LATE 2ND-3RD
D	II	020	O.4	DE 190	1ST
D	II	020	R.173	BC 52	HADRIANIC-ANTONINE
D	II	020	R.209	BC 49	2ND
D	II	020	R.209	BC 49	2ND
D	II	020	R.344	BC 175	2ND
D	II	020	R.52	GC 5	1ST-2ND
D	II	021	R.38	CCE 6	2ND?

D	II	021	R.43	GA 14	AD 340 ON
D	II	022	O.158	CH 9	
D	II	022	O.159	CK 2	1ST-2ND
D	II	022	O.195	CH 65	FLAVIAN?
D	II	022	O.196	CH 15	FLAVIAN?
D	II	022	O.198	DE 418	FLAVIAN?
D	II	022	O.198	*DW 22	FLAVIAN?
D	II	022	O.302	*DA 24	1ST?
D	II	022	O.303	*DW 31	1ST?
D	II	022	R.249	BE 25	1ST-EARLY 2ND
D	II	022	R.258	*BE 41	1ST-2ND?
D	II	022	R.332	BC 177	MID-LATE 1ST
D	II	022	R.410	BC 159	2ND
D	II	022	R.52	GC 5	1ST-2ND
D	II	022	R.56	GC 6	1ST-2ND
D	II	022	R.95	CCC 19	HADRIANIC-ANTONINE
D	II	023	O.119	*DA 14	1ST-3RD
D	II	023	O.58	DE 193	LATE 1ST-MID 2ND
D	II	023	R.143	BC 19	LATE 1ST-EARLY 2ND
D	II	023	R.143	BC 109	LATE 1ST-EARLY 2ND
D	II	025	B.70	CB 219	2ND
D	II	025	O.292	CH 19	1ST?
D	II	025	R.143	BC 19	LATE 1ST-EARLY 2ND
D	II	025	R.95	CCC 17	HADRIANIC-ANTONINE
D	II	026	B.39	CB 70	HADRIANIC-ANTONINE
D	II	026	R.143	BC 19	LATE 1ST-EARLY 2ND
D	II	026	R.51-68	CT 8	
D	II	027	C.41	DF 50	
D	II	027	O.274	DEA 143	2ND-3RD
D	II	027	R.209	BC 49	2ND
D	II	027	R.216	BE 71	2ND
D	II	027	R.248	BC 65	1ST-2ND?
D	II	027	R.268	BE 40	1ST-2ND?
D	II	035	R.143	BC 19	LATE 1ST-EARLY 2ND
D	II	037	R.56	GC 6	1ST-2ND
D	II	038	O.210	CH 28	1ST
D	II	042	B.64	CB 264	HADRIANIC-ANTONINE
D	II	042	O.400	*DI 7	
D	II	042	R.143	BC 19	LATE 1ST-EARLY 2ND
D	II	042	R.248	BC 65	1ST-2ND?
D	II	042	R.441	*BC 119	2ND-3RD?
D	II	043	B.39	CB 70	HADRIANIC-ANTONINE
D	II	043	B.67	CB 23	2ND?
D	II	043	R.163	*BA 2	LATE 1ST-EARLY 2ND
D	II	046	B.26	CB 225	MID-LATE 3RD
D	II	046	B.5	CB 44	HADRIANIC-ANTONINE
D	II	046	CW.3	DM 45	LATE 2ND-3RD
D	II	046	O.156	DW 26	4TH
D	II	046	O.274	DEA 143	2ND-3RD
D	II	047	O.198	*DW 22	FLAVIAN?
D	II	047	O.97	DA 101	1ST-2ND
D	II	047	R.45	GB 1	1ST-2ND
D	II	048	R.351	CE 1	2ND
D	II	049	B.28	CB 176	HADRIANIC-ANTONINE
D	II	049	O.198	*DW 22	FLAVIAN?
D	II	049	O.251	DI 22	1ST
D	II	049	R.143	BC 19	LATE 1ST-EARLY 2ND
D	II	049	R.173	BC 52	HADRIANIC-ANTONINE
D	II	049	R.359	BC 328	HADRIANIC-ANTONINE
D	II	049	R.407	BX 2	1ST-2ND
D	II	049	R.52	GC 5	1ST-2ND
D	II	049	R.97	CCB 3	HADRIANIC-ANTONINE
D	II	057	R.143	BC 19	LATE 1ST-EARLY 2ND

D		II	057	R.258	*BE 41	1ST-2ND?
D		II	057	R.271	*CH 16	1ST-2ND?
D		II	058	B.10	CB 24	HADRIANIC-ANTONINE
D		II	058	B.5	CB 44	HADRIANIC-ANTONINE
D		II	058	B.67	CB 23	2ND?
D		II	065	R.143	BC 19	LATE 1ST-EARLY 2ND
D		II	065	R.157	*BC 306	LATE 1ST-EARLY 2ND
D		II	065	R.248	BC 65	1ST-2ND?
D		II	079	O.84	DA 1	1ST-2ND
D		II	079	R.89	CCC 15	ANTONINE
D		II	080	R.143	BC 19	LATE 1ST-EARLY 2ND
D		II	080	R.76	CCC 30	1ST-EARLY 2ND
D		II	086	R.89	CCC 15	ANTONINE
D		II	094	B.20	CB 80	MID 3RD-EARLY 4TH
D		II	094	B.21	CB 12	LATE 3RD-EARLY 4TH
D		II	094	B.67	CB 23	2ND?
D		II	094	O.267	DE 362	4TH
D		II	094	O.351	DE 105	LATE 2ND-LATE 3RD
D		II	094	R.247	*BR 24	1ST-2ND?
D		II	094	R.268	BE 40	1ST-2ND?
D		II	094	R.52	GC 5	1ST-2ND
D		II	100	B.39	CB 70	HADRIANIC-ANTONINE
D		II	100	R.52	GC 5	1ST-2ND
D		II	120	O.243	*DK 9	1ST-2ND
D		II	122	R.143	BC 19	LATE 1ST-EARLY 2ND
D		II	124	O.81	*DW 6	LATE 1ST-MID-2ND
D		II	165	O.358	DE 165	LATE 3RD-4TH
D		II	246	R.163	BG 134	LATE 1ST-EARLY 2ND
D		II	T/S	O.358	DE 165	LATE 3RD-4TH
D		IIB	001	O.84	DA 1	1ST-2ND
D		III	002	B.39	CB 70	HADRIANIC-ANTONINE
D		III	002	O.274	DEA 143	2ND-3RD
D		III	T/S	B.20	CB 80	MID 3RD-EARLY 4TH
D		III	T/S	B.50	CB 94	LATE 3RD-MID-4TH
D		III	T/S	B.67	CB 23	2ND?
D		III	T/S	C.64	DP 30	AD 240-400
D		III	T/S	O.274	DEA 143	2ND-3RD
D		III	T/S	O.349	DE 90	2ND-3RD
D		IV	001	R.143	BC 19	LATE 1ST-EARLY 2ND
D		IV	006	B.67	CB 23	2ND?
D		IV	006	O.156	DW 26	4TH
D		IV	006	O.347	DE 51	3RD
D		IV	006	R.43	GA 14	AD 340 ON
D		IV	009	B.44	CB 43	3RD
D		IV	009	B.67	CB 23	2ND?
D		IV	016	B.67	CB 23	2ND?
D		IV	017	B.44	CB 43	3RD
D		VI	001	R.79	CCC 51	ANTONINE
D		XII	012	R.143	BC 185	LATE 1ST-EARLY 2ND
D	?	II	024	B.21	CB 12	LATE 3RD-EARLY 4TH
D	?	II	024	B.44	CB 43	3RD
D	?	II	024	B.50	CB 94	LATE 3RD-MID-4TH
D	?	II	024	B.56	CB 20	EARLY-MID-4TH
D	?	II	024	B.67	CB 23	2ND?
D	?	II	024	B.75	CB 165	HADRIANIC ON
D	?	II	024	CW.20	DN 5	LATE 2ND-EARLY 3RD
D	?	II	024	CW.3	DM 45	LATE 2ND-3RD
D	?	II	024	O.254	DE 120	1ST-2ND
D	?	II	024	O.274	DEA 143	2ND-3RD
D	?	II	024	O.286	DW 1	LATE 2ND-3RD
D	?	II	024	O.347	DE 115	3RD
D	?	II	024	R.184	BC 72	HADRIANIC-ANTONINE
D	?	II	024A	B.44	CB 43	3RD

D	?	II	024A	B.67	CB 23	2ND?
D	?	II	024A	O.358	DE 165	LATE 3RD-4TH
D	?	II	024A	R.161	*BC 95	LATE 1ST-EARLY 2ND
D	?	II	028	B.34	CB 191	HADRIANIC-ANTONINE
D	?	II	028	B.34	CB 191	HADRIANIC-ANTONINE
D	?	II	028	B.5	CB 44	HADRIANIC-ANTONINE
D	?	II	028	B.67	CB 23	2ND?
D	?	II	028	C.17	DT 22	C AD 80-135
D	?	II	028	O.11	DEA 208	NERONIAN-FLAVIAN
D	?	II	028	O.185	DEA 167	NERONIAN-FLAVIAN
D	?	II	028	O.199	DE 417	FLAVIAN?
D	?	II	028	O.274	DEA 143	2ND-3RD
D	?	II	028	O.286	DW 1	LATE 2ND-3RD
D	?	II	028	O.70	*DA 23	
D	?	II	028	R.143	BC 19	LATE 1ST-EARLY 2ND
D	?	II	028	R.143	*CVI 32	LATE 1ST-EARLY 2ND
D	?	II	028	R.161	*BC 95	LATE 1ST-EARLY 2ND
D	?	II	028	R.173	BC 52	HADRIANIC-ANTONINE
D	?	II	028	R.173	CT 36	HADRIANIC-ANTONINE
D	?	II	028	R.209	BC 49	2ND
D	?	II	028	R.48	GB 7	1ST-2ND
D	?	II	028	R.52	GC 5	1ST-2ND
D	?	II	028	R.56	GC 6	1ST-2ND
D	?	II	028	R.94	CCC 14	HADRIANIC-ANTONINE
D	?	II	028A	B.18	CB 211	LATE 3RD-EARLY 4TH
D	?	II	028A	B.20	CB 80	MID 3RD-EARLY 4TH
D	?	II	028A	R.143	BC 19	LATE 1ST-EARLY 2ND
D	?	II	029	B.20	CB 80	MID 3RD-EARLY 4TH
D	?	II	029	B.44	CB 43	3RD
D	?	II	029	B.67	CB 23	2ND?
D	?	II	029	O.148	DE 326	LATE 3RD-4TH
D	?	II	029	O.160	CM 9	HADRIANIC-ANTONINE
D	?	II	029	O.198	*DW 22	FLAVIAN?
D	?	II	029	O.241	DZ 45	1ST
D	?	II	029	O.242	DJ 4	1ST-2ND
D	?	II	029	O.251	DI 22	1ST
D	?	II	029	O.265	DE 1	2ND-3RD
D	?	II	029	O.286	DW 1	LATE 2ND-3RD
D	?	II	029	O.322	DE 328	MID-1ST-LATE 2ND
D	?	II	029	O.370	DE 257	2ND-4TH
D	?	II	029	O.372	DE 332	2ND?
D	?	II	029	O.376	DE 324	
D	?	II	029	O.454	DEA 323	
D	?	II	029	O.52	DE 244	2ND-3RD
D	?	II	029	O.79	DZ 39	
D	?	II	029	O.8	DE 205	1ST-2ND
D	?	II	029	O.84	DA 1	1ST-2ND
D	?	II	029	O.94	DA 76	1ST-2ND
D	?	II	029	R.11	BC 381	
D	?	II	029	R.143	BC 109	LATE 1ST-EARLY 2ND
D	?	II	029	R.173	BC 52	HADRIANIC-ANTONINE
D	?	II	029	R.52	GC 5	1ST-2ND
D	?	II	029	R.55	GC 47	1ST-2ND
D	?	II	029	R.55	GC 47	1ST-2ND
D	?	II	029A	B.2	CB 222	2ND
D	?	II	029A	B.44	CB 43	3RD
D	?	II	029A	B.5	CB 44	HADRIANIC-ANTONINE
D	?	II	029A	B.58	CB 220	ANTONINE
D	?	II	029A	B.60	CB 221	HADRIANIC-ANTONINE
D	?	II	029A	B.62	CB 224	2ND
D	?	II	029A	B.67	CB 23	2ND?
D	?	II	029A	B.7	CB 223	HADRIANIC-ANTONINE
D	?	II	029A	B.70	CB 219	2ND

D ?	II	029A	0.130	DEA 330	2ND-3RD
D ?	II	029A	0.16	DE 358	2ND
D ?	II	029A	0.17	DE 320	2ND-MID-3RD
D ?	II	029A	0.2	DE 243	1ST
D ?	II	029A	0.205	*DK 3	
D ?	II	029A	0.21	DE 403	2ND
D ?	II	029A	0.21	DE 356	2ND
D ?	II	029A	0.221	FA 6	LATE 1ST-MID-2ND
D ?	II	029A	0.237	DE 235	1ST-3RD?
D ?	II	029A	0.239	DEA 333	1ST
D ?	II	029A	0.26	DEA 145	LATE 1ST-EARLY 2ND
D ?	II	029A	0.261	DA 89	1ST
D ?	II	029A	0.273	DEA 246	2ND
D ?	II	029A	0.3	DE 247	LATE 2ND-3RD
D ?	II	029A	0.304	DE 425	1ST?
D ?	II	029A	0.325	DEA 329	MID-1ST-LATE 2ND
D ?	II	029A	0.34	DE 317	1ST-2ND
D ?	II	029A	0.34	DE 322	1ST-2ND
D ?	II	029A	0.425	DW 45	
D ?	II	029A	0.444	CH 59	FLAVIAN?
D ?	II	029A	0.446	I 73	
D ?	II	029A	0.46	DEA 240	1ST-2ND
D ?	II	029A	0.6	DE 83	MID-2ND-MID-3RD
D ?	II	029A	0.63	DEA 331	LATE 1ST-MID 2ND
D ?	II	029A	0.88	DA 32	1ST-2ND
D ?	II	029A	0.9	DE 319	MID-1ST-MID-3RD
D ?	II	029A	0.98	DA 10	1ST-2ND
D ?	II	029A	R.146	BE 81	LATE 1ST-EARLY 2ND
D ?	II	029A	R.173	BC 52	HADRIANIC-ANTONINE
D ?	II	029A	R.188	BC 381	HADRIANIC-ANTONINE
D ?	II	029A	R.288	BG 147	1ST-2ND?
D ?	II	029A	R.314	BA 84	1ST-2ND
D ?	II	029A	R.324	BC 404	1ST?
D ?	II	029A	R.340	BB 37	
D ?	II	029A	W.11	EB 33	
D ?	II	039	0.193	DW 27	
D ?	II	039	0.265	DE 1	2ND-3RD
D ?	II	039	0.286	DW 1	LATE 2ND-3RD
D ?	II	039	0.386	DE 161	2ND
D ?	II	039	R.143	BC 19	LATE 1ST-EARLY 2ND
D ?	II	039	R.191	*BC 165	HADRIANIC-3RD
D ?	II	039	R.69	CCC 12	1ST-2ND
D ?	II	039	W.13	ED 4	
D ?	II	040	C.24	DO 9	
D ?	II	040	0.119	*DA 14	1ST-3RD
D ?	II	040	0.265	DE 1	2ND-3RD
D ?	II	060	C.12	DT 24	C AD 80-135
D ?	II	060	0.14	DE 212	MID-2ND-EARLY 3RD
D ?	II	060	0.240	DW 33	1ST
D ?	II	060	0.77	DW 30	
D ?	II	060	R.143	BC 19	LATE 1ST-EARLY 2ND
D ?	II	060	R.204	CT 38	HADRIANIC-ANTONINE
D ?	II	060	R.409	BC 313	1ST-2ND
D ?	II	060	R.52	GC 5	1ST-2ND
D ?	II	060	R.69	CCC 12	1ST-2ND
D ?	II	060	R.91	CCC 22	ANTONINE
D ?	II	076	B.3	CB 110	HADRIANIC-ANTONINE
D ?	II	076	B.39	CB 70	HADRIANIC-ANTONINE
D ?	II	076	0.15	DE 174	2ND
D ?	II	076	0.7	DE 204	MID-2ND-MID-3RD
D ?	II	076	R.141	BC 264	LATE 1SR-EARLY 2ND
D ?	II	076	R.143	BC 19	LATE 1ST-EARLY 2ND
D ?	II	076	R.173	BC 52	HADRIANIC-ANTONINE

D	?	II	076	R.199	*BC 94	HADRIANIC-ANTONINE
D	?	II	076	R.200	*BC 80	HADRIANIC-ANTONINE
D	?	II	076	R.210	*BA 66	2ND
D	?	II	076	R.325	*BC 173	1ST-2ND?
D	?	II	076	R.56	GC 6	1ST-2ND
D	?	IV	002	B.5	CB 44	HADRIANIC-ANTONINE
D	?	IV	002	O.162	DE 102	HADRIANIC-ANTONINE
D	?	IV	002	O.188	DE 84	1ST-2ND?
D	?	IV	002	O.289	*DK 16	2ND
D	?	IV	002	R.143	BC 19	LATE 1ST-EARLY 2ND
D	?	IV	003	O.119	*DA 14	1ST-3RD
D	?	IV	003	R.143	BC 19	LATE 1ST-EARLY 2ND
D	?	IV	003	R.144	*BC 112	LATE 1ST-EARLY 2ND
D	?	IV	003	R.146	BC 140	LATE 1ST-EARLY 2ND
D	?	IV	003	R.362	BC 163	HADRIANIC-ANTONINE
D	?	IV	004	B.46	CB 210	3RD
D	?	IV	004	B.50	CB 94	LATE 3RD-MID-4TH
D	?	IV	004	B.55	CB 205	EARLY-MID-4TH
D	?	IV	004	O.37	DW 63	
D	?	IV	004	R.303	BBA 50	2ND
D	?	IV	004	R.42	GA 6	3RD-4TH
D	?	IV	005	O.286	DW 1	LATE 2ND-3RD
D	?	IV	005	R.143	BC 19	LATE 1ST-EARLY 2ND
D	?	IV	005	R.153	*BF 35	LATE 1ST-EARLY 2ND
D	?	IV	005	R.255	BU 2	1ST?
D	?	IV	020	O.273	DEA 246	2ND
D	?	IV	020	O.85	DA 12	
D	I	I	022	R.123	BC 123	LATE 1ST-EARLY 2ND
D	I	I	022	R.143	BC 19	LATE 1ST-EARLY 2ND
D	I	I	022	R.52	GC 5	1ST-2ND
D	I	I	031	O.265	DE 1	2ND-3RD
D	I	I	031	R.123	BC 123	LATE 1ST-EARLY 2ND
D	I	I	031	R.147	BE 73	LATE 1ST-EARLY 2ND
D	I	I	031	R.159	BG 149	LATE 1ST-EARLY 2ND
D	I	I	031	R.397	*BK 1	
D	I	I	039	R.173	CT 36	HADRIANIC-ANTONINE
D	I	I	046A	R.143	BC 19	LATE 1ST-EARLY 2ND
D	I	I	056	C.28	DO 11	C AD 150-250
D	I	I	056	R.216	BE 29	2ND
D	I	I	056	R.324	BC 269	1ST?
D	I	I	059	R.173	BC 52	HADRIANIC-ANTONINE
D	I	I	060	R.52	GC 5	1ST-2ND
D	I	I	093	B.38	CB 105	
D	I	I	107	B.24	CB 132	EARLY-MID-4TH
D	I	I	107	O.32	DEA 197	1ST?
D	I	I	107	R.239	BC 248	1ST-2ND
D	I	I	107	R.462	BA 53	
D	I	I	118	R.252	BE 12	1ST-2ND
D	I	I	129	R.173	BC 52	HADRIANIC-ANTONINE
D	I	I	136	O.265	DE 1	2ND-3RD
D	I	I	145	R.1	BA 93	1ST-3RD
D	I	I	145	R.119	BC 223	LATE 1ST-EARLY 2ND
D	I	I	145	R.399	*BC 32	1ST-2ND
D	I	I	164	O.196	CH 15	FLAVIAN?
D	I	I	164	R.143	BC 19	LATE 1ST-EARLY 2ND
D	I	I	164	R.205	CT 11	HADRIANIC-ANTONINE
D	I	I	164	R.255	BU 2	1ST?
D	I	I	164	R.257	BK 1	1ST-2ND?
D	I	I	164	R.258	*BE 41	1ST-2ND?
D	I	I	164	R.307	BU 1	1ST?
D	I	I	164	R.56	GC 6	1ST-2ND
D	I	I	174	O.147	DE 393	LATE 3RD-4TH
D	I	I	174	O.249	DEA 238	1ST

D	I	I	174	O.309	DEA 148	1ST-2ND
D	I	I	174	R.190	BD 29	HADRIANIC-ANTONINE
D	I	I	174	R.296	*BC 70	1ST-2ND?
D	I	I	174	R.362	BC 163	HADRIANIC-ANTONINE
D	I	I	174	R.56	GC 6	1ST-2ND
D	I	I	174	R.73	CCC 1	1ST-EARLY 2ND
D	I	I	175	B.14	CB 75	HADRIANIC-ANTONINE
D	I	I	175	B.28	CB 176	HADRIANIC-ANTONINE
D	I	I	175	R.143	BC 19	LATE 1ST-EARLY 2ND
D	I	I	175	R.249	BC 59	1ST-EARLY 2ND
D	I	I	175	R.258	*BE 41	1ST-2ND?
D	I	I	185	R.143	BC 19	LATE 1ST-EARLY 2ND
D	I	I	194	R.143	BC 19	LATE 1ST-EARLY 2ND
D	I	I	197	R.143	BC 19	LATE 1ST-EARLY 2ND
D	I	I	220	R.143	BC 19	LATE 1ST-EARLY 2ND
D	I	I	220	R.173	BC 52	HADRIANIC-ANTONINE
D	I	I	220	R.362	BC 163	HADRIANIC-ANTONINE
D	I	I	226	R.52	GC 5	1ST-2ND
D	I	I	254	O.265	DE 1	2ND-3RD
D	I	I	254	R.431	BC 297	1ST-2ND?
D	I	I	257	R.143	BC 19	LATE 1ST-EARLY 2ND
D	I	II	036	R.143	BC 19	LATE 1ST-EARLY 2ND
D	I	II	036	R.184	BC 72	HADRIANIC-ANTONINE
D	I	II	036	R.52	GC 5	1ST-2ND
D	I	II	036	R.95	CCC 19	HADRIANIC-ANTONINE
D	I	II	056	O.198	*DW 22	FLAVIAN?
D	I	II	056	R.96	CCE 5	HADRIANIC-ANTONINE
D	I	II	064	O.265	DE 1	2ND-3RD
D	I	II	064	R.143	BC 19	LATE 1ST-EARLY 2ND
D	I	II	068	O.198	*DW 22	FLAVIAN?
D	I	II	068	O.84	DA 1	1ST-2ND
D	I	II	068	R.143	BC 19	LATE 1ST-EARLY 2ND
D	I	II	088	O.119	*DA 14	1ST-3RD
D	I	II	088	R.113	*BC 118	LATE 1ST-EARLY 2ND
D	I	II	088	R.144	*BC 112	LATE 1ST-EARLY 2ND
D	I	II	088	R.151	*BC 180	LATE 1ST-EARLY 2ND
D	I	II	088	R.163	*BC 180	LATE 1ST-EARLY 2ND
D	I	II	088	R.56	GC 6	1ST-2ND
D	I	II	090	C.16	DT 6	C AD 80-135
D	I	II	090	O.240	DW 33	1ST
D	I	II	090	O.250	DI 24	1ST
D	I	II	090	R.56	GC 6	1ST-2ND
D	II	I	100	B.3	CB 110	HADRIANIC-ANTONINE
D	II	I	100	B.50	CB 94	LATE 3RD-MID-4TH
D	II	I	100	R.135	BC 39	LATE 1ST-EARLY 2ND
D	II	I	100	R.143	BC 19	LATE 1ST-EARLY 2ND
D	II	I	100	R.189	BC 98	HADRIANIC-ANTONINE
D	II	I	100	R.52	GC 5	1ST-2ND
D	II	I	109	B.36	CB 169	HADRIANIC-ANTONINE
D	II	I	109	R.125	BC 120	LATE 1ST-EARLY 2ND
D	II	I	109	R.133	BC 285	1ST
D	II	I	109	R.143	BC 19	LATE 1ST-EARLY 2ND
D	II	I	109	R.169	*BF 8	2ND?
D	II	I	109	R.173	BC 52	HADRIANIC-ANTONINE
D	II	I	109	R.241	BF 109	1ST-2ND
D	II	I	109	R.300	CT 26	1ST-2ND?
D	II	I	109	R.362	BC 163	HADRIANIC-ANTONINE
D	II	I	126	B.20	CB 80	MID 3RD-EARLY 4TH
D	II	I	126	B.5	CB 44	HADRIANIC-ANTONINE
D	II	I	126	B.67	CB 23	2ND?
D	II	I	126	O.338	DIA 14	MID-1ST-LATE 2ND
D	II	I	126	R.143	BC 19	LATE 1ST-EARLY 2ND
D	II	I	126	R.143	BC 109	LATE 1ST-EARLY 2ND

D	II	I	126	R.147	BE 73	LATE 1ST-EARLY 2ND
D	II	I	126A	B.1	CL 181	1ST-2ND
D	II	I	126A	C.19	DT 1	LATE 1ST-MID-2ND
D	II	I	126A	O.102	DA 46	1ST-2ND
D	II	I	126A	O.119	*DA 14	1ST-3RD
D	II	I	126A	O.217	DK 23	1ST-3RD
D	II	I	126A	O.30	DEA 211	LATE 1ST-EARLY 2ND
D	II	I	126A	O.355	DIA 23	
D	II	I	126A	O.59	DE 177	2ND-4TH
D	II	I	126A	O.66	DEA 218	1ST-2ND
D	II	I	126A	O.68	DEA 202	1ST-4TH
D	II	I	126A	O.93	DA 34	1ST-2ND
D	II	I	126A	O.95	DA 50	1ST-2ND
D	II	I	126A	R.113	*BC 118	LATE 1ST-EARLY 2ND
D	II	I	126A	R.143	BC 19	LATE 1ST-EARLY 2ND
D	II	I	126A	R.146	BC 140	LATE 1ST-EARLY 2ND
D	II	I	126A	R.150	*BC 154	LATE 1ST-EARLY 2ND
D	II	I	126A	R.157	BG 110	LATE 1ST-EARLY 2ND
D	II	I	126A	R.163	BG 126	LATE 1ST-EARLY 2ND
D	II	I	126A	R.173	BC 52	HADRIANIC-ANTONINE
D	II	I	126A	R.237	BC 69	1ST-2ND
D	II	I	126A	R.4	BA 37	1ST-2ND
D	II	I	126A	R.458	BC 172	1ST?
D	II	I	126A	W.4	EB 25	LATE 1ST-EARLY 2ND
D	II	I	126A	W.6	ED 15	LATE 1ST-EARLY 2ND
D	II	I	173	O.112	DA 83	
D	II	I	173	O.130	DE 47	2ND-3RD
D	II	I	173	O.170	DIA 65	HADRIANIC-ANTONINE
D	II	I	173	O.182	DEA 198	1ST-2ND?
D	II	I	173	O.185	DEA 290	NERONIAN-FLAVIAN
D	II	I	173	O.204	DU 2	
D	II	I	173	O.230	*CH 23	1ST-2ND
D	II	I	173	O.264	DE 265	LATE 2ND-3RD
D	II	I	173	O.275	DEA 258	
D	II	I	173	O.295	DA 45	
D	II	I	173	O.321	DA 40	MID-1ST-LATE 2ND
D	II	I	173	O.409	DK 21	
D	II	I	173	O.447	DA 274	FLAVIAN?
D	II	I	173	O.453	DE 266	
D	II	I	173	O.456	DE 361	
D	II	I	173	O.83	DA 39	1ST-2ND
D	II	I	173	O.84	DA 1	1ST-2ND
D	II	I	173	O.87	DA 36	1ST-2ND
D	II	I	173	O.88	DA 32	1ST-2ND
D	II	I	173	O.90	DA 47	1ST-2ND
D	II	I	173	R.143	BC 19	LATE 1ST-EARLY 2ND
D	II	I	173	R.144	*BC 112	LATE 1ST-EARLY 2ND
D	II	I	173	R.145	BE 42	1ST-EARLY 2ND
D	II	I	173	R.156	*BC 23	LATE 1ST-EARLY 2ND
D	II	I	173	R.184	BC 72	HADRIANIC-ANTONINE
D	II	I	173	R.227	BB 44	2ND
D	II	I	173	R.235	BC 411	
D	II	I	173	R.263	BC 415	1ST-2ND?
D	II	I	173	R.271	*CH 16	1ST-2ND?
D	II	I	173	R.350	BU 13	1ST?
D	II	I	173	R.389	*CB 212	3RD-4TH
D	II	I	173	R.390	*CH 6	HADRIANIC-ANTONINE
D	II	I	173	R.404	BR 2	1ST-2ND
D	II	I	173	W.11	EB 38	
D	II	I	173	W.11	EB 35	
D	II	I	173	W.23	EB 43	
D	II	I	229	R.143	BC 19	LATE 1ST-EARLY 2ND
D	II	I	229	R.146	BE 46	LATE 1ST-EARLY 2ND

D	II	I	229	R.156	BG 34	LATE 1ST-EARLY 2ND
D	II	I	229	R.16	BC 176	
D	II	I	229	R.399	*BC 32	1ST-2ND
D	II	I	246	B.1	CB 202	1ST-2ND
D	II	I	246	B.19	CB 208	HADRIANIC-(ANTONINE)
D	II	I	246	B.74	CB 2	LATE 2ND-MID-4TH
D	II	I	246	C.19	DT 1	LATE 1ST-MID-2ND
D	II	I	246	O.110	DA 57	
D	II	I	246	O.213	DE 255	
D	II	I	246	O.225	DEA 254	LATE 1ST-EARLY 2ND
D	II	I	246	O.265	DE 1	2ND-3RD
D	II	I	246	O.27	DEA 262	LATE 1ST-EARLY 2ND
D	II	I	246	O.272	DEA 248	1ST
D	II	I	246	O.273	DEA 246	2ND
D	II	I	246	O.285	DIA 11	
D	II	I	246	O.294	DA 77	1ST-2ND
D	II	I	246	O.36	DK 15	NERONIAN-FLAVIAN
D	II	I	246	O.375	DE 298	2ND?
D	II	I	246	O.39	DW 42	MID-3RD-4TH?
D	II	I	246	O.409	*DK 4	
D	II	I	246	O.424	*DE 114	MID-3RD-4TH
D	II	I	246	O.6	DE 83	MID-2ND-MID-3RD
D	II	I	246	O.72	DEA 256	
D	II	I	246	O.84	DA 1	1ST-2ND
D	II	I	246	O.86	DA 59	1ST-2ND
D	II	I	246	R.114	BA 65	1ST?
D	II	I	246	R.116	BC 171	LATE 1ST-EARLY 2ND
D	II	I	246	R.120	BC 229	LATE 1ST-EARLY 2ND
D	II	I	246	R.121	BC 232	LATE 1ST-EARLY 2ND
D	II	I	246	R.125	BC 192	LATE 1ST-EARLY 2ND
D	II	I	246	R.140	BC 198	LATE 1ST-EARLY 2ND
D	II	I	246	R.146	BE 84	LATE 1ST-EARLY 2ND
D	II	I	246	R.146	BE 88	LATE 1ST-EARLY 2ND
D	II	I	246	R.148	BE 83	LATE 1ST-EARLY 2ND
D	II	I	246	R.155	BC 132	LATE 1ST-EARLY 2ND
D	II	I	246	R.158	BG 136	LATE 1ST-EARLY 2ND
D	II	I	246	R.182	BC 204	HADRIANIC-ANTONINE
D	II	I	246	R.286	BG 46	1ST-2ND?
D	II	I	246	R.331	BA 88	2ND-3RD
D	II	I	246	R.374	BE 90	HADRIANIC-ANTONINE
D	II	I	246	R.421	BC 310	2ND
D	II	I	246	R.486	BC 215	
D	II	I	246	R.487	BC 195	
D	II	I	246	R.52	GC 5	1ST-2ND
D	II	I	246	R.59	GC 46	1ST-2ND
D	II	I	246	R.6	BA 99	
D	II	I	246	W.27	EB 53	1ST-2ND
D	II	I	246	W.34	EB 34	LATE 1ST-2ND
D	II	I	246	W.5	EB 18	LATE 1ST-EARLY 2ND
D	II	I	253	O.265	DE 1	2ND-3RD
D	III	I	116	B.39	CB 70	HADRIANIC-ANTONINE
D	III	I	116	O.26	DEA 145	LATE 1ST-EARLY 2ND
D	III	I	116	O.265	DE 1	2ND-3RD
D	III	I	116	O.420	DW 57	LATE 1ST-2ND
D	III	I	116	R.143	BC 19	LATE 1ST-EARLY 2ND
D	III	I	116	R.222	*BF 15	LATE 1ST-EARLY 2ND
D	III	I	116	R.51	GC 42	1ST-2ND
D	III	I	205	O.68	DE 22	1ST-4TH
D	III	II	097	R.143	BC 19	LATE 1ST-EARLY 2ND
D	III	II	097	R.384	BE 48	1ST-EARLY 2ND
D	III	II	097	R.398	BE 48	1ST-2ND
D	III	II	097	R.56	GC 6	1ST-2ND
D	III	II	106	O.84	DA 1	1ST-2ND

D	III	II	106	R.143	BC 19	LATE 1ST-EARLY 2ND
D	IV	I	020	O.218	DK 22	1ST-3RD
D	IV	I	020	R.52	GC 5	1ST-2ND
D	IV	I	027	R.143	BC 19	LATE 1ST-EARLY 2ND
D	IV	I	027	R.423	CT 24	
D	IV	I	029	B.11	CB 47	HADRIANIC-(ANTONINE)
D	IV	I	029	B.39	CB 70	HADRIANIC-ANTONINE
D	IV	I	029	B.67	CB 23	2ND?
D	IV	I	029	O.20	DEA 181	3RD-4TH?
D	IV	I	029	O.26	DEA 145	LATE 1ST-EARLY 2ND
D	IV	I	029	O.27	DEA 262	LATE 1ST-EARLY 2ND
D	IV	I	029	O.365	DA 76	2ND-4TH
D	IV	I	029	O.85	DA 3	
D	IV	I	029	R.119	BC 239	LATE 1ST-EARLY 2ND
D	IV	I	029	R.119	BC 239	LATE 1ST-EARLY 2ND
D	IV	I	029	R.123	BC 123	LATE 1ST-EARLY 2ND
D	IV	I	029	R.143	BC 19	LATE 1ST-EARLY 2ND
D	IV	I	029	R.143	BC 109	LATE 1ST-EARLY 2ND
D	IV	I	029	R.143	BC 158	LATE 1ST-EARLY 2ND
D	IV	I	029	R.143	BC 309	LATE 1ST-EARLY 2ND
D	IV	I	029	R.161	*BC 95	LATE 1ST-EARLY 2ND
D	IV	I	029	R.51	GC 42	1ST-2ND
D	IV	I	029	W.3	EB 12	LATE 1ST-EARLY 2ND
D	IV	I	030	R.109	GA 4	LATE 3RD CN
D	IV	I	030	R.143	BC 19	LATE 1ST-EARLY 2ND
D	IV	I	030	R.460	BE 27	
D	IV	I	030A	R.143	BC 19	LATE 1ST-EARLY 2ND
D	IV	I	033	O.72	DEA 383	
D	IV	I	033	R.89	CCC 15	ANTONINE
D	IV	I	058	R.143	BC 19	LATE 1ST-EARLY 2ND
D	IV	I	058	R.173	BC 52	HADRIANIC-ANTONINE
D	IV	I	064	B.11	CB 47	HADRIANIC-(ANTONINE)
D	IV	I	064	R.173	BC 52	HADRIANIC-ANTONINE
D	IV	I	064	R.178	BC 226	HADRIANIC-ANTONINE
D	IV	I	065	W.38	EB 19	AD 240-400
D	IV	I	067	O.265	DE 1	2ND-3RD
D	IV	I	067	R.51	GC 42	1ST-2ND
D	IV	I	069	B.44	CB 43	3RD
D	IV	I	069	R.89	CCC 15	ANTONINE
D	IV	I	070	R.143	BC 19	LATE 1ST-EARLY 2ND
D	IV	I	070	R.383	BD 37	1ST-EARLY 2ND
D	IV	I	075	R.143	BC 19	LATE 1ST-EARLY 2ND
D	IV	I	094	B.3	CB 110	HADRIANIC-ANTONINE
D	IV	I	094	O.367	DE 182	2ND-4TH
D	IV	I	094	R.52	GC 5	1ST-2ND
D	IV	I	112	O.436	DE 189	
D	IV	I	154	O.198	*DW 22	FLAVIAN?
D	IV	I	157	O.265	DE 1	2ND-3RD
D	IV	I	157	R.89	CCC 15	ANTONINE
D	IV	I	158	R.143	BC 19	LATE 1ST-EARLY 2ND
D	IV	I	158	R.143	BC 158	LATE 1ST-EARLY 2ND
D	IV	I	158	R.362	BC 163	HADRIANIC-ANTONINE
D	IV	I	158	R.434	*BC 121	2ND-3RD
D	IV	I	160	R.144	*BC 20	LATE 1ST-EARLY 2ND
D	IV	I	163	O.84	DA 1	1ST-2ND
D	IV	I	183	B.13	CB 260	2ND
D	IV	I	183	B.5	CB 44	HADRIANIC-ANTONINE
D	IX	II	002	B.11	CB 47	HADRIANIC-(ANTONINE)
D	IX	II	002	B.14	CB 232	HADRIANIC-ANTONINE
D	IX	II	002	B.17	CB 34	3RD
D	IX	II	002	B.21	CB 12	LATE 3RD-EARLY 4TH
D	IX	II	002	B.26	CB 225	MID-LATE 3RD
D	IX	II	002	B.34	CB 191	HADRIANIC-ANTONINE

D	IX	II	002	B.38	CB 105
D	IX	II	002	B.39	CB 70 HADRIANIC-ANTONINE
D	IX	II	002	B.67	CB 23 2ND?
D	IX	II	002	O.13	DE 407 MID-2ND-3RD
D	IX	II	002	O.132	DE 136 2ND-4TH
D	IX	II	002	O.141	DEA 268 1ST-2ND
D	IX	II	002	O.274	DEA 143 2ND-3RD
D	IX	II	002	O.323	DEA 112 MID-1ST-LATE 2ND
D	IX	II	002	O.352	*DA 13 LATE 2ND-3RD
D	IX	II	002	O.387	DIA 17 2ND?
D	IX	II	002	O.424	DE 178 MID-3RD-4TH
D	IX	II	002	R.100	CCE 7 2ND ON
D	IX	II	002	R.112	GA 1 4TH
D	IX	II	002	R.123	BC 123 LATE 1ST-EARLY 2ND
D	IX	II	002	R.143	BC 19 LATE 1ST-EARLY 2ND
D	IX	II	002	R.143	*CVI 32 LATE 1ST-EARLY 2ND
D	IX	II	002	R.146	BE 22 LATE 1ST-EARLY 2ND
D	IX	II	002	R.151	*BC 96 LATE 1ST-EARLY 2ND
D	IX	II	002	R.152	*BC 33 LATE 1ST-EARLY 2ND
D	IX	II	002	R.209	BC 49 2ND
D	IX	II	002	R.221	BA 33 LATE 1ST-EARLY 2ND
D	IX	II	002	R.224	BB 48 NERONIAN-FLAVIAN
D	IX	II	002	R.247	BC 4 1ST-2ND?
D	IX	II	002	R.248	BC 65 1ST-2ND?
D	IX	II	002	R.250	*BC 152 1ST-2ND
D	IX	II	002	R.253	*BC 131 1ST-2ND
D	IX	II	002	R.261	BE 33 1ST-2ND?
D	IX	II	002	R.278	*BF 82 1ST-2ND?
D	IX	II	002	R.356	BC 14 2ND
D	IX	II	002	R.381	BA 94 1ST-EARLY 2ND
D	IX	II	002	R.395	BC 63 1ST-2ND?
D	IX	II	002	R.399	*BC 32 1ST-2ND
D	IX	II	002	R.89	CCC 15 ANTONINE
D	IX	II	002	W.18	EB 46 1ST
D	IX	II	002	W.27	EB 59 1ST-2ND
D	IX	II	002	W.4	EB 67 LATE 1ST-EARLY 2ND
D	IX	II	007	B.66	CB 228 LATE 2ND-MID-4TH
D	IX	II	007	C.44	DO 6 AD 150-250
D	IX	II	007	R.125	BC 120 LATE 1ST-EARLY 2ND
D	IX	II	007	R.143	BC 19 LATE 1ST-EARLY 2ND
D	IX	II	007	R.146	BC 140 LATE 1ST-EARLY 2ND
D	IX	II	007	R.208	BC 350
D	IX	II	007	R.43	GA 7 AD 340 ON
D	IX	II	007A	B.34	CB 191 HADRIANIC-ANTONINE
D	IX	II	009	R.143	BC 19 LATE 1ST-EARLY 2ND
D	IX	II	010	O.241	*DK 18 1ST
D	IX	II	010	R.143	BC 19 LATE 1ST-EARLY 2ND
D	IX	II	010	R.247	*BK 24 1ST-2ND?
D	IX	II	010	R.51	GC 42 1ST-2ND
D	IX	II	072	R.143	BC 19 LATE 1ST-EARLY 2ND
D	IX	II	072	R.69	CCC 12 1ST-2ND
D	IX	II	072	R.93	CCC 21 HADRIANIC-ANTONINE
D	IX	II	073	R.52	GC 5 1ST-2ND
D	IX	II	083	O.158	CH 9
D	IX	II	083	R.133	BC 285 1ST
D	IX	II	083	R.52	GC 5 1ST-2ND
D	IX	II	083	R.56	GC 6 1ST-2ND
D	IX	II	083	R.62	GC 29 1ST-2ND
D	V	I	004	O.146	DE 78 LATE 3RD-4TH
D	V	I	004	R.143	BC 19 LATE 1ST-EARLY 2ND
D	V	I	011	O.274	DEA 143 2ND-3RD
D	V	I	014	R.143	BC 19 LATE 1ST-EARLY 2ND
D	V	I	014	R.144	*BC 20 LATE 1ST-EARLY 2ND

D	V	I	014	R.156	*BC 23	LATE 1ST-EARLY 2ND
D	V	I	014	R.161	*BC 95	LATE 1ST-EARLY 2ND
D	V	I	014	R.254	BC 101	1ST-2ND
D	V	I	016	R.225	*BC 133	1ST-EARLY 2ND
D	V	I	017	R.143	BC 19	LATE 1ST-EARLY 2ND
D	V	I	040	B.39	CB 70	HADRIANIC-ANTONINE
D	V	I	040	B.44	CB 43	3RD
D	V	I	040	B.46	CB 210	3RD
D	V	I	040	B.67	CB 23	2ND?
D	V	I	040	B.75	CB 165	HADRIANIC ON
D	V	I	040	B.9	CB 69	HADRIANIC- (ANTONINE)
D	V	I	040	O.132	DE 136	2ND-4TH
D	V	I	040	O.265	DE 1	2ND-3RD
D	V	I	040	O.349	DE 30	2ND-3RD
D	V	I	040	R.114	BA 34	1ST?
D	V	I	040	R.453	BC 255	1ST-2ND
D	V	I	046	O.265	DE 1	2ND-3RD
D	V	I	046	O.339	DIA 19	HADRIANIC-ANTONINE
D	V	I	046	R.374	BE 90	HADRIANIC-ANTONINE
D	V	I	052	B.39	CB 70	HADRIANIC-ANTONINE
D	V	I	052	O.265	DE 1	2ND-3RD
D	V	I	052	R.143	BC 19	LATE 1ST-EARLY 2ND
D	V	I	053	B.2	CB 222	2ND
D	V	I	053	B.3	CB 110	HADRIANIC-ANTONINE
D	V	I	053	B.36	CB 169	HADRIANIC-ANTONINE
D	V	I	053	B.40	CB 134	HADRIANIC-ANTONINE
D	V	I	071	B.17	CB 194	3RD
D	V	I	071	B.20	CB 80	MID 3RD-EARLY 4TH
D	V	I	071	B.24	CB 132	EARLY-MID-4TH
D	V	I	071	B.39	CB 70	HADRIANIC-ANTONINE
D	V	I	071	B.44	CB 43	3RD
D	V	I	071	B.46	CB 210	3RD
D	V	I	071	B.67	CB 23	2ND?
D	V	I	071	O.136	DEA 14	LATE 3RD-4TH
D	V	I	071	O.152	DI 8	LATE 3RD-4TH
D	V	I	071	O.274	DEA 143	2ND-3RD
D	V	I	071	R.325	*BC 173	1ST-2ND?
D	V	I	071	R.69	CCC 12	1ST-2ND
D	V	I	071	W.1	AB 14	1ST
D	V	I	086	B.67	CB 23	2ND?
D	V	I	086	R.143	BC 19	LATE 1ST-EARLY 2ND
D	V	I	087	B.21	CB 12	LATE 3RD-EARLY 4TH
D	V	I	087	B.26	CB 225	MID-LATE 3RD
D	V	I	087	B.39	CB 70	HADRIANIC-ANTONINE
D	V	I	087	B.44	CB 43	3RD
D	V	I	087	B.75	CB 165	HADRIANIC ON
D	V	I	087	O.116	DA 100	
D	V	I	087	O.125	DE 220	1ST-2ND?
D	V	I	087	O.133	DE 305	MID-2ND-LATE 3RD
D	V	I	087	O.136	DEA 14	LATE 3RD-4TH
D	V	I	087	O.140	DEA 303	2ND-3RD
D	V	I	087	O.162	DE 46	HADRIANIC-ANTONINE
D	V	I	087	O.163	DE 309	
D	V	I	087	O.185	DEA 167	NERONIAN-FLAVIAN
D	V	I	087	O.214	DE 313	
D	V	I	087	O.265	DE 1	2ND-3RD
D	V	I	087	O.274	DEA 143	2ND-3RD
D	V	I	087	O.389	DA 20	1ST?
D	V	I	087	O.390	CH 14	1ST?
D	V	I	087	O.409	DA 19	
D	V	I	087	O.417	DW 41	LATE 1ST-2ND
D	V	I	087	O.424	DE 178	MID-3RD-4TH
D	V	I	087	O.61	DE 137	

D	V	I	087	O.85	DA 3
D	V	I	087	R.143	BC 19 LATE 1ST-EARLY 2ND
D	V	I	087	R.192	*BC 114 HADRIANIC-ANTONINE
D	V	I	087	R.24	*BF 60 1ST-2ND
D	V	I	087	R.318	BB 30
D	V	I	087	R.50	GB 8 1ST-2ND
D	V	I	087	R.52	GC 5 1ST-2ND
D	V	I	087	W.13	ED 4
D	V	I	088	B.34	CB 191 HADRIANIC-ANTONINE
D	V	I	088	B.67	CB 23 2ND?
D	V	I	088	O.257	FB 1
D	V	I	088	O.282	DIA 50 2ND-3RD
D	V	I	098	B.34	CB 191 HADRIANIC-ANTONINE
D	V	I	098	B.39	CB 70 HADRIANIC-ANTONINE
D	V	I	098	O.369	DE 80 2ND-4TH
D	V	I	098	R.143	BC 19 LATE 1ST-EARLY 2ND
D	VI	I	006	B.21	CB 55 LATE 3RD-EARLY 4TH
D	VI	I	006	B.33	CB 122 HADRIANIC-ANTONINE
D	VI	I	006	B.34	CB 191 HADRIANIC-ANTONINE
D	VI	I	006	B.34	CB 227 HADRIANIC-ANTONINE
D	VI	I	006	B.35	CB 230 HADRIANIC-ANTONINE
D	VI	I	006	B.36	CB 169 HADRIANIC-ANTONINE
D	VI	I	006	B.38	CB 105
D	VI	I	006	B.61	CB 89 ANTONINE-MID 4TH
D	VI	I	006	O.127	DEA 410 MID-LATE 2ND
D	VI	I	006	O.147	DE 393 LATE 3RD-4TH
D	VI	I	006	O.156	DW 26 4TH
D	VI	I	006	O.189	DEA 294
D	VI	I	006	O.202	*DI 25 2ND?
D	VI	I	006	O.248	DE 109
D	VI	I	006	O.330	DEA 157 MID 1ST-LATE 2ND
D	VI	I	006	O.343	DEA 365 2ND
D	VI	I	006	O.345	DA 115 3RD
D	VI	I	006	C.368	DE 291
D	VI	I	006	O.429	DEA 162 1ST
D	VI	I	006	O.76	DU 1 2ND-3RD
D	VI	I	006	R.107	GA 2 AD 340 ON
D	VI	I	006	R.37	(GA 12) 2ND-4TH
D	VI	I	006	R.43	GA 14 AD 340 ON
D	VI	I	006	R.9	*BA 1 1ST-2ND
D	VI	I	006	R.94	CCC 35 HADRIANIC-ANTONINE
D	VI	I	018A	B.40	CB 134 HADRIANIC-ANTONINE
D	VI	I	018A	B.44	CB 43 3RD
D	VI	I	018A	O.265	DE 1 2ND-3RD
D	VI	I	018A	R.113	*BF 45 LATE 1ST-EARLY 2ND
D	VI	I	018A	R.143	BC 19 LATE 1ST-EARLY 2ND
D	VI	I	018A	R.455	*BA 8 1ST-2ND
D	VI	I	019	B.33	CB 122 HADRIANIC-ANTONINE
D	VI	I	019	R.173	BC 52 HADRIANIC-ANTONINE
D	VI	I	019	R.203	CT 1
D	VI	I	026	B.27	CB 133 4TH?
D	VI	I	026	R.143	BC 19 LATE 1ST-EARLY 2ND
D	VI	I	034	B.12	CB 206 EARLY 3RD
D	VI	I	034	B.17	CB 194 3RD
D	VI	I	034	B.20	CB 80 MID 3RD-EARLY 4TH
D	VI	I	034	B.21	CB 12 LATE 3RD-EARLY 4TH
D	VI	I	034	B.67	CB 23 2ND?
D	VI	I	034	O.136	DEA 14 LATE 3RD-4TH
D	VI	I	034	O.142	DE 52 LATE 3RD-4TH
D	VI	I	034	O.309	DEA 148 1ST-2ND
D	VI	I	034	O.349	DE 90 2ND-3RD
D	VI	I	034	R.110	GA 24 LATE 3RD ON
D	VI	I	034	R.143	BC 19 LATE 1ST-EARLY 2ND

D	VI	I	036	B.17	CB 194	3RD
D	VI	I	036	B.20	CB 80	MID 3RD-EARLY 4TH
D	VI	I	036	B.21	CB 12	LATE 3RD-EARLY 4TH
D	VI	I	036	B.27	CB 133	4TH?
D	VI	I	036	B.4	CB 204	HADRIANIC-ANTONINE
D	VI	I	036	B.44	CB 43	3RD
D	VI	I	036	B.67	CB 23	2ND?
D	VI	I	036	B.69	CB 195	LATE 2ND-MID-4TH
D	VI	I	036	B.74	CB 2	LATE 2ND-MID-4TH
D	VI	I	036	B.75	CB 165	HADRIANIC ON
D	VI	I	036	B.9	CB 69	HADRIANIC- (ANTONINE)
D	VI	I	036	C.24	DO 9	
D	VI	I	036	O.132	DE 136	2ND-4TH
D	VI	I	036	O.162	DE 102	HADRIANIC-ANTONINE
D	VI	I	036	O.200	DE 146	1ST-2ND
D	VI	I	036	O.214	DE 313	
D	VI	I	036	O.274	DEA 143	2ND-3RD
D	VI	I	036	O.38	DW 16	
D	VI	I	036	R.121	BC 232	LATE 1ST-EARLY 2ND
D	VI	I	036	R.143	BC 19	LATE 1ST-EARLY 2ND
D	VI	I	036	R.42	GA 6	3RD-4TH
D	VI	I	036	W.22	EB 61	
D	VI	I	047	B.39	CB 70	HADRIANIC-ANTONINE
D	VI	I	047	B.40	CB 134	HADRIANIC-ANTONINE
D	VI	I	047	C.25	DO 3	C AD 150-250
D	VI	I	047	O.119	*DA 14	1ST-3RD
D	VI	I	047	R.133	BC 285	1ST
D	VI	I	047	R.143	BC 19	LATE 1ST-EARLY 2ND
D	VI	I	047	R.150	BE 60	LATE 1ST-EARLY 2ND
D	VI	I	047	R.242	BG 6	1ST-2ND
D	VI	I	047	R.246	CT 28	1ST-2ND
D	VI	I	047	R.341	BB 27	2ND
D	VI	I	047	R.361	*BF 32	HADRIANIC-ANTONINE
D	VI	I	047	R.426	BB 45	2ND
D	VI	I	049	B.11	CB 47	HADRIANIC- (ANTONINE)
D	VI	I	049	B.67	CB 23	2ND?
D	VI	I	049	O.245	DA 96	1ST-2ND
D	VI	I	049	O.25	DEA 128	2ND?
D	VI	I	049	R.262	BU 9	1ST-2ND?
D	VI	I	063	B.3	CB 110	HADRIANIC-ANTONINE
D	VI	I	063	B.5	CB 44	HADRIANIC-ANTONINE
D	VI	I	063	O.265	DE 1	2ND-3RD
D	VI	I	063	R.229	*BF 53	2ND
D	VI	I	091	B.11	CB 47	HADRIANIC- (ANTONINE)
D	VI	I	091	B.3	CB 110	HADRIANIC-ANTONINE
D	VI	I	091	B.37	CB 229	
D	VI	I	091	O.126	DEA 67	
D	VI	I	091	O.365	DA 76	2ND-4TH
D	VI	I	091	R.446	CT 3	1ST-3RD
D	VI	I	101	R.114	BA 34	1ST?
D	VI	I	101	R.13	*BA 23	1ST-2ND
D	VI	I	101	R.143	BC 19	LATE 1ST-EARLY 2ND
D	VI	I	101	R.279	BBA 55	1ST-2ND?
D	VI	I	101	R.362	BC 163	HADRIANIC-ANTONINE
D	VI	I	101	R.440	BC 166	2ND-3RD?
D	VI	I	102	B.22	CB 35	2ND
D	VI	I	102	B.67	CB 23	2ND?
D	VI	I	102	O.200	DE 146	1ST-2ND
D	VI	I	102	O.252	*CH 2	1ST
D	VI	I	102	O.254	DE 120	1ST-2ND
D	VI	I	102	R.13	*BA 23	1ST-2ND
D	VI	I	102	R.143	BC 19	LATE 1ST-EARLY 2ND
D	VI	I	102	R.270	BR 8	1ST-2ND?

D	VI	I	102	R.274	*BF 22	1ST-2ND?
D	VI	I	102	R.311	*BC 129	1ST-2ND
D	VI	I	102	R.324	BC 8	1ST?
D	VI	I	102	R.399	*BC 32	1ST-2ND
D	VI	I	114	O.314	DI 2	1ST-2ND
D	VI	I	115	R.173	BC 52	HADRIANIC-ANTONINE
D	VI	I	115	R.350	BU 13	1ST?
D	VI	I	120	B.67	CB 23	2ND?
D	VI	I	120	C.58	DF 43	AD 270-400
D	VI	I	120	R.143	BC 19	LATE 1ST-EARLY 2ND
D	VI	I	120	R.156	*BC 23	LATE 1ST-EARLY 2ND
D	VI	I	123	O.230	CM 3	1ST-2ND
D	VI	I	124	B.20	CB 80	MID 3RD-EARLY 4TH
D	VI	I	124	B.21	CB 12	LATE 3RD-EARLY 4TH
D	VI	I	124	B.67	CB 23	2ND?
D	VI	I	124	O.126	DEA 67	
D	VI	I	124	O.146	DE 9	LATE 3RD-4TH
D	VI	I	124	O.228	DE 10	
D	VI	I	124	O.367	DE 182	2ND-4TH
D	VI	I	124	O.415	DW 39	LATE 1ST-LATE 2ND
D	VI	I	124	O.75	*DW 2	LATE 1ST-MID 2ND
D	VI	I	124	R.157	*BC 306	LATE 1ST-EARLY 2ND
D	VI	I	124	R.161	*BC 95	LATE 1ST-EARLY 2ND
D	VI	I	130	R.143	BC 19	LATE 1ST-EARLY 2ND
D	VI	I	135	B.68	CB 177	2ND
D	VI	I	135	O.136	DEA 14	LATE 3RD-4TH
D	VI	I	135	R.143	BC 19	LATE 1ST-EARLY 2ND
D	VI	I	135	R.237	BC 69	1ST-2ND
D	VI	I	143	R.412	BC 278	HADRIANIC-ANTONINE
D	VI	I	143	R.446	CI 3	1ST-3RD
D	VI	I	146	B.14	CB 75	HADRIANIC-ANTONINE
D	VI	I	146	O.84	DA 1	1ST-2ND
D	VI	I	148	O.298	DE 125	1ST-2ND
D	VI	I	148	R.245	BU 15	1ST-EARLY 2ND
D	VI	I	148	R.260	BC 349	1ST-2ND?
D	VI	I	150	R.143	BC 19	LATE 1ST-EARLY 2ND
D	VI	I	150	R.460	BC 274	
D	VI	I	159	O.119	*DA 14	1ST-3RD
D	VI	I	169	R.166	BR 1	1ST
D	VI	I	169	R.176	*BF 29	HADRIANIC-ANTONINE
D	VI	I	206	B.11	CB 47	HADRIANIC-(ANTONINE)
D	VI	I	206	B.39	CB 70	HADRIANIC-ANTONINE
D	VI	I	206	O.311	DEA 201	1ST-2ND
D	VI	I	206	O.359	DE 101	3RD
D	VI	I	206	O.409	DEA 201	
D	VI	I	206	R.250	*BC 152	1ST-2ND
D	VI	I	244	B.39	CB 70	HADRIANIC-ANTONINE
D	VI	I	244	R.113	*BC 118	LATE 1ST-EARLY 2ND
D	VI	I	244	R.397	*BK 1	
D	VI?	I	003	R.450	GC 14	1ST-2ND
D	VI?	I	005	B.5	CB 44	HADRIANIC-ANTONINE
D	VI?	I	005	O.153	DIA 45	LATE 3RD-4TH
D	VI?	I	005	R.195	BE 92	HADRIANIC-ANTONINE
D	VI?	I	005	R.208	BC 350	
D	VI?	I	005	R.39	(GA 10)	1ST-2ND
D	VII	I	195	B.50	CB 94	LATE 3RD-MID-4TH
D	VII	I	195	R.43	GA 14	AD 340 ON
D	VII	II	041	O.84	DA 1	1ST-2ND
D	VII	II	041	R.127	BC 43	LATE 1ST-EARLY 2ND
D	VII	II	041	R.143	BC 19	LATE 1ST-EARLY 2ND
D	VII	II	041	R.152	*BC 33	LATE 1ST-EARLY 2ND
D	VII	II	041	R.52	GC 5	1ST-2ND
D	VIII	I	002	B.16	CB 91	2ND

D	VIII	I	002	B.3	CB 110	HADRIANIC-ANTONINE
D	VIII	I	002	B.31	CB 257	
D	VIII	I	002	B.34	CB 191	HADRIANIC-ANTONINE
D	VIII	I	002	B.36	CB 169	HADRIANIC-ANTONINE
D	VIII	I	002	B.39	CB 70	HADRIANIC-ANTONINE
D	VIII	I	002	B.41	CB 60	ANTONINE
D	VIII	I	002	B.55	CB 205	EARLY-MID-4TH
D	VIII	I	002	B.67	CB 23	2ND?
D	VIII	I	002	C.31	DF 41	AD 270-400
D	VIII	I	002	O.119	*DA 14	1ST-3RD
D	VIII	I	002	O.174	*DZ 5	2ND
D	VIII	I	002	O.248	DE 109	
D	VIII	I	002	O.274	DEA 143	2ND-3RD
D	VIII	I	002	O.338	DIA 14	MID-1ST-LATE 2ND
D	VIII	I	002	O.437	DX 1	
D	VIII	I	002	R.143	BC 19	LATE 1ST-EARLY 2ND
D	VIII	I	002	R.144	*BC 112	LATE 1ST-EARLY 2ND
D	VIII	I	002	R.151	BG 131	LATE 1ST-EARLY 2ND
D	VIII	I	002	R.154	*BC 42	LATE 1ST-EARLY 2ND
D	VIII	I	002	R.230	BC 113	2ND
D	VIII	I	002	R.250	BD 21	1ST-2ND
D	VIII	I	002	R.273	BD 4	1ST-2ND?
D	VIII	I	002	R.332	BC 177	MID-LATE 1ST
D	VIII	I	002	R.374	BE 90	HADRIANIC-ANTONINE
D	VIII	I	002	R.411	BC 74	2ND
D	VIII	I	002	R.460	BC 267	
D	VIII	I	002	R.51	GC 42	1ST-2ND
D	VIII	I	002	R.51-68	GC 2	
D	VIII	I	002A	B.11	CB 47	HADRIANIC- (ANTONINE)
D	VIII	I	002A	B.17	CB 194	3RD
D	VIII	I	002A	B.20	CB 80	MID 3RD-EARLY 4TH
D	VIII	I	002A	B.32	CB 123	
D	VIII	I	002A	B.38	CB 105	
D	VIII	I	002A	B.39	CB 70	HADRIANIC-ANTONINE
D	VIII	I	002A	B.67	CB 23	2ND?
D	VIII	I	002A	B.9	CB 69	HADRIANIC- (ANTONINE)
D	VIII	I	002A	C.57	DF 35	AD 270-400
D	VIII	I	002A	C.59	DF 18	AD 270-350
D	VIII	I	002A	O.265	DE 1	2ND-3RD
D	VIII	I	002A	O.274	DEA 143	2ND-3RD
D	VIII	I	002A	O.351	DE 105	LATE 2ND-LATE 3RD
D	VIII	I	002A	O.359	DE 101	3RD
D	VIII	I	002A	R.111	GA 5	LATE 3RD ON
D	VIII	I	002A	R.330	CJ 1	HADRIANIC ON
D	VIII	I	002A	R.463	BB 49	2ND
D	VIII	I	023	B.38	CB 105	
D	VIII	I	023	B.43	CB 237	HADRIANIC-ANTONINE?
D	VIII	I	023	B.46	CB 210	3RD
D	VIII	I	023	O.369	DE 80	2ND-4TH
D	VIII	I	024	B.9	CB 69	HADRIANIC- (ANTONINE)
D	VIII	I	024	O.143	DE 113	LATE 3RD-4TH
D	VIII	I	024	O.180	DE 111	2ND
D	VIII	I	024	O.223	FA 12	LATE 1ST-MID 2ND
D	VIII	I	024	O.223	*DE 90	LATE 1ST-MID 2ND
D	VIII	I	024	O.244	*DK 5	
D	VIII	I	024	O.274	DEA 143	2ND-3RD
D	VIII	I	024	O.279	DEA 346	2ND-3RD
D	VIII	I	024	O.359	DE 101	3RD
D	VIII	I	024	O.395	*BE 39	1ST-2ND
D	VIII	I	024	O.398	DE 34	1ST-3RD
D	VIII	I	024	R.221	BA 33	LATE 1ST-EARLY 2ND
D	VIII	I	025	B.11	CB 47	HADRIANIC- (ANTONINE)
D	VIII	I	025	B.6	CB 87	LATE 2ND-EARLY 3RD

D	VIII	I	025	B.60	CB 221	HADRIANIC-ANTONINE
D	VIII	I	025	B.67	CB 23	2ND?
D	VIII	I	025	O.142	DE 52	LATE 3RD-4TH
D	VIII	I	025	O.165	DE 63	
D	VIII	I	025	O.196	CH 15	FLAVIAN?
D	VIII	I	025	O.227	EJ 1	ANTONINE
D	VIII	I	025	O.274	DEA 143	2ND-3RD
D	VIII	I	025	O.282	DIA 50	2ND-3RD
D	VIII	I	025	O.345	DEA 104	3RD
D	VIII	I	025	R.261	BE 33	1ST-2ND?
D	VIII	I	025	R.292	*BF 28	1ST-2ND?
D	VIII	I	025	W.37	EB 17	LATE 1ST
D	VIII	I	051	B.3	CB 110	HADRIANIC-ANTONINE
D	VIII	I	051	B.6	CB 87	LATE 2ND-EARLY 3RD
D	VIII	I	051	O.274	DEA 143	2ND-3RD
D	VIII	I	207	O.198	*DW 22	FLAVIAN?
D	VIII	I	208	O.286	DW 1	LATE 2ND-3RD
D	VIII	I	214	B.39	CB 70	HADRIANIC-ANTONINE
D	VIII	I	214	B.40	CB 134	HADRIANIC-ANTONINE
D	VIII	I	214	O.155	DK 10	LATE 3RD-4TH
D	VIII	I	214	O.347	DE 51	3RD
D	VIII	I	214	R.229	*BF 53	2ND
D	VIII	I	214	R.269	BG 95	1ST-2ND?
D	VIII	I	214	W.47	AB 7	AD 240 ON?
D	VIII	I	227	B.67	CB 23	2ND?
D	VIII	II	015	B.5	CB 44	HADRIANIC-ANTONINE
D	VIII	II	015	O.23	DE 56	LATE 1ST-EARLY 2ND
D	VIII	II	015	O.30	DEA 211	LATE 1ST-EARLY 2ND
D	VIII	II	015	O.377	*DIA 20	1ST-2ND
D	VIII	II	015	O.45	DE 194	1ST-2ND
D	VIII	II	015	O.84	DA 1	1ST-2ND
D	VIII	II	015	R.123	BC 123	LATE 1ST-EARLY 2ND
D	VIII	II	015	R.143	BC 19	LATE 1ST-EARLY 2ND
D	VIII	II	015	R.144	*BC 20	LATE 1ST-EARLY 2ND
D	VIII	II	015	R.43	GA 14	AD 340 ON
D	VIII	II	030	O.81	*DW 6	LATE 1ST-MID-2ND
D	VIII	II	030	R.131	*BF 75	1ST?
D	VIII	II	030	R.282	*BC 1	1ST-2ND?
D	VIII	II	069	O.84	DA 1	1ST-2ND
D	VIII	II	069	R.119	BC 239	LATE 1ST-EARLY 2ND
D	VIII	II	069	R.151	*BC 96	LATE 1ST-EARLY 2ND
D	VIII	II	069	R.52	GC 5	1ST-2ND
D	VIII	II	070	R.119	BC 239	LATE 1ST-EARLY 2ND
D	VIII	II	070	R.125	BC 120	LATE 1ST-EARLY 2ND
D	VIII	II	070	R.143	BC 19	LATE 1ST-EARLY 2ND
D	VIII	II	070	R.270	BK 8	1ST-2ND?
D	VIII	II	084	R.143	BC 19	LATE 1ST-EARLY 2ND
D	VIII	II	093	O.198	*DW 22	FLAVIAN?
E		I	016A	O.361	DE 188	FLAVIAN?
E		I	036B	R.67	GC 15	1ST-2ND
E		I	037	O.200	DE 146	1ST-2ND
E		I	049	R.143	BC 19	LATE 1ST-EARLY 2ND
E		I	081	O.162	DEA 21	HADRIANIC-ANTONINE
E		II	003	B.50	CB 94	LATE 3RD-MID-4TH
E		II	003	B.55	CB 205	EARLY-MID-4TH
E		II	020	R.143	BC 19	LATE 1ST-EARLY 2ND
E		II	028	R.116	BC 170	LATE 1ST-EARLY 2ND
E		II	028	R.151	BG 145	LATE 1ST-EARLY 2ND
E		II	028	R.163	BG 145	LATE 1ST-EARLY 2ND
E		II	028	R.163	*BC 180	LATE 1ST-EARLY 2ND
E		II	028	R.173	CT 36	HADRIANIC-ANTONINE
E		II	039	R.120	*BK 23	LATE 1ST-EARLY 2ND
E		III	009A	O.309	DEA 148	1ST-2ND

E		III	022A	O.228	DE 10
E		III	031A	R.388	CCC 39 3RD-4TH
E		III	031A	R.390	*CH 6 HADRIANIC-ANTONINE
E		III	061	W.32	EB 31 LATE 1ST-2ND
E		III	087	R.34	*BC 216
E		IV	002	O.198	DE 133 FLAVIAN?
E		IV	002	R.127	BC 43 LATE 1ST-EARLY 2ND
E		IV	002	R.154	*BC 42 LATE 1ST-EARLY 2ND
E		IV	002	R.173	BC 52 HADRIANIC-ANTONINE
E		IV	020	W.43	ED 27 LATE 1ST-2ND
E		IV	024	B.21	CB 12 LATE 3RD-EARLY 4TH
E		IV	024	B.22	CB 35 2ND
E		IV	024	R.460	BC 12
E		IV	0477	R.144	*BC 112 LATE 1ST-EARLY 2ND
E		V	002	B.51	CB 263 LATE 3RD-MID-4TH
E		V	002	B.54	CB 84 EARLY-MID-4TH
E		V	016	R.143	BC 19 LATE 1ST-EARLY 2ND
E		V	016	R.488	*BC 66
E		V	038	O.364	DA 116
E		V	038	R.143	BC 19 LATE 1ST-EARLY 2ND
E		V	038	R.173	BC 52 HADRIANIC-ANTONINE
E		V	038	R.248	BC 65 1ST-2ND?
E		V	038	R.87	CCC 37 ANTONINE
E		V	131	R.143	BC 128 LATE 1ST-EARLY 2ND
E		VI	002	O.265	DE 1 2ND-3RD
E		VI	002	O.314	DI 2 1ST-2ND
E		VI	002	O.50	*DE 85 1ST-3RD
E		VI	015	R.86	ANTONINE
E		VI	033	O.36	DK 15 NERONIAN-FLAVIAN
E		VII	001	B.40	CB 134 HADRIANIC-ANTONINE
E		VII	001	B.44	CB 43 3RD
E		VII	001	B.5	CB 44 HADRIANIC-ANTONINE
E		VII	001	C.66	DH 50 AD 240-400
E		VIII	U/S	R.74	CCC 28 1ST-EARLY 2ND
E	III	I	010	R.448	BA 35 1ST-2ND?
E	III	I	015	R.143	BC 19 LATE 1ST-EARLY 2ND
E	III	I	036	R.143	BC 19 LATE 1ST-EARLY 2ND
E	III	II	078	R.143	BC 19 LATE 1ST-EARLY 2ND
E	III	II	092	R.101	CCE 11 2ND-4TH
E	III	III	056	R.143	BC 19 LATE 1ST-EARLY 2ND
E	III	IV	023	O.338	DIA 14 MID-1ST-LATE 2ND
E	III	IV	023	R.145	BE 42 1ST-EARLY 2ND
E	III	IV	051	R.180	*EK 26
E	III	IV	051	R.243	*BC 157 1ST-2ND
E	III	IV	059	R.236	BC 64 1ST-2ND
E	III	IV	059	R.362	BC 163 HADRIANIC-ANTONINE
E	III	VI	009	R.137	BC 148 LATE 1ST-EARLY 2ND
E	III	VI	009	R.324	BC 269 1ST?
E	IV	II	032	R.143	BC 19 LATE 1ST-EARLY 2ND
E	IV	II	032	R.161	*BC 95 LATE 1ST-EARLY 2ND
E	IV	II	032	R.488	*BC 66
E	IV	II	032	R.69	CCC 12 1ST-2ND
E	IV	II	032	R.82	CCC 41 1ST-EARLY 2ND
E	IV	II	033	B.36	CB 169 HADRIANIC-ANTONINE
E	IV	II	033	B.39	CB 70 HADRIANIC-ANTONINE
E	IV	II	033	O.7	DE 204 MID-2ND-MID-3RD
E	IV	II	037	R.113	*BC 118 LATE 1ST-EARLY 2ND
E	IV	II	037	R.143	BC 19 LATE 1ST-EARLY 2ND
E	IV	II	041	R.143	BC 19 LATE 1ST-EARLY 2ND
E	IV	II	045	B.5	CB 44 HADRIANIC-ANTONINE
E	IV	II	055	R.362	BC 163 HADRIANIC-ANTONINE
E	IV	II	055	R.377	BK 6 HADRIANIC-ANTONINE?
E	IV	IV	036	C.77	*DE 122

E	IV	IV	036	O.119	*DA 14	1ST-3RD
E	IV	IV	036	O.348	DE 19	LATE 2ND-3RD
E	IV	IV	038	R.73	CCC 1	1ST-EARLY 2ND
E	IV	IV	038	R.78	CCC 3	1ST-EARLY 2ND
E	IV	IV	053	R.143	BC 19	LATE 1ST-EARLY 2ND
E	IV	V	024	R.125	BC 120	LATE 1ST-EARLY 2ND
E	IV	V	024	R.143	BC 19	LATE 1ST-EARLY 2ND
E	IV	V	024	R.144	*BC 112	LATE 1ST-EARLY 2ND
E	IV	V	024	R.356	BC 14	2ND
E	IV	V	024	R.362	BC 163	HADRIANIC-ANTONINE
E	U/S	I	001	B.3	CB 110	HADRIANIC-ANTONINE
E	U/S	II	001	O.142	DE 52	LATE 3RD-4TH
E	U/S	II	001	O.164	DEA 79	HADRIANIC-ANTONINE?
E	U/S	II	001	O.265	DE 1	2ND-3RD
E	U/S	II	001	R.43	GA 14	AD 340 ON
E	U/S	II	001	W.19	EB 14	
E	U/S	III	001	R.143	BC 19	LATE 1ST-EARLY 2ND
E	U/S	III	002	O.451	DE 121	
E	U/S	IV	001	CW.12	DM 23	4TH
E	U/S	IV	001	O.146	DE 9	LATE 3RD-4TH
E	U/S	IV	001	R.89	CCC 15	ANTONINE
E	U/S	IV	003	R.416	*BC 160	2ND?
E	U/S	IV	016	O.119	*DA 14	1ST-3RD
E	U/S	IV	016	O.186	DEA 191	1ST?
E	U/S	IV	016	O.274	DEA 143	2ND-3RD
E	U/S	IV	016	O.423	DW 71	MID-3RD-4TH
E	U/S	IV	016	R.143	BC 19	LATE 1ST-EARLY 2ND
E	U/S	IV	016	R.152	*BC 33	LATE 1ST-EARLY 2ND
E	U/S	IV	016	R.84	CCC 38	ANTONINE
E	U/S	V	001	O.136	DEA 14	LATE 3RD-4TH
E	U/S	V	001	O.265	DE 1	2ND-3RD
E	V	II	027	R.143	BC 19	LATE 1ST-EARLY 2ND
E	V	II	031A	O.265	DE 1	2ND-3RD
E	V	II	031A	R.69	CCC 12	1ST-2ND
E	V	II	031A	R.82	CCC 41	1ST-EARLY 2ND
E	V	II	034	B.32	CB 123	
E	V	II	034	B.67	CB 23	2ND?
E	V	II	034	O.186	DEA 191	1ST?
E	V	II	034	O.245	DA 96	1ST-2ND
E	V	II	034	O.265	DE 1	2ND-3RD
E	V	II	034	R.144	*BC 112	LATE 1ST-EARLY 2ND
E	V	II	034	R.151	BG 131	LATE 1ST-EARLY 2ND
E	V	II	034	R.154	*BC 42	LATE 1ST-EARLY 2ND
E	V	II	034	R.69	CCC 12	1ST-2ND
E	V	II	034	R.84	CCC 38	ANTONINE
E	V	II	034	W.5	EB 18	LATE 1ST-EARLY 2ND
E	V	II	044	R.125	BC 120	LATE 1ST-EARLY 2ND
E	V	II	044	R.143	BC 19	LATE 1ST-EARLY 2ND
E	V	II	044	R.143	BC 19	LATE 1ST-EARLY 2ND
E	V	II	046	C.18	DT 26	TRAJANIC
E	V	II	046	R.143	BC 19	LATE 1ST-EARLY 2ND
E	V	IV	030	O.119	*DA 14	1ST-3RD
E	V	IV	030	O.400	*DI 7	
E	V	IV	030	R.73	CCC 1	1ST-EARLY 2ND
E	V	IV	030	R.74	CCC 28	1ST-EARLY 2ND
E	V	IV	032	R.348	BF 42	1ST (-2ND)
E	V	IV	035	O.186	DEA 191	1ST?
E	V	IV	035	R.143	BC 19	LATE 1ST-EARLY 2ND
E	V	IV	039	R.362	BC 163	HADRIANIC-ANTONINE
E	V	IV	045	O.186	DEA 191	1ST?
E	V	IV	045	O.314	DEA 107	1ST-2ND
E	V	IV	047	O.58	DE 193	LATE 1ST-MID 2ND
E	V	IV	047	O.84	DA 1	1ST-2ND

E	V	IV	047	R.138	*BA 9	LATE 1ST-EARLY 2ND
E	V	IV	047	R.143	BC 19	LATE 1ST-EARLY 2ND
E	V	IV	047	R.160	*BR 26	
E	V	IV	047	R.71	CCC 10	1ST-EARLY 2ND
E	V	IV	047	R.89	CCC 15	ANTONINE
E	V	IV	050	R.56	JC 6	1ST-2ND
E	V	IV	057	O.185	DEA 167	NERONIAN-FLAVIAN
E	V	IV	057A	O.265	DE 1	2ND-3RD
E	V	IV	068	O.186	DEA 191	1ST?
E	V	IV	068	O.312	*DW 24	1ST-2ND
E	V	IV	068	O.314	DEA 107	1ST-2ND
E	V	V	022	O.119	*DA 14	1ST-3RD
E	V	V	022	O.294	DA 5	1ST-2ND
E	V	V	022	R.143	BC 19	LATE 1ST-EARLY 2ND
E	V	V	022	R.144	*BC 112	LATE 1ST-EARLY 2ND
E	V	V	022	R.173	BC 52	HADRIANIC-ANTONINE
E	V	V	022	R.212	BC 57	2ND
E	V	V	036	R.143	BC 128	LATE 1ST-EARLY 2ND
E	V	V	037	O.364	DA 116	
E	V	V	044	R.143	BC 19	LATE 1ST-EARLY 2ND
E	VI	I	011	R.143	BC 19	LATE 1ST-EARLY 2ND
E	VI	I	038	R.143	BC 19	LATE 1ST-EARLY 2ND
E	VI	I	039	R.460	BC 273	
E	VI	II	010	O.267	DE 87	4TH
E	VI	II	010	O.274	DEA 143	2ND-3RD
E	VI	II	010	O.338	DIA 14	MID-1ST-LATE 2ND
E	VI	II	010	O.351	DE 105	LATE 2ND-LATE 3RD
E	VI	II	010	R.392	CCC 9	
E	VI	II	010	R.393	CCC 11	2ND-4TH
E	VI	II	011	O.185	DEA 167	NERONIAN-FLAVIAN
E	VI	II	011	O.199	DE 94	FLAVIAN?
E	VI	II	011	R.173	BC 52	HADRIANIC-ANTONINE
E	VI	II	011	R.98	CCC 24	ANTONINE
E	VI	II	019	O.265	DE 1	2ND-3RD
E	VI	II	019	R.143	BC 19	LATE 1ST-EARLY 2ND
E	VI	II	019A	O.265	DE 1	2ND-3RD
E	VI	II	021	R.73	CCC 1	1ST-EARLY 2ND
E	VI	II	021	R.90	CCC 4	ANTONINE
E	VI	II	030	R.161	*BC 95	LATE 1ST-EARLY 2ND
E	VI	II	031	O.7	DE 204	MID-2ND-MID-3RD
E	VI	IV	018	O.265	DE 1	2ND-3RD
E	VI	IV	018	R.143	BC 19	LATE 1ST-EARLY 2ND
E	VI	IV	022	B.42	CB 234	MID-LATE 2ND
E	VI	IV	022	O.338	DIA 14	MID-1ST-LATE 2ND
E	VI	IV	022	R.143	BC 19	LATE 1ST-EARLY 2ND
E	VI	IV	025	O.186	DEA 191	1ST?
E	VI	IV	025	O.442	DEA 192	
E	VI	IV	025	R.173	BC 52	HADRIANIC-ANTONINE
E	VI	IV	028	W.34	EB 26	LATE 1ST-2ND
E	VI	IV	046	R.154	*BC 42	LATE 1ST-EARLY 2ND
E	VI	IV	056	O.84	DA 1	1ST-2ND
E	VI	V	018	R.143	BC 19	LATE 1ST-EARLY 2ND
E	VI	V	018	R.69	CCC 12	1ST-2ND
E	VI	V	018	R.84	CCC 38	ANTONINE
E	VI	V	019	B.29	CB 199	1ST-2ND
E	VII	III	027	R.13	*BA 23	1ST-2ND
E	VII	III	027	R.143	BC 19	LATE 1ST-EARLY 2ND
E	VIII	III	013	B.9	CB 69	HADRIANIC-(ANTONINE)
E	VIII	III	013	O.274	DEA 143	2ND-3RD
E	VIII	III	013	O.276	DEA 308	LATE 2ND-3RD
E	VIII	III	031	R.388	CCC 39	3RD-4TH
E	VIII	III	031	R.389	*CB 212	3RD-4TH
E	VIII	III	031	R.390	*CH 6	HADRIANIC-ANTONINE

E	VIII/XIII	III	014	O.296	*DE 219	1ST-2ND
E	VIII/XIII	III	017	O.265	DE 1	2ND-3RD
E	XIII	I	003	R.459	BE 106	
E	XIII	II	005	R.451	*BF 19	HADRIANIC-ANTONINE
E	XIII	II	009	B.22	CB 235	2ND
E	XIII	II	009	B.5	CB 44	HADRIANIC-ANTONINE
E	XIII	II	009	B.67	CB 23	2ND?
E	XIII	II	009	O.265	DE 1	2ND-3RD
E	XIII	II	009	O.349	DE 90	2ND-3RD
E	XIII	II	009	R.143	BC 19	LATE 1ST-EARLY 2ND
E	XIII	II	018	O.165	DEA 20	
E	XIII	II	018	O.265	DE 1	2ND-3RD
E	XIII	III	006	O.22	DE 232	LATE 1ST-2ND
E	XIII	III	006	O.265	DE 1	2ND-3RD
E	XIII	III	038	O.274	DEA 143	2ND-3RD
E	XIII	III	038	O.313	DEA 13	1ST-2ND
E	XIII	IV	006	O.265	DE 1	2ND-3RD
E	XIII	IV	007	C.67	DTA 21	
E	XIII	IV	007	O.126	DEA 67	
E	XIII	IV	007	O.248	DE 109	
E	XIII	IV	007	O.265	DE 1	2ND-3RD
E	XIII	IV	007	O.338	DIA 14	MID-1ST-LATE 2ND
E	XIII	IV	015	O.136	DEA 14	LATE 3RD-4TH
E	XIII	IV	015	R.134	BC 189	EARLY 2ND?
E	XIII	IV	015	R.243	*BC 157	1ST-2ND
E	XIII	IV	015	R.89	CCC 15	ANTONINE
E	XIII	IV	015	W.39	EB 62	AD 240-400
E	XIII	V	004	B.20	CB 80	MID 3RD-EARLY 4TH
E	XIII	V	004	R.460	BG 21	
E	XIII	V	006	B.19	CB 208	HADRIANIC-(ANTONINE)
E	XIII	V	006	B.67	CB 23	2ND?
E	XIII	V	006	O.31	DEA 203	LATE 1ST-EARLY 2ND
E	XIII	V	006	R.173	BC 52	HADRIANIC-ANTONINE
E	XIII	V	006	R.69	CCC 12	1ST-2ND
E	XIII	V	007	O.254	DE 120	1ST-2ND
E	XIII	V	011	B.67	CB 23	2ND?
E	XIII	V	031	R.144	*BC 112	LATE 1ST-EARLY 2ND
E	XIII	V	031	R.173	BC 52	HADRIANIC-ANTONINE
E	XIII	V	031	W.12	ED 29	LATE 2ND
F		I	024	R.324	BC 2	1ST?
F		I	032	O.349	*DI 1	2ND-3RD
F		I	032	R.173	BC 52	HADRIANIC-ANTONINE
F		I	032	R.210	*BA 66	2ND
F		I	034	R.173	BC 52	HADRIANIC-ANTONINE
F		I	036	R.137	BC 148	LATE 1ST-EARLY 2ND
F		I	063	R.280	*BA 4	1ST-2ND?
F		I	106	O.185	DEA 216	NERONIAN-FLAVIAN
F		I	T/S	B.20	CB 80	MID 3RD-EARLY 4TH
F		I	T/S	B.67	CB 23	2ND?
F		I	T/S	O.265	DE 1	2ND-3RD
F		I	T/S	R.43	GA 14	AD 340 ON
F		I	T/S	R.435	GA 13	4TH
F		II	214	R.143	BC 19	LATE 1ST-EARLY 2ND
F		II	T/S	R.43	GA 14	AD 340 ON
F		III	013	O.314	DI 2	1ST-2ND
F		III	013	R.324	BD 8	1ST?
F		III	036	R.143	BC 19	LATE 1ST-EARLY 2ND
F		III	T/S	R.143	BC 19	LATE 1ST-EARLY 2ND
F		IV	T/S	R.143	BC 19	LATE 1ST-EARLY 2ND
F		V	003	B.67	CB 23	2ND?
F		V	003	R.5	BA 45	?
F		V	007	O.198	*DW 22	FLAVIAN?
F		V	007	R.248	BC 65	1ST-2ND?

F		V	010	B.56	CB 20	EARLY-MID-4TH
F		V	010	B.57	CB 14	EARLY-MID-4TH
F		V	013	O.367	DE 182	2ND-4TH
F		V	014A	B.16	CB 91	2ND
F		V	014A	B.20	CB 81	MID 3RD-EARLY 4TH
F		V	014A	B.44	CB 43	3RD
F		V	014A	B.46	CB 210	3RD
F		V	014A	B.50	CB 94	LATE 3RD-MID-4TH
F		V	014A	B.55	CB 205	EARLY-MID-4TH
F		V	014A	B.67	CB 23	2ND?
F		V	014A	O.143	DE 113	LATE 3RD-4TH
F		V	014A	O.281	DEA 131	4TH
F		V	014A	O.349	DE 90	2ND-3RD
F		V	014A	R.104	GA 3	LATE 3RD ON
F		V	014A	R.119	BC 239	LATE 1ST-EARLY 2ND
F		V	014A	R.143	BC 19	LATE 1ST-EARLY 2ND
F		V	014A	R.17	BC 389	
F		V	014B	B.50	CB 94	LATE 3RD-MID-4TH
F		V	014B	B.56	CB 20	EARLY-MID-4TH
F		V	014B	R.119	BC 239	LATE 1ST-EARLY 2ND
F		V	014B	R.119	BC 86	LATE 1ST-EARLY 2ND
F		V	014B	R.130	*BK 11	LATE 1ST-EARLY 2ND
F		V	024A	B.27	CB 133	4TH?
F		V	149	O.54	DE 304	
F	III	I	050B	O.243	*DK 9	1ST-2ND
F	III	I	050B	R.143	BC 19	LATE 1ST-EARLY 2ND
F	III	I	050B	R.307	BU 1	1ST?
F	U/S	I	001	R.270	BK 8	1ST-2ND?
F	U/S	I	002	O.189	DEA 169	
F	U/S	I	002	R.143	BC 19	LATE 1ST-EARLY 2ND
F	U/S	I	002	R.43	GA 14	AD 340 ON
F	U/S	I	003	B.11	CB 47	HADRIANIC-(ANTONINE)
F	U/S	I	003	R.460	BC 275	
F	U/S	III	002	R.152	*BC 33	LATE 1ST-EARLY 2ND
F	U/S	III	002	R.247	*BK 24	1ST-2ND?
F	U/S	III	003	R.133	BC 30	1ST
F	VII	I	099	B.71	CB 239	LATE 2ND-MID-4TH
F	VII	I	125	O.132	DE 136	2ND-4TH
F	X	I	152	R.143	BC 19	LATE 1ST-EARLY 2ND
F	XII	I	013	R.454	BC 147	1ST-2ND
F	XII	I	041	R.173	BC 52	HADRIANIC-ANTONINE
F	XIII	I	005	CW.1	DM 25	4TH
F	XIII	I	005	R.12	DM 23	4TH
F	XIII	I	005	R.107	GA 2	AD 340 ON
F	XIII	I	005	R.112	GA 19	4TH
F	XIII	I	005	R.146	BC 140	LATE 1ST-EARLY 2ND
F	XIII	I	005	R.330	CJ 1	HADRIANIC ON
F	XIII	I	005	R.43	GA 14	AD 340 ON
F	XIII	I	005	R.43	GA 14	AD 340 ON
F	XIII	I	005	R.435	GA 13	4TH
F	XIII	I	005	R.437	GA 18	4TH
F	XIII	I	008	CW.12	DM 23	4TH
F	XIII	I	015	R.143	BC 19	LATE 1ST-EARLY 2ND
F	XIII	I	018	R.234	BC 44	1ST-2ND?
F	XIII	I	018	R.43	GA 14	AD 340 ON
F	XIII	I	162	O.243	*DK 9	1ST-2ND
F	XIII	I	187D	O.296	*DE 219	1ST-2ND
F	XIII	IV	002	C.71	DR 33	MID-4TH ON
F	XIII	IV	002	O.58	DE 91	LATE 1ST-MID 2ND
F	XIII	IV	014	C.51	DF 29	AD 340-400
F	XIII	IV	014	CW.1	DM 25	4TH
F	XIII	IV	014	CW.13	DM 31	4TH
F	XIII	IV	014	R.107	GA 2	AD 340 ON

F	XIII	IV	014	R.466	BC 132	2ND-4TH
F	XIII	V	011	B.20	CB 80	MID 3RD-EARLY 4TH
F	XIII	V	011	B.5	CB 44	HADRIANIC-ANTONINE
F	XIII	V	011	R.202	*BC 193	HADRIANIC-ANTONINE
F	XIII	V	011	R.250	*BC 152	1ST-2ND
F	XIII	V	012	O.349	DE 90	2ND-3RD
G			074	R.213	BC 326	2ND
G			T/S	O.150	DE 154	4TH
G		I	001	B.52	CB 245	3RD
G		I	001	B.74	CB 2	LATE 2ND-MID-4TH
G		I	001	B.9	CB 69	HADRIANIC-(ANTONINE)
G		I	001	C.25	DO 3	C AD 150-250
G		I	001	O.142	DE 96	LATE 3RD-4TH
G		I	001	O.274	DEA 143	2ND-3RD
G		I	001	O.351	DE 105	LATE 2ND-LATE 3RD
G		I	001	O.358	DE 165	LATE 3RD-4TH
G		I	001A	B.67	CB 23	2ND?
G		I	004	B.5	CB 44	HADRIANIC-ANTONINE
G		I	004	B.50	CB 94	LATE 3RD-MID-4TH
G		I	004	B.67	CB 23	2ND?
G		I	004	B.74	CB 2	LATE 2ND-MID-4TH
G		I	004	O.119	*DA 14	1ST-3RD
G		I	004	O.216	DEA 183	FLAVIAN?
G		I	004	O.274	DEA 143	2ND-3RD
G		I	006	B.21	CB 55	LATE 3RD-EARLY 4TH
G		I	006	O.126	DEA 67	
G		I	006	O.348	DE 19	LATE 2ND-3RD
G		I	006	O.72	*DI 18	
G		I	006	R.122	*BE 76	LATE 1ST-EARLY 2ND
G		I	006	R.123	BC 123	LATE 1ST-EARLY 2ND
G		I	013	O.348	DE 19	LATE 2ND-3RD
G		I	013	R.374	BE 90	HADRIANIC-ANTONINE
G		I	015	B.67	CB 23	2ND?
G		I	023	B.61	CB 89	ANTONINE-MID 4TH
G		I	023	B.67	CB 23	2ND?
G		I	024A	B.11	CB 47	HADRIANIC-(ANTONINE)
G		I	024A	B.67	CB 23	2ND?
G		I	024A	B.73	CB 92	LATE 2ND-MID-4TH
G		I	024A	R.143	BC 19	LATE 1ST-EARLY 2ND
G		I	033	O.267	DE 87	4TH
G		I	033	O.274	DEA 143	2ND-3RD
G		I	036	B.48	CB 95	LATE 3RD
G		I	044	B.26	CB 225	MID-LATE 3RD
G		I	044	B.50	CB 94	LATE 3RD-MID-4TH
G		I	044	B.57	CB 14	EARLY-MID-4TH
G		I	044	B.67	CB 23	2ND?
G		I	044	B.9	CB 69	HADRIANIC-(ANTONINE)
G		I	044	CW.14	DM 41	LATE 2ND ON
G		I	044	O.147	DE 393	LATE 3RD-4TH
G		I	045	O.265	DE 1	2ND-3RD
G		I	047	B.67	CB 23	2ND?
G		I	047	C.44	DO 6	AD 150-250
G		I	047	O.136	DEA 14	LATE 3RD-4TH
G		I	052	O.136	DEA 14	LATE 3RD-4TH
G		I	052	R.143	BC 19	LATE 1ST-EARLY 2ND
G		I	053	R.434	*BC 121	2ND-3RD
G		I	060D	R.181	BC 134	HADRIANIC-ANTONINE
G		I	060D	R.322	BC 134	1ST-2ND
G		I	060D	R.413	BC 312	1ST-2ND
G		I	060E	R.143	BC 19	LATE 1ST-EARLY 2ND
G		I	062	R.460	BC 267	
G		I	067A	R.51	GC 42	1ST-2ND
G		I	080A	O.78	*DE 138	

G	I	090	B.63	CB 203	ANTONINE
G	I	090	O.104	DA 89	2ND (-3RD)
G	I	090	O.245	DA 96	1ST-2ND
G	I	090	O.264	DE 265	LATE 2ND-3RD
G	I	090	O.302	*DA 18	1ST?
G	I	090	O.309	DEA 148	1ST-2ND
G	I	090	R.189	BC 98	HADRIANIC-ANTONINE
G	I	090	R.271	BK 4	1ST-2ND?
G	I	090	R.350	BU 13	1ST?
G	I	090	R.51-68	GC 12	
G	I	090	R.51-68	GC 35	
G	I	090	R.56	GC 6	1ST-2ND
G	I	091	B.67	CB 23	2ND?
G	I	091	R.143	BC 19	LATE 1ST-EARLY 2ND
G	I	091	R.52	GC 5	1ST-2ND
G	I	092	R.440	BC 166	2ND-3RD?
G	I	093	R.52	GC 5	1ST-2ND
G	I	093	R.89	COC 15	ANTONINE
G	I	093	W.15	EB 21	LATE 2ND-EARLY 3RD
G	I	093	W.7	EB 21	LATE 1ST-EARLY 2ND
G	I	101	R.51-68	GC 42	
G	I	101	R.52	GC 5	1ST-2ND
G	I	108	B.38	CB 105	
G	I	108	R.131	*BF 75	1ST?
G	I	108	R.52	GC 5	1ST-2ND
G	I	113	O.229	CM 2	1ST-2ND
G	I	113	R.324	BC 269	1ST?
G	I	117	B.11	CB 47	HADRIANIC-(ANTONINE)
G	I	117	B.57	CB 14	EARLY-MID-4TH
G	I	151	O.265	DE 1	2ND-3RD
G	I	167	R.25	GC 16	1ST-EARLY 2ND
G	I	167	R.429	BC 256	2ND?
G	I	188	O.84	DA 1	1ST-2ND
G	I	T/S	B.11	CB 47	HADRIANIC-(ANTONINE)
G	I	T/S	B.17	CB 194	3RD
G	I	T/S	B.44	CB 43	3RD
G	I	T/S	B.65	CB 15	ANTONINE-EARLY 3RD
G	I	T/S	B.9	CB 69	HADRIANIC-(ANTONINE)
G	I	T/S	O.142	DE 96	LATE 3RD-4TH
G	I	T/S	O.274	DEA 143	2ND-3RD
G	I	T/S	O.358	DE 165	LATE 3RD-4TH
G	IA	001A	B.38	CB 105	
G	IA	001A	B.50	CB 94	LATE 3RD-MID-4TH
G	IA	001A	B.67	CB 23	2ND?
G	IA	001A	C.53	DF 27	AD 270-400
G	IA	001A	C.54	DF 36	AD 270-400
G	IA	001A	O.146	DE 9	LATE 3RD-4TH
G	IA	001A	O.265	DE 1	2ND-3RD
G	IA	001A	O.359	DE 101	3RD
G	IA	001A	R.57	GC 3	1ST-2ND
G	IA	009	O.359	DE 101	3RD
G	IA	009	R.127	BC 43	LATE 1ST-EARLY 2ND
G	IA	009	R.424	BA 104	
G	IA	011A	O.359	DE 101	3RD
G	IA	011A	R.277	*BF 52	1ST-2ND?
G	IA	014	R.102	CCE 8	2ND-4TH
G	IA	017A	B.5	CB 44	HADRIANIC-ANTONINE
G	IA	017A	B.67	CB 23	2ND?
G	IA	017A	O.274	DEA 143	2ND-3RD
G	IA	017A	O.278	DEA 71	2ND-3RD
G	IA	017B	B.67	CB 23	2ND?
G	IA	034	O.98	DA 10	1ST-2ND
G	IA	062	R.350	BU 13	1ST?

G	IA	072A	O.286	DW 1	LATE 2ND-3RD
G	IA	072A	R.51-68	GC 25	
G	IA	072A	R.85	CCC 49	ANTONINE
G	IA	084A	O.84	DA 1	1ST-2ND
G	IA	085A	O.309	DEA 148	1ST-2ND
G	IA	085A	O.75	*DW 2	LATE 1ST-MID 2ND
G	IA	085A	O.84	DA 1	1ST-2ND
G	IA	085A	R.51	GC 42	1ST-2ND
G	IA	085A	R.53	GC 36	1ST-2ND
G	IA	095	C.16	DT 6	C AD 80-135
G	IA	095	O.126	DEA 67	
G	IA	095	R.143	BC 19	LATE 1ST-EARLY 2ND
G	IA	096	R.76	CCC 30	1ST-EARLY 2ND
G	IA	104	R.143	BC 19	LATE 1ST-EARLY 2ND
G	IA	108	R.114	BA 111	1ST?
G	IA	108	R.114	*CH 32	1ST?
G	IA	128	R.89	CCC 15	ANTONINE
G	IA	17A	O.287	DEA 71	2ND-3RD
G	II	001	B.67	CB 23	2ND?
G	II	001	O.147	DE 393	LATE 3RD-4TH
G	II	001	O.274	DEA 143	2ND-3RD
G	II	001	O.61	DE. 137	
G	II	001	O.84	DA 1	1ST-2ND
G	II	009	CW.12	DM 23	4TH
G	II	028	B.67	CB 23	2ND?
G	II	028	O.84	DA 1	1ST-2ND
G	II	028	C.91	DA 92	1ST-2ND
G	II	028	R.138	*BA 9	LATE 1ST-EARLY 2ND
G	II	028	R.143	BC 19	LATE 1ST-EARLY 2ND
G	II	028	R.27	BC 409	1ST-2ND?
G	II	028	R.406	BU 11	1ST-2ND
G	II	089	O.99	DA 25	
G	II	T/S	B.48	CB 95	LATE 3RD
G	III	001	O.161	DE 64	HADRIANIC-ANTONINE
G	III	001	O.353	DE 141	2ND-3RD
G	III	001	R.43	GA 14	AD 340 ON
G	III	005	O.150	DE 154	4TH
G	III	005	O.274	DEA 143	2ND-3RD
G	III	006	B.20	CB 80	MID 3RD-EARLY 4TH
G	III	006	O.274	DEA 143	2ND-3RD
G	III	006	R.280	*BA 4	1ST-2ND?
G	III	012	B.55	CB 205	EARLY-MID-4TH
G	IIIA	001	O.391	*DW 23	1ST?
G	IIIA	002	B.39	CB 70	HADRIANIC-ANTONINE
G	IIIA	002	O.198	*DW 22	FLAVIAN?
G	IIIA	002	O.265	DE 1	2ND-3RD
G	IIIA	003	O.136	DEA 14	LATE 3RD-4TH
G	IV	001	B.44	CB 43	3RD
G	IV	001	C.6	DHA 44	AD 240-400
G	IV	001	O.136	DEA 14	LATE 3RD-4TH
G	IV	001	O.265	DE 1	2ND-3RD
G	IV	001	R.143	BC 19	LATE 1ST-EARLY 2ND
G	IV	001	R.56	GC 6	1ST-2ND
G	IV	001A	B.20	CB 80	MID 3RD-EARLY 4TH
G	IV	001A	B.39	CB 70	HADRIANIC-ANTONINE
G	IV	001A	B.44	CB 43	3RD
G	IV	001A	B.50	CB 94	LATE 3RD-MID-4TH
G	IV	001A	B.67	CB 23	2ND?
G	IV	001A	C.2	DH 13	MID 4TH ON
G	IV	001A	O.129	DEA 142	1ST
G	IV	001A	O.198	*DW 22	FLAVIAN?
G	IV	001A	O.423	DW 71	MID-3RD-4TH
G	IV	001A	R.13	*BA 23	1ST-2ND

G		IV	001A	R.143	BC 19	LATE 1ST-EARLY 2ND
G		IV	001A	R.43	GA 14	AD 340 ON
G		IV	001A	R.56	GC 6	1ST-2ND
G		IV	011A	R.395	BC 63	1ST-2ND?
G		IV	041B	B.67	CB 23	2ND?
G		IV	041B	O.119	*DA 14	1ST-3RD
G		IV	045	R.173	BC 52	HADRIANIC-ANTONINE
G		IV	047	B.44	CB 43	3RD
G		IV	047	B.46	CB 210	3RD
G		IV	047	B.55	CB 205	EARLY-MID-4TH
G		IV	047	B.56	CB 20	EARLY-MID-4TH
G		IV	055	R.266	BD 24	1ST-2ND?
G		IV	089	O.99	DA 25	
G		IV	089	R.52	GC 5	1ST-2ND
G		IV	103	O.84	DA 1	1ST-2ND
G		IX	028	R.133	BC 285	1ST
G		V	001	B.33	CB 122	HADRIANIC-ANTONINE
G		V	001	B.67	CB 23	2ND?
G		V	001	O.243	*DK 9	1ST-2ND
G		V	001	O.265	DE 1	2ND-3RD
G		V	001	O.360	DE 214	FLAVIAN?
G		V	001	R.168	BR 9	1ST
G		V	001	R.51-68	GC 24	
G		V	001	R.56	GC 6	1ST-2ND
G		V	002	B.67	CB 23	2ND?
G		V	002	O.113	DA 87	
G		V	002	O.265	DE 1	2ND-3RD
G		V	002	O.435	DW 32	
G		V	010A	R.43	GA 14	AD 340 ON
G		V	029	B.67	CB 23	2ND?
G		V	036	R.256	BU 12	1ST-2ND?
G		V	036	R.258	*BE 41	1ST-2ND?
G		V	038	R.144	*BC 112	LATE 1ST-EARLY 2ND
G		V	038	R.168	*CB 196	1ST
G		V	049	W.1	AB 9	1ST
G		V	067	R.52	GC 5	1ST-2ND
G		V	068	R.85	CCC 49	ANTONINE
G		VI	001	R.98	CCE 1	ANTONINE
G	I?	I	153	O.84	DA 1	1ST-2ND
G	I?	I	153	R.255	BU 2	1ST?
G	I?	IA	085	O.156	DW 26	4TH
G	I?	IA	085	O.178	DE 209	1ST?
G	I?	IA	085	O.245	DA 96	1ST-2ND
G	I?	IA	085	O.246	DA 114	1ST
G	I?	IA	085	O.250	DI 24	1ST
G	I?	IA	085	O.84	DA 1	1ST-2ND
G	I?	IA	085	R.261	BE 33	1ST-2ND?
G	I?	IA	099	O.440	DEA 210	FLAVIAN?
G	I?	II	014	B.39	CB 70	HADRIANIC-ANTONINE
G	I?	II	014	B.60	CB 221	HADRIANIC-ANTONINE
G	I?	II	014	R.143	BC 19	LATE 1ST-EARLY 2ND
G	I?	IV	038	O.119	*DA 14	1ST-3RD
G	I?	IV	038	O.198	*DW 22	FLAVIAN?
G	I?	IV	038	O.200	DE 146	1ST-2ND
G	I?	IV	038	O.84	DA 1	1ST-2ND
G	I?	IV	038	R.307	BU 1	1ST?
G	I?	IV	038	R.308	BU 8	1ST?
G	I?	IV	038	R.94	CCC 14	HADRIANIC-ANTONINE
G	I?	IV	038	R.99	CCE 2	ANTONINE
G	I?	IV	046	B.67	CB 23	2ND?
G	I?	IV	046	R.249	BC 67	1ST-EARLY 2ND
G	I?	IV	058	B.5	CB 44	HADRIANIC-ANTONINE
G	I?	IV	058	R.173	BC 52	HADRIANIC-ANTONINE

G	I?	IV	058	R.205	CT 21	HADRIANIC-ANTONINE
G	I?	IV	064	O.84	DA 1	1ST-2ND
G	I?	V	043	R.133	BC 285	1ST
G	I?	V	064	O.286	DW 1	LATE 2ND-3RD
G	I?	V	064	R.190	BD 29	HADRIANIC-ANTONINE
G	I?	V	064	R.261	BE 33	1ST-2ND?
G	II?	I	150	R.205	CT 11	HADRIANIC-ANTONINE
G	II?	I	173	R.56	GC 6	1ST-2ND
G	II?	I	173	R.96	CCE 5	HADRIANIC-ANTONINE
G	II?	I	180	R.250	*BC 152	1ST-2ND
G	II?	V	087	B.12	CB 206	EARLY 3RD
G	II?	V	087	B.63	CB 203	ANTONINE
G	II?	V	087	B.67	CB 23	2ND?
G	II?	V	098	O.194	DW 35	?
G	II?	V	098	R.52	GC 5	1ST-2ND
G	III?	I	186	B.5	CB 44	HADRIANIC-ANTONINE
G	III?	II	031	R.135	BC 187	LATE 1ST-EARLY 2ND
G	III?	II	031	R.166	BR 1	1ST
G	III?	II	031	R.250	*BC 152	1ST-2ND
G	III?	II	031	R.30	BC 188	1ST?
G	III?	V	046	R.135	BC 187	LATE 1ST-EARLY 2ND
G	III?	V	046	R.214	BC 339	2ND
G	III?	V	046	R.362	BC 163	HADRIANIC-ANTONINE
G	III?	V	046	R.44	GB 3	2ND-3RD
G	III?	V	046	R.44	*GC 17	2ND-3RD
G	III?	V	046	R.95	CCC 19	HADRIANIC-ANTONINE
G	IV	I	059	O.158	CH 9	
G	IV	I	059	O.198	*DW 22	FLAVIAN?
G	IV	I	059	O.251	DI 22	1ST
G	IV	I	059	O.432	DI 87	FLAVIAN?
G	IV	I	059	O.62	DE 409	
G	IV	I	059	R.36	CCC 61	1ST-2ND?
G	IV	I	059	R.392	CCC 9	
G	IV	I	059	R.96	CCE 5	HADRIANIC-ANTONINE
G	IV	I	089	O.197	DE 99	FLAVIAN?
G	IV	I	089	O.265	DE 1	2ND-3RD
G	IV	I	089	O.89	DA 9	1ST-2ND
G	IV	I	089	R.114	*CH 32	1ST?
G	IV	I	089	R.133	BC 285	1ST
G	IV	I	089	R.137	BC 148	LATE 1ST-EARLY 2ND
G	IV	I	089	R.143	BC 19	LATE 1ST-EARLY 2ND
G	IV	I	089	R.181	BC 134	HADRIANIC-ANTONINE
G	IV	I	089	R.300	CT 26	1ST-2ND?
G	IV	I	089	R.322	BC 134	1ST-2ND
G	IV	I	089	R.51	GC 42	1ST-2ND
G	IV	I	089	R.51-68	GC 12	
G	IV	I	089	R.56	GC 6	1ST-2ND
G	IV	I	089	R.71	CCC 10	1ST-EARLY 2ND
G	IV	I	094	B.5	CB 44	HADRIANIC-ANTONINE
G	IV	I	105	B.50	CB 94	LATE 3RD-MID-4TH
G	IV	I	105	B.54	CB 84	EARLY-MID-4TH
G	IV	I	105	O.161	DE 64	HADRIANIC-ANTONINE
G	IV	I	105	O.199	DE 119	FLAVIAN?
G	IV	I	105	O.421	*DE 42	LATE 1ST-2ND
G	IV	I	105	R.143	BC 19	LATE 1ST-EARLY 2ND
G	IV	I	105	R.350	BU 13	1ST?
G	IV	I	105	R.450	GC 14	1ST-2ND
G	IV	I	105	R.49	*GC 13	1ST-2ND
G	IV	I	105	R.52	GC 5	1ST-2ND
G	IV	I	106	R.143	BC 19	LATE 1ST-EARLY 2ND
G	IV	I	106	R.71	CCC 10	1ST-EARLY 2ND
G	IV	I	109	O.104	DA 89	2ND (-3RD)
G	IV	I	110	O.74	DK 8	MID 1ST-2ND

G	IV	I	110	R.258	BX 3	1ST-2ND?
G	IV	I	110	R.268	BE 40	1ST-2ND?
G	IV	I	110	R.353	CT 17	1ST-2ND
G	IV	I	116	R.56	GC 6	1ST-2ND
G	IV	I	119	O.197	DE 99	FLAVIAN?
G	IV	I	121	B.38	CB 105	
G	IV	I	121	R.143	BC 19	LATE 1ST-EARLY 2ND
G	IV	I	123	B.28	CB 176	HADRIANIC-ANTONINE
G	IV	I	123	O.89	DA 9	1ST-2ND
G	IV	I	123	R.201	*BA 42	HADRIANIC-ANTONINE
G	IV	I	123	R.268	BE 40	1ST-2ND?
G	IV	I	123	R.283	*BC 144	1ST-2ND?
G	IV	I	123	R.294	BD 35	1ST-2ND?
G	IV	I	123	R.310	CT 12	1ST?
G	IV	I	123	R.362	BC 163	HADRIANIC-ANTONINE
G	IV	I	123	R.56	GC 6	1ST-2ND
G	IV	I	123	R.96	CCE 5	HADRIANIC-ANTONINE
G	IV	I	130	O.84	DA 1	1ST-2ND
G	IV	I	137	R.258	*BE 41	1ST-2ND?
G	IV	I	137	R.32	BF 97	1ST-2ND?
G	IV	I	137	R.446	CT 3	1ST-3RD
G	IV	I	137	R.460	BC 260	
G	IV	I	147	R.220	CT 18	2ND
G	IV	I	148	O.198	*DW 22	FLAVIAN?
G	IV	I	148	O.461	DW 54	
G	IV	I	148	R.324	BC 269	1ST?
G	IV	I	148	R.56	GC 6	1ST-2ND
G	IV	I	163	O.245	DA 96	1ST-2ND
G	IV	I	163	O.265	DE 1	2ND-3RD
G	IV	I	168	O.119	*DA 14	1ST-3RD
G	IV	I	168	O.84	DA 1	1ST-2ND
G	IV	I	168	R.173	BC 52	HADRIANIC-ANTONINE
G	IV	I	168	R.52	GC 5	1ST-2ND
G	IV	I	168	R.55	GC 34	1ST-2ND
G	IV	I	168	R.56	GC 6	1ST-2ND
G	IV	I	171	R.350	BU 13	1ST?
G	IV	I	171	R.56	GC 6	1ST-2ND
G	IV	IA	068	O.103	DA 79	1ST-2ND
G	IV	IA	068	O.201	DE 273	1ST-2ND
G	IV	IA	068	O.286	DW 1	LATE 2ND-3RD
G	IV	IA	068	O.299	DE 282	1ST-2ND?
G	IV	IA	068	O.65	DEA 387	1ST-4TH
G	IV	IA	068	O.82	CH 62	1ST-2ND
G	IV	IA	068	O.99	DA 25	
G	IV	IA	068	R.408	BX 5	1ST?
G	IV	IA	068	R.51-68	GC 26	
G	IV	IA	068	R.51-68	GC 28	
G	IV	IA	068	R.51-68	GC 37	
G	IV	IA	068	R.56	GC 6	1ST-2ND
G	IV	IA	068	R.61	GC 21	1ST-2ND
G	IV	IA	068	R.64	GC 20	1ST-2ND
G	IV	IA	068	R.69	CCC 12	1ST-2ND
G	IV	IA	070	O.84	DA 1	1ST-2ND
G	IV	IA	070	R.146	BC 140	LATE 1ST-EARLY 2ND
G	IV	IA	070	R.189	BC 98	HADRIANIC-ANTONINE
G	IV	IA	070	R.282	*BC 1	1ST-2ND?
G	IV	IA	070	R.292	*BF 28	1ST-2ND?
G	IV	IA	070	R.307	BU 1	1ST?
G	IV	IA	070	R.309	BU 7	1ST?
G	IV	IA	070	R.52	GC 5	1ST-2ND
G	IV	IA	070	R.56	GC 6	1ST-2ND
G	IV	IA	070	R.59	GC 22	1ST-2ND
G	IV	IA	084	O.178	DE 209	1ST?

G	IV	IA	084	R.173	BC 52	HADRIANIC-ANTONINE
G	IV	IA	084	R.261	BE 33	1ST-2ND?
G	IV	IA	084	R.56	GC 6	1ST-2ND
G	IV	IA	090	R.143	BC 19	LATE 1ST-EARLY 2ND
G	IV	IA	091	R.52	GC 5	1ST-2ND
G	IV	IA	097	R.143	BC 19	LATE 1ST-EARLY 2ND
G	IV	IA	098	R.143	BC 19	LATE 1ST-EARLY 2ND
G	IV	IA	111	O.84	DA 1	1ST-2ND
G	IV	IA	111	R.131	*BF 75	1ST?
G	IV	IA	111	R.143	BC 19	LATE 1ST-EARLY 2ND
G	IV	IA	111	R.265	*BE 43	1ST-2ND?
G	IV	II	029	O.63	DEA 331	LATE 1ST-MID 2ND
G	IV	IV	024	B.20	CB 80	MID 3RD-EARLY 4TH
G	IV	IV	024	B.67	CB 23	2ND?
G	IV	IV	024	CW.13	DM 31	4TH
G	IV	IV	024	O.107	DA 22	1ST-3RD?
G	IV	IV	025	B.67	CB 23	2ND?
G	IV	IV	025	O.265	DE 1	2ND-3RD
G	IV	IV	025	R.445	CT 29	1ST-2ND?
G	IV	IV	025	R.91	CCC 22	ANTONINE
G	IV	IV	039	O.84	DA 1	1ST-2ND
G	IV	IV	039	R.131	BC 412	1ST?
G	IV	IV	039	R.131	*BF 75	1ST?
G	IV	IV	039	R.146	BC 140	LATE 1ST-EARLY 2ND
G	IV	IV	039	R.166	BR 1	1ST
G	IV	IV	039	R.173	BC 52	HADRIANIC-ANTONINE
G	IV	IV	039	R.192	*BC 114	HADRIANIC-ANTONINE
G	IV	IV	039	R.265	BD 14	1ST-2ND?
G	IV	IV	039	R.280	BC 87	1ST-2ND?
G	IV	IV	039	R.290	*BC 135	1ST-2ND?
G	IV	IV	039	R.296	*BC 70	1ST-2ND?
G	IV	IV	039	R.349	BR 15	1ST (-2ND)
G	IV	IV	039	R.362	BC 163	HADRIANIC-ANTONINE
G	IV	IV	039	R.468	BD 54	1ST-2ND?
G	IV	IV	039	R.49	*GC 13	1ST-2ND
G	IV	IV	039	R.52	GC 5	1ST-2ND
G	IV	IV	039	W.34	EB 34	LATE 1ST-2ND
G	IV	IV	052	O.198	*DW 22	FLAVIAN?
G	IV	IV	059	O.318	DJ 5	1ST-EARLY 2ND
G	IV	IV	059	R.114	BA 112.	1ST?
G	IV	IV	059	R.268	BE 40	1ST-2ND?
G	IV	IV	061	B.44	CB 43	3RD
G	IV	IV	061	B.67	CB 23	2ND?
G	IV	IV	061	CW.7	DM 5	LATE 2ND ON
G	IV	IV	061	R.173	BC 52	HADRIANIC-ANTONINE
G	IV	IV	061	R.42	GA 6	3RD-4TH
G	IV	V	039	O.198	*DW 22	FLAVIAN?
G	IV	V	047	B.5	CB 44	HADRIANIC-ANTONINE
G	IV	V	047	B.67	CB 23	2ND?
G	IV	V	048	O.265	DE 1	2ND-3RD
G	IV?	I	002	B.50	CB 94	LATE 3RD-MID-4TH
G	IV?	I	002	B.67	CB 23	2ND?
G	IV?	I	002	O.132	DE 136	2ND-4TH
G	IX	I	005	B.67	CB 23	2ND?
G	IX	I	007	B.5	CB 44	HADRIANIC-ANTONINE
G	IX	I	007	B.50	CB 94	LATE 3RD-MID-4TH
G	IX	I	007	B.54	CB 84	EARLY-MID-4TH
G	IX	I	007	R.112	GA 1	4TH
G	IX	I	007A	B.21	CB 12	LATE 3RD-EARLY 4TH
G	IX	I	014	B.11	CB 47	HADRIANIC-(ANTONINE)
G	IX	I	027	B.48	CB 95	LATE 3RD
G	IX	I	027	B.50	CB 94	LATE 3RD-MID-4TH
G	IX	I	027	R.104	GA 3	LATE 3RD ON

G	IX	I	035	B.38	CB 105
G	IX	I	035	B.44	CB 43 3RD
G	IX	I	035	B.67	CB 23 2ND?
G	IX	I	035	O.119	*DA 14 1ST-3RD
G	IX	I	035	O.265	DE 1 2ND-3RD
G	IX	I	035	O.274	DEA 143 2ND-3RD
G	IX	I	035	R.143	BC 158 LATE 1ST-EARLY 2ND
G	IX	I	035	R.395	BC 63 1ST-2ND?
G	IX	I	035	W.30	EB 18 1ST
G	IX	I	058	R.13	*BA 23 1ST-2ND
G	IX	I	063	B.50	CB 94 LATE 3RD-MID-4TH
G	IX	I	063	B.67	CB 23 2ND?
G	IX	I	103	O.84	DA 1 1ST-2ND
G	IX	IA	002	O.119	*DA 14 1ST-3RD
G	IX	IA	002	O.265	DE 1 2ND-3RD
G	IX	IA	002	O.274	DEA 143 2ND-3RD
G	IX	IA	002	O.279	DEA 346 2ND-3RD
G	IX	IA	002	O.84	DA 1 1ST-2ND
G	IX	IA	006	O.132	DE 136 2ND-4TH
G	IX	IA	006	O.265	DE 1 2ND-3RD
G	IX	IA	006	O.84	DA 1 1ST-2ND
G	IX	IA	006	R.132	BC 149 1ST
G	IX	IA	006	R.350	BU 13 1ST?
G	IX	IA	010	B.9	CB 69 HADRIANIC- (ANTONINE)
G	IX	IA	010	O.274	DEA 143 2ND-3RD
G	IX	IA	049	R.261	BE 33 1ST-2ND?
G	IX	IA	049	R.380	GA 31 1ST-EARLY 2ND
G	IX+	I	024	B.11	CB 47 HADRIANIC- (ANTONINE)
G	IX+	I	024	B.24	CB 132 EARLY-MID-4TH
G	IX+	I	024	B.27	CB 133 4TH?
G	IX+	I	024	B.3	CB 110 HADRIANIC-ANTONINE
G	IX+	I	024	B.44	CB 43 3RD
G	IX+	I	024	B.50	CB 94 LATE 3RD-MID-4TH
G	IX+	I	024	B.54	CB 84 EARLY-MID-4TH
G	IX+	I	024	B.67	CB 23 2ND?
G	IX+	I	024	B.9	CB 69 HADRIANIC- (ANTONINE)
G	IX+	I	024	C.10	DF 24 AD 270-400
G	IX+	I	024	C.39	DHA 16 AD 300-400
G	IX+	I	024	O.119	*DA 14 1ST-3RD
G	IX+	I	024	O.132	DE 136 2ND-4TH
G	IX+	I	024	O.265	DE 1 2ND-3RD
G	IX+	I	024	O.349	DE 90 2ND-3RD
G	IX+	I	024	O.365	DA 76 2ND-4TH
G	IX+	I	024	R.37	(GA 12) 2ND-4TH
G	IX+	I	024	W.21	EB 30
G	IX/X	I	025	B.11	CB 47 HADRIANIC- (ANTONINE)
G	IX/X	I	025	B.4	CB 204 HADRIANIC-ANTONINE
G	IX/X	IA	004	B.44	CB 43 3RD
G	U/S	I	009	B.55	CB 205 EARLY-MID-4TH
G	U/S	I	009	B.56	CB 20 EARLY-MID-4TH
G	U/S	I	009	B.67	CB 23 2ND?
G	U/S	I	009	R.143	BC 19 LATE 1ST-EARLY 2ND
G	U/S	I	009	R.143	BC 110 LATE 1ST-EARLY 2ND
G	U/S	I	009	R.382	BC 151 1ST-EARLY 2ND
G	U/S	I	034	B.20	CB 80 MID 3RD-EARLY 4TH
G	U/S	I	034	B.67	CB 23 2ND?
G	U/S	I	034	O.274	DEA 143 2ND-3RD
G	U/S	I	034	O.386	DE 161 2ND
G	U/S	I	034	R.171	BA 14 HADRIANIC-ANTONINE
G	U/S	I	034	R.172	BA 17 HADRIANIC-ANTONINE
G	U/S	IA	038	O.265	DE 1 2ND-3RD
G	U/S	II	002	B.20	CB 80 MID 3RD-EARLY 4TH
G	U/S	II	002	B.39	CB 70 HADRIANIC-ANTONINE

G	U/S	II	002	B.50	CB 94	LATE 3RD-MID-4TH
G	U/S	II	002	B.55	CB 205	EARLY-MID-4TH
G	U/S	II	002	B.67	CB 23	2ND?
G	U/S	II	002	C.26	DO 7	C AD 150-250
G	U/S	II	002	O.132	DE 136	2ND-4TH
G	U/S	II	002	O.23	DE 56	LATE 1ST-EARLY 2ND
G	U/S	II	002	O.408	DV 1	
G	U/S	II	002	O.84	DA 1	1ST-2ND
G	U/S	II	002	R.138	*BA 9	LATE 1ST-EARLY 2ND
G	U/S	II	002	R.385	BU 16	1ST-EARLY 2ND
G	U/S	II	002	R.56	GC 6	1ST-2ND
G	U/S	V	084	O.97	DA 101	1ST-2ND
G	U/S	V	084	R.52	GC 5	1ST-2ND
G	U/S	V	084	R.75	CCC 25	HADRIANIC-ANTONINE
G	U/S	V	105	O.108	DA 27	
G	V	I	056	B.20	CB 80	MID 3RD-EARLY 4TH
G	V	I	056	B.21	CB 12	LATE 3RD-EARLY 4TH
G	V	I	056	B.38	CB 105	
G	V	I	056	B.39	CB 70	HADRIANIC-ANTONINE
G	V	I	056	B.67	CB 23	2ND?
G	V	I	056	B.69	CB 195	LATE 2ND-MID-4TH
G	V	I	056	B.9	CB 69	HADRIANIC-(ANTONINE)
G	V	I	056	O.274	DEA 143	2ND-3RD
G	V	I	056	O.386	DE 179	2ND
G	V	I	056	O.398	DE 34	1ST-3RD
G	V	I	056	O.68	DE 22	1ST-4TH
G	V	I	056	R.173	BC 52	HADRIANIC-ANTONINE
G	V	I	083	R.94	CB 118	HADRIANIC-ANTONINE
G	V	I	085	O.229	CM 1	1ST-2ND
G	V	I	085	O.252	*CH 2	1ST
G	V	I	085	R.143	BC 19	LATE 1ST-EARLY 2ND
G	V	I	085	R.192	*BC 114	HADRIANIC-ANTONINE
G	V	I	085	R.54	GC 9	1ST-2ND
G	V	I	089A	O.104	DA 89	2ND (-3RD)
G	V	I	089A	R.339	*BA 6	2ND
G	V	I	089A	R.51	GC 42	1ST-2ND
G	V	I	106A	B.3	CB 110	HADRIANIC-ANTONINE
G	V	I	106A	O.303	DE 429	1ST?
G	V	I	106A	R.218	CS 28	1ST-2ND
G	V	I	106A	R.350	BU 13	1ST?
G	V	I	106A	R.66	GC 8	1ST-2ND
G	V	I	106A	W.31	EB 24	LATE 1ST-2ND
G	V	I	107	R.143	BC 19	LATE 1ST-EARLY 2ND
G	V	I	107	R.143	*CVI 32	LATE 1ST-EARLY 2ND
G	V	I	107	R.173	BC 52	HADRIANIC-ANTONINE
G	V	I	128	B.21	CB 55	LATE 3RD-EARLY 4TH
G	V	I	128	O.390	CH 14	1ST?
G	V	I	128	R.51	GC 42	1ST-2ND
G	V	I	128	R.89	CCC 15	ANTONINE
G	V	I	138	O.198	*DW 22	FLAVIAN?
G	V	I	158	O.12	DEA 196	NERONIAN-FLAVIAN
G	V	IA	026	R.143	BC 19	LATE 1ST-EARLY 2ND
G	V	IA	060	B.21	CB 55	LATE 3RD-EARLY 4TH
G	V	IA	060	C.29	CI 3	2ND-3RD
G	V	IA	060	C.42	CI 1	
G	V	IA	060	O.198	*DW 22	FLAVIAN?
G	V	IA	060	O.286	DW 1	LATE 2ND-3RD
G	V	IA	060	O.297	DE 340	1ST-2ND
G	V	IA	060	O.309	DEA 148	1ST-2ND
G	V	IA	060	O.311	DPA 201	1ST-2ND
G	V	IA	060	O.403	DE 23	
G	V	IA	060	O.409	DEA 201	
J	V	IA	060	R.143	BC 19	LATE 1ST-EARLY 2ND

G	V	IA	060	R.248	BC 167	1ST-2ND?
G	V	IA	060	R.307	BU 1	1ST?
G	V	IA	060	R.325	BD 19	1ST-2ND?
G	V	IA	060	R.51-68	GC 12	
G	V	IA	060	R.52	GC 5	1ST-2ND
G	V	IA	060	R.88	CCC 7	ANTONINE
G	V	IA	060	R.95	CCC 19	HADRIANIC-ANTONINE
G	V	IA	060	R.97	CCE 3	HADRIANIC-ANTONINE
G	V	IA	063	O.100	DA 81	1ST-2ND
G	V	IA	063	O.101	DA 33	1ST-2ND
G	V	IA	063	O.115	DA 68	
G	V	IA	063	O.302	DE 431	1ST?
G	V	IA	063	O.70	*DA 23	
G	V	IA	063	R.143	BC 19	LATE 1ST-EARLY 2ND
G	V	IA	063	R.173	BC 52	HADRIANIC-ANTONINE
G	V	IA	063	R.307	BU 1	1ST?
G	V	IA	063	R.51-68	GC 12	
G	V	IA	063	R.51-68	GC 23	
G	V	IA	063	R.51-68	GC 30	
G	V	IA	063	R.56	GC 6	1ST-2ND
G	V	IA	063	R.60	GC 31	1ST-2ND
G	V	IA	063	R.63	GC 19	1ST-2ND
G	V	IA	064	R.143	BC 19	LATE 1ST-EARLY 2ND
G	V	IA	067A	O.245	DA 96	1ST-2ND
G	V	IA	067A	O.70	*DA 23	
G	V	IA	067A	O.84	DA 1	1ST-2ND
G	V	IA	067A	R.51	GC 42	1ST-2ND
G	V	IA	067A	R.56	GC 6	1ST-2ND
G	V	IA	071	O.293	CH 5	1ST?
G	V	IA	071	O.461	EH 25	
G	V	IA	094	C.26	DO 7	C AD 150-250
G	V	IA	094	R.173	BC 52	HADRIANIC-ANTONINE
G	V	IA	094	R.52	GC 5	1ST-2ND
G	V	II	003	C.49	DF 31	AD 300-400
G	V	II	003	R.26	*BF 23	1ST-2ND?
G	V	II	012	B.20	CB 80	MID 3RD-EARLY 4TH
G	V	II	012	O.286	DW 1	LATE 2ND-3RD
G	V	II	012	O.84	DA 1	1ST-2ND
G	V	II	012	R.143	BC 19	LATE 1ST-EARLY 2ND
G	V	II	012	R.259	BC 124	1ST-2ND?
G	V	II	012	R.56	GC 6	1ST-2ND
G	V	II	012	W.40	EB 28	AD 240-400+
G	V	II	013	O.359	DE 101	3RD
G	V	II	013	O.47	*DW 18	1ST-2ND
G	V	II	018	O.252	*CH 2	1ST
G	V	II	018	R.56	GC 6	1ST-2ND
G	V	II	022	O.84	DA 1	1ST-2ND
G	V	II	022	R.52	GC 5	1ST-2ND
G	V	IV	012	B.11	CB 47	HADRIANIC-(ANTONINE)
G	V	IV	012	B.12	CB 206	EARLY 3RD
G	V	IV	012	B.20	CB 80	MID 3RD-EARLY 4TH
G	V	IV	012	B.21	CB 1	LATE 3RD-EARLY 4TH
G	V	IV	012	B.4	CB 204	HADRIANIC-ANTONINE
G	V	IV	012	B.44	CB 43	3RD
G	V	IV	012	B.5	CS 44	HADRIANIC-ANTONINE
G	V	IV	012	B.67	CB 23	2ND?
G	V	IV	012	O.136	DEA 14	LATE 3RD-4TH
G	V	IV	012	O.186	DEA 191	1ST?
G	V	IV	012	O.377	DEA 427	1ST-2ND
G	V	IV	012	O.84	DA 1	1ST-2ND
G	V	IV	012	R.119	BC 86	LATE 1ST-EARLY 2ND
G	V	IV	012	R.143	BC 19	LATE 1ST-EARLY 2ND
G	V	IV	012	R.209	BC 49	2ND

G	V	IV	012	R.21	BC 179	?
G	V	IV	012	R.307	BU 1	1ST?
G	V	V	007	O.143	DE 113	LATE 3RD-4TH
G	V	V	007	O.274	DEA 143	2ND-3RD
G	V	V	007	O.281	DEA 131	4TH
G	V	V	007	R.441	BC 181	2ND-3RD?
G	V	V	007	R.51-68	GC 2	
G	V	V	007	R.52	GC 5	1ST-2ND
G	VI	I	017	R.143	BC 19	LATE 1ST-EARLY 2ND
G	VI	I	017	R.143	BC 109	LATE 1ST-EARLY 2ND
G	VI	IA	005	B.44	CB 43	3RD
G	VI	IA	005	B.67	CB 23	2ND?
G	VI	IA	005	O.119	*DA 14	1ST-3RD
G	VI	IA	005	R.143	BC 19	LATE 1ST-EARLY 2ND
G	VI	IA	005	R.152	*BC 33	LATE 1ST-EARLY 2ND
G	VI	IA	005	R.166	BR 1	1ST
G	VI	IA	005	R.243	*BC 157	1ST-2ND
G	VI	IA	005	R.250	*BC 152	1ST-2ND
G	VI	IA	005	W.31	EB 24	LATE 1ST-2ND
G	VI	IA	027A	B.67	CB 23	2ND?
G	VI	IA	027A	R.143	BC 19	LATE 1ST-EARLY 2ND
G	VI	IA	089	O.238	DE 419	1ST
G	VI	IA	102	B.54	CB 84	EARLY-MID-4TH
G	VI	IA	106	R.154	*BC 42	LATE 1ST-EARLY 2ND
G	VI	II	021	O.349	DE 90	2ND-3RD
G	VI	II	021	R.51-68	GC 33	
G	VI	II	021	R.52	GC 5	1ST-2ND
G	VI	III	004	B.20	CB 80	MID 3RD-EARLY 4TH
G	VI	III	004	B.50	CB 94	LATE 3RD-MID-4TH
G	VI	III	004	B.54	CB 84	EARLY-MID-4TH
G	VI	IV	009A	R.56	GC 6	1ST-2ND
G	VI	IV	018	B.20	CB 81	MID 3RD-EARLY 4TH
G	VI	IV	018	B.67	CB 23	2ND?
G	VI	IV	019	B.18	CB 211	LATE 3RD-EARLY 4TH
G	VI	IV	019	B.20	CB 80	MID 3RD-EARLY 4TH
G	VI	IV	019	B.20	CB 81	MID 3RD-EARLY 4TH
G	VI	IV	019	B.44	CB 43	3RD
G	VI	IV	019	O.265	DE 1	2ND-3RD
G	VI	IV	020	B.16	CB 91	2ND
G	VI	IV	020	B.44	CB 43	3RD
G	VI	IV	020	B.67	CB 23	2ND?
G	VI	IV	020	O.243	*DK 9	1ST-2ND
G	VI	IV	020	O.265	DE 1	2ND-3RD
G	VI	IV	021	B.20	CB 80	MID 3RD-EARLY 4TH
G	VI	IV	021	O.349	DE 90	2ND-3RD
G	VI	IV	022	B.44	CB 43	3RD
G	VI	IV	022	B.6	CB 87	LATE 2ND-EARLY 3RD
G	VI	IV	022	B.67	CB 23	2ND?
G	VI	IV	022	O.274	DEA 143	2ND-3RD
G	VI	IV	022	O.84	DA 1	1ST-2ND
G	VI	IV	022	R.52	GC 5	1ST-2ND
G	VI	IV	023	B.20	CB 80	MID 3RD-EARLY 4TH
G	VI	IV	023	B.44	CB 43	3RD
G	VI	IV	023	B.55	CB 205	EARLY-MID-4TH
G	VI	IV	023	B.61	CB 89	ANTONINE-MID 4TH
G	VI	IV	023	B.67	CB 23	2ND?
G	VI	IV	023	B.69	CB 195	LATE 2ND-MID-4TH
G	VI	IV	023	B.73	CB 92	LATE 2ND-MID-4TH
G	VI	IV	023	B.74	CB 2	LATE 2ND-MID-4TH
G	VI	IV	023	O.107	DA 22	1ST-3RD?
G	VI	IV	023	O.362	DE 207	FLAVIAN?
G	VI	IV	023	R.43	GA 14	AD 340 QN
G	VI	IV	026	R.56	GC 6	1ST-2ND

G	VI	IV	026	R.65	GC 45	1ST-2ND
G	VI	IV	033	O.119	*DA 14	1ST-3RD
G	VI	IV	033	O.198	*DW 22	FLAVIAN?
G	VI	IV	033	O.202	*DI 25	2ND?
G	VI	IV	033	O.221	FA 6	LATE 1ST-MID-2ND
G	VI	IV	033	R.173	BC 52	HADRIANIC-ANTONINE
G	VI	IV	033	R.216	BE 71	2ND
G	VI	IV	033	R.226	BB 19	1ST-2ND
G	VI	IV	033	R.268	BE 40	1ST-2ND?
G	VI	IV	033	R.271	*CH 16	1ST-2ND?
G	VI	IV	033	R.396	BD 27	1ST-2ND?
G	VI	IV	033	R.412	BC 278	HADRIANIC-ANTONINE
G	VI	IV	033	R.437	GA 18	4TH
G	VI	IV	033	W.28	EB 29	1ST
G	VI	V	004	B.5	CB 44	HADRIANIC-ANTONINE
G	VI	V	004	R.212	BC 57	2ND
G	VI	V	004	R.52	GC 5	1ST-2ND
G	VI	V	004	R.75	CCC 25	HADRIANIC-ANTONINE
G	VI	V	005	B.18	CB 211	LATE 3RD-EARLY 4TH
G	VI	V	005	B.67	CB 23	2ND?
G	VI	V	005	O.265	DE 1	2ND-3RD
G	VI	V	005	O.362	DE 207	FLAVIAN?
G	VI	V	005	O.367	DE 182	2ND-4TH
G	VI	V	006	B.16	CB 91	2ND
G	VI	V	006	B.16	CB 91	2ND
G	VI	V	006	B.54	CB 84	EARLY-MID-4TH
G	VI	V	006	B.57	CB 14	EARLY-MID-4TH
G	VI	V	006	B.67	CB 23	2ND?
G	VI	V	006	C.38	DHA 49	AD 270-400
G	VI	V	014	B.67	CB 23	2ND?
G	VI	V	027	B.67	CB 23	2ND?
G	VI	V	100	B.34	CB 191	HADRIANIC-ANTONINE
G	VI	V	100	C.26	DO 7	C AD 150-250
G	VI	V	100	O.280	*DI 47	2ND-3RD
G	VI	V	100	O.281	DEA 131	4TH
G	VI	V	100	O.351	DE 105	LATE 2ND-LATE 3RD
G	VI	V	100	O.358	DE 165	LATE 3RD-4TH
G	VI	V	100	O.439	LW 37	
G	VI	V	100	R.110	GA 24	LATE 3RD ON
G	VI	V	103	B.17	CB 194	3RD
G	VI	V	103	B.20	CB 80	MID 3RD-EARLY 4TH
G	VI	V	103	B.67	CB 23	2ND?
G	VI	V	103	R.29	BC 304	1ST-2ND?
G	VI?	IA	007	B.5	CB 44	HADRIANIC-ANTONINE
G	VI?	IA	007	O.47	DA 111	1ST-2ND
G	VI?	IA	007	O.84	DA 1	1ST-2ND
G	VI?	IA	017	B.11	CB 47	HADRIANIC- (ANTONINE)
G	VI?	IA	017	B.44	CB 43	3RD
G	VI?	IA	017	B.67	CB 23	2ND?
G	VI?	IA	017	C.36	DR 47	MID 4TH ON
G	VI?	IA	017	O.228	DE 10	
G	VI?	IA	017	O.274	DEA 143	2ND-3RD
G	VI?	IA	017	O.353	DE 141	2ND-3RD
G	VI?	IA	017	O.369	DE 80	2ND-4TH
G	VI?	IA	017	R.104	GA 3	LATE 3RD ON
G	VI?	IA	017	R.110	GA 24	LATE 3RD ON
G	VI?	IA	017	R.56	GC 6	1ST-2ND
G	VI?	IV	028	R.56	GC 6	1ST-2ND
G	VI?	V	107	O.281	DEA 131	4TH
G	VII	I	051	R.109	GA 4	LATE 3RD ON
G	VII	I	051	R.51	GC 42	1ST-2ND
G	VII	I	073	O.265	DE 1	2ND-3RD
G	VII	I	075	O.126	DEA 67	

G	VII	I	084	O.358	DE 30	LATE 3RD-4TH
G	VII	I	084	R.143	BC 19	LATE 1ST-EARLY 2ND
G	VII	IA	023	R.51-68	GC 32	
G	VII	IA	054	O.147	DE 393	LATE 3RD-4TH
G	VII	IA	054	O.84	DA 1	1ST-2ND
G	VII+	IA	013	B.6	CB 87	LATE 2ND-EARLY 3RD
G	VII+	IA	051	O.84	DA 1	1ST-2ND
G	VII+	IA	053	R.57	GC 3	1ST-2ND
G	VIII	I	012	B.3	CB 110	HADRIANIC-ANTONINE
G	VIII	I	012	B.67	CB 23	2ND?
G	VIII	I	012	B.70	CB 219	2ND
G	VIII	I	040	B.67	CB 23	2ND?
G	VIII	I	050	B.67	CB 23	2ND?
G	VIII	I	050	B.69	CB 195	LATE 2ND-MID-4TH
G	VIII	I	050	O.274	DEA 143	2ND-3RD
G	VIII	I	050	O.276	DEA 308	LATE 2ND-3RD
G	VIII	I	066	R.249	BC 67	1ST-EARLY 2ND
G	VIII	I	066	R.324	BC 269	1ST?
G	VIII/IX	I	029	B.63	CB 203	ANTONINE
G	VIII/IX	I	029	B.67	CB 23	2ND?
G	VIII/IX	I	029	O.84	DA 1	1ST-2ND
G	VIII/IX	I	029	R.143	BC 19	LATE 1ST-EARLY 2ND
G	VIII/IX	I	029	R.173	BC 52	HADRIANIC-ANTONINE
G	VIII/IX	I	029	W.36	EB 1	LATE 1ST-EARLY 2ND?
G	X	I	064	B.39	CB 70	HADRIANIC-ANTONINE
G	X	I	064	B.41	CB 60	ANTONINE
G	X	I	064	B.67	CB 23	2ND?
G	X	I	064	B.70	CB 219	2ND
G	X	I	064	O.265	DE 1	2ND-3RD
G	X	I	064	O.85	DA 12	
G	X	I	064	R.207	BC 335	
G	X	IA	018	B.20	CB 80	MID 3RD-EARLY 4TH
G	X	IA	018	B.50	CB 94	LATE 3RD-MID-4TH
G	X	IA	018	R.56	GC 6	1ST-2ND
G	X	IA	020	O.252	*CH 2	1ST
G	X	IA	020	O.61	DE 137	
G	X	IA	020	R.143	BC 19	LATE 1ST-EARLY 2ND
G	X	IA	020	W.10	EB 20	
G	X	IA	021	R.106	GA 30	AD 340 ON
G	X	IA	021	R.342	*BF 51	2ND
G	X	IA	021	R.97	CCE 3	HADRIANIC-ANTONINE
G	X	II	007	B.67	CB 23	2ND?
G	X	II	007	B.75	CB 165	HADRIANIC ON
G	X	II	007	B.9	CB 69	HADRIANIC-(ANTONINE)
G	X	II	007	R.143	BC 19	LATE 1ST-EARLY 2ND
G	X	II	007	R.37	(GA 12)	2ND-4TH
G	X	III	002	B.32	CB 123	
G	X	III	002	C.3	DHA 18	AD 240-400
G	X	IV	005	CW.9	DM 47	LATE 2ND-EARLY 3RD
G	X	IV	014	O.66	DA 1	1ST-2ND
G	X	V	030	P.7	*BF 59	1ST-2ND
H		I	001	B.51	CB 89	ANTONINE-MID 4TH
H		I	001	O.119	*DA 14	1ST-3RD
H		I	001	O.183	DEA 163	1ST-2ND
H		I	001	O.184	DS 2	
H		I	001	O.431	DEA 414	1ST-EARLY 2ND
H		I	001	R.143	BC 19	LATE 1ST-EARLY 2ND
H		I	001	R.143	BC 19	LATE 1ST-EARLY 2ND
H		I	001	R.345	BC 145	1ST (-2ND)
H		I	001A	R.143	BC 19	LATE 1ST-EARLY 2ND
H		I	007B	R.143	BC 19	LATE 1ST-EARLY 2ND
H		I	014	R.132	BC 149	1ST
H		I	014	R.262	BU 9	1ST-2ND?

H	I	014	R.328	BR 11	1ST?
H	I	021	O.245	DA 96	1ST-2ND
H	I	039	R.143	BC 19	LATE 1ST-EARLY 2ND
H	I	049	R.143	BC 19	LATE 1ST-EARLY 2ND
H	I	050	O.302	*DA 18	1ST?
H	I	056	R.143	BC 19	LATE 1ST-EARLY 2ND
H	I	066A	R.143	BC 19	LATE 1ST-EARLY 2ND
H	I	074	O.338	DIA 14	MID-1ST-LATE 2ND
H	II	001	B.67	CB 23	2ND?
H	II	001	B.67	CB 23	2ND?
H	II	001	O.143	DE 113	LATE 3RD-4TH
H	II	001	O.167	DEA 72	2ND
H	II	001	O.199	DE 119	FLAVIAN?
H	II	001	O.265	DE 1	2ND-3RD
H	II	001	O.274	DEA 143	2ND-3RD
H	II	001	O.330	DEA 157	MID 1ST-LATE 2ND
H	II	001	O.358	DE 165	LATE 3RD-4TH
H	II	001	O.421	*DE 42	LATE 1ST-2ND
H	II	001	O.64	DEA 172	2ND-4TH
H	II	001	R.173	BC 52	HADRIANIC-ANTONINE
H	II	001	R.199	*BC 94	HADRIANIC-ANTONINE
H	II	001	R.213	BC 326	2ND
H	II	001	R.386	CCC 13	HADRIANIC-4TH
H	II	001	R.52	GC 5	1ST-2ND
H	II	002	B.38	CB 105	
H	II	002	B.5	CB 44	HADRIANIC-ANTONINE
H	II	002	B.56	CB 20	EARLY-MID-4TH
H	II	002	O.126	DEA 67	
H	II	002	O.13	DE 407	MID-2ND-3RD
H	II	002	O.265	DE 1	2ND-3RD
H	II	002	O.354	DIA 86	
H	II	002	O.392	DEA 415	1ST?
H	II	002	O.6	DE 83	MID-2ND-MID-3RD
H	II	002	O.61	DE 137	
H	II	002	R.114	BA 34	1ST?
H	II	002	R.2	BC 251	
H	II	002	R.51	GC 42	1ST-2ND
H	II	002	R.73	CCC 1	1ST-EARLY 2ND
H	II	002A	W.3	EB 12	LATE 1ST-EARLY 2ND
H	II	005A	O.274	DEA 143	2ND-3RD
H	II	007	R.393	CCC 11	2ND-4TH
H	II	036	O.274	DEA 143	2ND-3RD
H	II	039	B.3	CB 110	HADRIANIC-ANTONINE
H	II	039	O.136	DEA 14	LATE 3RD-4TH
H	II	039	O.265	DE 1	2ND-3RD
H	II	039	O.367	DE 182	2ND-4TH
H	II	039	O.394	DW 17	1ST-2ND
H	II	039	R.13	*BA 23	1ST-2ND
H	II	049A	B.11	CB 47	HADRIANIC-(ANTONINE)
H	II	049A	O.119	*DA 14	1ST-3RD
H	II	049A	O.158	CH 9	
H	II	049A	O.286	DW 1	LATE 2ND-3RD
H	II	049A	O.354	*CH 5	
H	II	049A	R.173	CT 36	HADRIANIC-ANTONINE
H	II	052	R.429	BC 256	2ND?
H	II	059	O.75	*DW 2	LATE 1ST-MID 2ND
H	II	061	O.265	DE 1	2ND-3RD
H	II	061	R.317	EB 51	EARLY-MID-2ND
H	II	064	B.67	CB 23	2ND?
H	II	064	O.245	DA 96	1ST-2ND
H	II	064	O.247	DA 113	1ST
H	II	066A	O.119	*DA 14	1ST-3RD
H	II	066A	R.299	BU 6	1ST-2ND?

H		II	069	B.39	CB 70	HADRIANIC-ANTONINE
H		II	085	O.265	DE 1	2ND-3RD
H		II	085	R.173	BC 52	HADRIANIC-ANTONINE
H		III	001	B.50	CB 94	LATE 3RD-MID-4TH
H		III	001	B.67	CB 23	2ND?
H		III	001	O.265	DE 1	2ND-3RD
H		III	T/S	O.265	DE 1	2ND-3RD
H	I	I	027	W.25	ED 28	EARLY-MID-1ST
H	I	I	033	O.338	DIA 14	MID-1ST-LATE 2ND
H	I	I	033	R.143	BC 19	LATE 1ST-EARLY 2ND
H	I	II	045B	R.51	GC 42	1ST-2ND
H	II	I	005	O.42	DEA 151	
H	II	I	005	O.49	DA 6	
H	II	I	007	O.265	DE 1	2ND-3RD
H	II	I	007	R.51	GC 42	1ST-2ND
H	II	I	009	O.176	DM 6	1ST?
H	II	I	009	O.252	DIA 78	1ST
H	II	I	009	O.43	DA 17	
H	II	I	009	R.66	GC 8	1ST-2ND
H	II	I	010	R.143	BC 19	LATE 1ST-EARLY 2ND
H	II	I	013	O.274	DEA 143	2ND-3RD
H	II	I	013	O.338	DIA 14	MID-1ST-LATE 2ND
H	II	I	013	R.143	BC 19	LATE 1ST-EARLY 2ND
H	II	I	019	B.3	CB 110	HADRIANIC-ANTONINE
H	II	I	019	O.265	DE 1	2ND-3RD
H	II	II	010	B.5	CB 44	HADRIANIC-ANTONINE
H	II	II	010	R.51	GC 42	1ST-2ND
H	II	II	010	R.51-68	GC 27	
H	II	II	025	O.291	CH 8	1ST?
H	II	II	025	R.51	GC 42	1ST-2ND
H	II	II	028	R.51	GC 42	1ST-2ND
H	II	II	030	O.245	DA 96	1ST-2ND
H	II	II	033	B.11	CB 47	HADRIANIC-(ANTONINE)
H	II	II	033	O.274	DEA 143	2ND-3RD
H	II	II	033	O.412	DW 15	MID-1ST-2ND
H	II	II	033	O.84	DA 1	1ST-2ND
H	II	II	033	R.51	GC 42	1ST-2ND
H	II	II	048	O.29	DEA 185	2ND
H	II	II	049	B.39	CB 70	HADRIANIC-ANTONINE
H	II	II	049	O.119	*DA 14	1ST-3RD
H	II	II	049	O.265	DE 1	2ND-3RD
H	II	II	049	O.386	DE 129	2ND
H	II	II	049	R.89	CCC 15	ANTONINE
H	II	II	049B	O.410	DW 19	LATE 1ST-MID-2ND
H	II	II	049B	O.411	DW 20	LATE 1ST-MID-2ND
H	II	II	049B	O.98	DA 10	1ST-2ND
H	II	II	049B	R.362	BC 163	HADRIANIC-ANTONINE
H	II	II	049C	O.411	DW 20	LATE 1ST-MID-2ND
H	II	II	049D	R.393	CCC 11	2ND-4TH
H	II	II	063	C.8	CI 7	
H	II	II	063	O.126	DEA 67	
H	II	II	065	O.158	CH 9	
H	II	II	065	O.252	*CH 2	1ST
H	II	II	065	R.324	BC 269	1ST?
H	II	II	067	R.135	BC 39	LATE 1ST-EARLY 2ND
H	II	II	067	R.173	BC 52	HADRIANIC-ANTONINE
H	II	II	074	B.11	CB 47	HADRIANIC-(ANTONINE)
H	II	II	074	B.39	CB 70	HADRIANIC-ANTONINE
H	II	II	074	O.136	DEA 14	LATE 3RD-4TH
H	II	II	074	O.158	CH 9	
H	II	II	074	O.421	*DE 42	LATE 1ST-2ND
H	II	II	074	R.111	GA 5	LATE 3RD ON
H	II	II	074	R.173	BC 52	HADRIANIC-ANTONINE

H	II	II	074	R.209	BC 49	2ND
H	II	II	074	R.229	*BF 53	2ND
H	II	II	074	R.302	BB 52	2ND
H	II	II	074	R.93	CCC 21	HADRIANIC-ANTONINE
H	II	II	074A	O.265	DE 1	2ND-3RD
H	II	II	074A	O.84	DA 1	1ST-2ND
H	II	II	074A	R.173	BC 52	HADRIANIC-ANTONINE
H	II	II	074A	W.14	EB 65	
H	II	II	080	O.136	DEA 14	LATE 3RD-4TH
H	II	II	080	O.196	CH 15	FLAVIAN?
H	II	II	080	R.49	*GC 13	1ST-2ND
H	II	II	080	R.89	CCC 15	ANTONINE
H	II	II	080	R.91	CCC 22	ANTONINE
H	II	II	082	R.460	BC 260	
H	III	II	003	B.38	CB 105	
H	III	II	003	R.173	BC 52	HADRIANIC-ANTONINE
H	III	II	004	B.11	CB 47	HADRIANIC- (ANTONINE)
H	III	II	005	B.34	CB 191	HADRIANIC-ANTONINE
H	III	II	005	B.41	CB 60	ANTONINE
H	III	II	005	R.220	CT 18	2ND
H	III	II	005	R.280	*BA 4	1ST-2ND?
H	III	II	005	R.421	*BF 16	2ND
H	III	II	006	O.29	DEA 185	2ND
H	III	II	006A	B.5	CB 44	HADRIANIC-ANTONINE
H	III	II	006A	B.67	CB 23	2ND?
H	III	II	006A	O.274	DEA 143	2ND-3RD
H	III	II	006A	O.419	DW 62	LATE 1ST-2ND
H	III	II	006A	R.173	BC 52	HADRIANIC-ANTONINE
H	III	II	006A	R.73	CCC 1	1ST-EARLY 2ND
H	III	II	006B	B.3	CB 110	HADRIANIC-ANTONINE
H	III	II	006B	B.39	CB 70	HADRIANIC-ANTONINE
H	III	II	007C	R.33	BG 39	1ST-2ND?
H	III	II	012	R.39	(GA 10)	1ST-2ND
H	III	II	016	R.49	GB 4	1ST-2ND
H	III	II	035	O.158	CH 9	
H	III	II	055	O.158	CH 9	
H	III	II	068	B.38	CB 105	
H	III	II	068	O.274	DEA 143	2ND-3RD
H	III	II	068	O.4	DE 190	1ST
H	III	II	071	R.460	BC 266	
H	III	II	073A	O.330	DEA 157	MID 1ST-LATE 2ND
H	III	II	073A	R.211	*CB 129	ANTONINE
H	III	II	073A	R.430	BC 283	HADRIANIC-ANTONINE
H	III	II	073A	R.73	CCC 1	1ST-EARLY 2ND
H	III	II	076	R.316	BB 41	2ND
H	III	II	091	B.11	CB 47	HADRIANIC- (ANTONINE)
H	III	II	091	B.39	CB 70	HADRIANIC-ANTONINE
H	III	II	091	B.9	CB 69	HADRIANIC- (ANTONINE)
H	III	II	091	O.274	DEA 143	2ND-3RD
H	III	II	091	R.393	CCC 16	2ND-4TH
H	III	II	094	R.96	CCE 5	HADRIANIC-ANTONINE
J		I	001	B.39	CB 70	HADRIANIC-ANTONINE
J		I	001	B.67	CB 23	2ND?
J		I	001	O.136	DEA 14	LATE 3RD-4TH
J		I	001	O.265	DE 1	2ND-3RD
J		I	001	O.361	DE 188	FLAVIAN?
J		I	043	O.136	DEA 14	LATE 3RD-4TH
J		II	001	O.265	DE 1	2ND-3RD
J		II	001	O.274	DEA 143	2ND-3RD
J		II	001	O.314	DI 2	1ST-2ND
J		II	001	O.348	DE 19	LATE 2ND-3RD
J		II	002	B.21	CB 55	LATE 3RD-EARLY 4TH
J		II	002	O.268	DE 375	LATE 2ND-3RD

J	II	004A	O.119	*DA 14	1ST-3RD
J	II	004A	O.228	DE 7	
J	II	004A	O.235	DEA 253	LATE 1ST-3RD
J	II	004A	O.338	DIA 14	MID-1ST-LATE 2ND
J	II	004A	R.69	CCC 12	1ST-2ND
J	II	004B	O.58	DE 91	LATE 1ST-MID 2ND
J	II	005	O.136	DEA 14	LATE 3RD-4TH
J	II	005	O.265	DE 1	2ND-3RD
J	II	006	O.147	DE 393	LATE 3RD-4TH
J	II	006	O.265	DE 1	2ND-3RD
J	II	006	O.358	DE 30	LATE 3RD-4TH
J	II	007	O.274	DEA 143	2ND-3RD
J	II	007	R.265	*BE 43	1ST-2ND?
J	II	010	O.265	DE 1	2ND-3RD
J	II	011?	R.192	*BC 114	HADRIANIC-ANTONINE
J	II	013	O.265	DE 1	2ND-3RD
J	II	013	O.386	DE 161	2ND
J	II	013	R.353	CT 17	1ST-2ND
J	II	016	O.136	DEA 14	LATE 3RD-4TH
J	II	017	O.358	DE 30	LATE 3RD-4TH
J	II	020	O.265	DE 1	2ND-3RD
J	II	020	R.209	BC 49	2ND
J	II	020	R.69	CCC 12	1ST-2ND
J	II	021	O.136	DEA 14	LATE 3RD-4TH
J	II	021	O.265	DE 1	2ND-3RD
J	II	021	O.274	DEA 143	2ND-3RD
J	II	021	O.338	DIA 14	MID-1ST-LATE 2ND
J	II	021	R.147	BE 73	LATE 1ST-EARLY 2ND
J	II	021	R.155	BC 105	LATE 1ST-EARLY 2ND
J	II	021	R.173	BC 52	HADRIANIC-ANTONINE
J	II	021	R.178	BC 111	HADRIANIC-ANTONINE
J	II	021	R.190	BD 29	HADRIANIC-ANTONINE
J	II	021	R.192	BD 36	HADRIANIC-ANTONINE
J	II	021	R.215	BD 28	2ND
J	II	021	R.216	BE 71	2ND
J	II	021	R.26	*BF 23	1ST-2ND?
J	II	021	R.28	BC 197	1ST-2ND?
J	II	021	R.396	BD 27	1ST-2ND?
J	II	021	R.484	BC 196	
J	II	021	R.69	CCC 12	1ST-2ND
J	II	021	R.73	CCC 1	1ST-EARLY 2ND
J	II	021	R.81	CCC 36	1ST-EARLY 2ND
J	II	021A	R.69	CCC 12	1ST-2ND
J	II	021A	R.76	CCC 30	1ST-EARLY 2ND
J	II	022	O.139	DEA 396	2ND-3RD
J	II	022	O.338	DIA 14	MID-1ST-LATE 2ND
J	II	022	R.192	BD 36	HADRIANIC-ANTONINE
J	II	022	R.209	BC 49	2ND
J	II	022	R.280	*BA 4	1ST-2ND?
J	II	022	R.69	CCC 12	1ST-2ND
J	II	022	R.77	CCC 32	1ST-EARLY 2ND
J	II	022A	O.134	DE 292	2ND-3RD
J	II	022A	O.135	DE 289	2ND-3RD
J	II	022A	O.138	DEA 260	2ND-3RD
J	II	022A	O.141	DEA 268	1ST-2ND
J	II	022A	O.157	DZ 44	2ND (-3RD)
J	II	022A	O.169	DEA 337	
J	II	022A	O.184	DEA 293	
J	II	022A	O.187	DEA 338	
J	II	022A	O.189	DEA 294	
J	II	022A	O.206	DZ 24	1ST-2ND
J	II	022A	O.232	DEA 296	
J	II	022A	O.265	DE 1	2ND-3RD

J		II	022A	O.271	DEA 335	1ST-2ND
J		II	022A	O.280	DEA 406	2ND-3RD
J		II	022A	O.282	DIA 21	2ND-3RD
J		II	022A	O.282	DIA 50	2ND-3RD
J		II	022A	O.282	DIA 52	2ND-3RD
J		II	022A	O.283	DIA 32	1ST-3RD
J		II	022A	O.285	DI 49	
J		II	022A	O.285	DIA 51	
J		II	022A	O.290	DZ 43	2ND-3RD
J		II	022A	O.291	CH 8	1ST?
J		II	022A	O.328	DEA 335	MID-1ST-LATE 2ND
J		II	022A	O.334	DIA 44	MID-1ST-LATE 2ND
J		II	022A	O.338	DIA 14	MID-1ST-LATE 2ND
J		II	022A	O.368	DE 291	
J		II	022A	O.378	DEA 342	2ND?
J		II	022A	O.382	DEA 299	2ND-3RD?
J		II	022A	O.446	DA 72	
J		II	022A	R.139	BC 302	LATE 1ST-EARLY 2ND
J		II	022A	R.209	BC 49	2ND
J		II	022A	R.338	*BF 61	2ND
J		II	022A	R.34	*CB 52	
J		II	022A	R.392	CCC 9	
J		II	022A	R.69	CCC 12	1ST-2ND
J		II	022A	R.95	CCC 19	HADRIANIC-ANTONINE
J		II	022A	W.13	ED 8	
J		II	023	O.136	DEA 14	LATE 3RD-4TH
J		II	023	O.243	*DK 9	1ST-2ND
J		II	023	O.265	DE 1	2ND-3RD
J		II	029	O.400	*DI 7	
J		II	053	R.51-68	GC 2	
J	VIII	I	031	R.306	CE 6	LATE 1ST-MID-2ND
K		I	023	O.405	DE 230	AD 350-400
K		IV	002	B.56	CB 20	EARLY-MID-4TH
K		VI	002	B.39	CB 70	HADRIANIC-ANTONINE
K	-	I	026	R.255	BU 2	1ST?
K	-	I	026	R.336	BC 288	
K	-	I	027	R.103	GA 26	AD 340 ON
K	-	II	002	C.11	DF 51	AD 325-400
K	-	II	002	C.58	DF 43	AD 270-400
K	-	II	002	C.61	DF 52	AD 240-400
L		I	001	B.20	CB 80	MID 3RD-EARLY 4TH
L		I	001	O.59	DE 177	2ND-4TH
L		I	001	O.61	DE 137	
L		I	007	B.36	CB 169	HADRIANIC-ANTONINE
L		I	007	B.5	CB 44	HADRIANIC-ANTONINE
L		I	007	C.19	FA 4	LATE 1ST-MID-2ND
L		I	007	O.127	DEA 217	MID-LATE 2ND
L		I	007	O.250	DI 24	1ST
L		I	007	O.265	DE 1	2ND-3RD
L		I	007	O.397	DE 226	1ST-3RD?
L		I	007	O.359	DW 56	1ST-3RD?
L		I	007	O.441	DEA 221	FLAVIAN?
L		I	007	R.113	*BC 118	LATE 1ST-EARLY 2ND
L		I	007	R.143	BC 19	LATE 1ST-EARLY 2ND
L		I	007	R.276	BA 82	1ST-2ND?
L		I	009	B.5	CB 44	HADRIANIC-ANTONINE
L		I	019	B.6	CB 87	LATE 2ND-EARLY 3RD
L		II	001	R.258	*BE 41	1ST-2ND?
L		III	001	B.5	CB 44	HADRIANIC-ANTONINE
L		III	001	B.56	CB 20	EARLY-MID-4TH
L		IIIA	007	C.37	DHA 1	MID 4TH ON
L		IX	001	B.5	CB 44	HADRIANIC-ANTONINE
L		IX	001	O.281	DEA 131	4TH

L		IX	001	O.351	DE 105	LATE 2ND-LATE 3RD
L		IX	001	O.367	DE 182	2ND-4TH
L		IX	001	O.441	DEA 221	FLAVIAN?
L		IX	001	R.23	*BA 40	1ST-2ND
L		V	001	R.391	CCC 2	HADRIANIC-ANTONINE
L		V	005	R.52	GC 5	1ST-2ND
L		V	006	R.173	BC 52	HADRIANIC-ANTONINE
L		V	009	O.349	DE 90	2ND-3RD
L		V	009	R.289	BA 48	
L		VI	001	B.30	CB 218	2ND-3RD
L		VI	001	O.146	DE 78	LATE 3RD-4TH
L		VI	001	O.349	DE 90	2ND-3RD
L		VI	001	O.409	DEA 239	
L		VI	001	R.173	BC 52	HADRIANIC-ANTONINE
L		VI	005	R.143	BC 19	LATE 1ST-EARLY 2ND
L		VI	009	B.20	CB 80	MID 3RD-EARLY 4TH
L		VI	009	O.403	DE 241	
L		VI	009	R.135	BC 39	LATE 1ST-EARLY 2ND
L		VI	009	R.143	BC 19	LATE 1ST-EARLY 2ND
L		VIII	001	R.209	BC 49	2ND
L		X	001	R.69	CCC 12	1ST-2ND
L		X	007	R.69	CCC 12	1ST-2ND
L		XI	002	B.20	CB 81	MID 3RD-EARLY 4TH
L		XI	002	O.286	DW 1	LATE 2ND-3RD
L		XI	002	R.278	BB 54	1ST-2ND?
L		XII	001	B.20	CB 80	MID 3RD-EARLY 4TH
L		XII	001	B.5	CB 44	HADRIANIC-ANTONINE
L		XII	001	B.56	CB 20	EARLY-MID-4TH
L		XII	001	O.149	DE 224	LATE 3RD-4TH
L		XII	001	O.326	DEA 48	MID 1ST-LATE 2ND
L		XII	001	O.443	DEA 235	LATE 1ST-MID-2ND
L		XII	001	R.143	BC 19	LATE 1ST-EARLY 2ND
L		XII	001	R.143	BC 109	LATE 1ST-EARLY 2ND
L		XII	001	R.175	*BF 25	HADRIANIC-ANTONINE
L		XII	001	R.301	BA 80	2ND
L		XII	006	B.67	CB 23	2ND?
L		XII	007	R.143	BC 19	LATE 1ST-EARLY 2ND
L		XII	007	R.292	*BF 28	1ST-2ND?
L		XII	007	R.77	CCC 32	1ST-EARLY 2ND
L		XIII	001	B.20	CB 80	MID 3RD-EARLY 4TH
L		XIII	001	B.28	CB 176	HADRIANIC-ANTONINE
L		XIII	001	CW.1	DM 25	4TH
L		XIII	001	R.91	CCC 22	ANTONINE
L		XIII	002	B.34	CB 191	HADRIANIC-ANTONINE
L		XIII	002	B.34	CB 5	HADRIANIC-ANTONINE
L		XIII	002	B.59	CB 250	HADRIANIC-ANTONINE
L		XIII	002	O.249	DEA 238	1ST
L		XIII	002	O.300	DE 234	1ST-2ND
L		XIII	002	R.143	BC 19	LATE 1ST-EARLY 2ND
L		XVIII	001	R.90	CCC 4	ANTONINE
L	-	II	007	O.266	DE 288	LATE 2ND-EARLY 3RD
L	-	XI	007	O.274	DEA 143	2ND-3RD
L	-	XII	002	B.67	CB 23	2ND?
L	-	XII	002	O.307	DE 236	2ND
L	-	XII	004	B.67	CB 23	2ND?
L	-	XII	008	O.265	DE 1	2ND-3RD
L	-	XII	008	R.143	BC 19	LATE 1ST-EARLY 2ND
L	-	XII	010	O.274	DEA 143	2ND-3RD
L	-	XII	010	O.84	DA 1	1ST-2ND
L	-	XII	010	R.143	BC 19	LATE 1ST-EARLY 2ND
L	I	III	008	R.205	CT 21	HADRIANIC-ANTONINE
L	I	III	016	O.281	DEA 131	4TH
L	I	III	018	O.198	*DW 22	FLAVIAN?

L	I	III	021	0.54	DE 288
L	I	VIII	026	R.143	BC 19 LATE 1ST-EARLY 2ND
L	I	XIII	004	0.84	DA 1 1ST-2ND
L	I	XIII	004	R.88	CCC 7 ANTONINE
L	II	I	016	B.3	CB 110 HADRIANIC-ANTONINE
L	II	I	016	0.185	DEA 216 NERONIAN-FLAVIAN
L	II	I	016	0.236	DI 71 1ST-2ND
L	II	I	016	0.331	DEA 231 MID-1ST-LATE 2ND
L	II	I	016	0.409	DZ 20
L	II	I	016	R.136	BC 354 1ST-EARLY 2ND
L	II	I	016	R.268	BE 40 1ST-2ND?
L	II	I	016	R.272	*BF 77 1ST-2ND?
L	II	I	016	R.47	GB 2 1ST-2ND?
L	II	I	021	0.305	DE 227 1ST?
L	II	III	011	B.20	CB 80 MID 3RD-EARLY 4TH
L	II	III	011	B.67	CB 23 2ND?
L	II	III	011	R.143	BC 19 LATE 1ST-EARLY 2ND
L	II	III	011	R.258	*BE 41 1ST-2ND?
L	II	III	014	B.36	CB 169 HADRIANIC-ANTONINE
L	II	III	014	W.46	AB 10
L	II	XIII	008	0.399	DW 56 1ST-3RD?
L	II	XIII	008	R.143	BC 19 LATE 1ST-EARLY 2ND
L	II	XIII	008	R.211	*CB 129 ANTONINE
L	II	XIII	008	R.241	BF 109 1ST-2ND
L	II	XIII	008	R.278	*BF 82 1ST-2ND?
L	II	XIII	008	R.430	BC 283 HADRIANIC-ANTONINE
L	III	I	002	R.307	BU 1 1ST?
L	III	I	004	0.399	DW 56 1ST-3RD?
L	III	I	004	0.441	DEA 221 FLAVIAN?
L	III	I	004	0.442	DEA 223
L	III	III	009	R.143	BC 19 LATE 1ST-EARLY 2ND
L	III	III	009	R.166	BR 1 1ST
L	III	III	009	R.56	GC 6 1ST-2ND
L	III	IX	003	0.367	DE 182 2ND-4TH
L	III	XIII	009	B.20	CB 80 MID 3RD-EARLY 4TH
L	III	XIII	009	R.143	BC 19 LATE 1ST-EARLY 2ND
L	IV	III	010	B.18	CB 211 LATE 3RD-EARLY 4TH
L	IV	III	010	B.67	CB 23 2ND?
L	IV	III	010	0.349	DE 90 2ND-3RD
L	IV	III	010	0.357	DE 213 3RD
L	IV	III	010	W.8	EB 32 2ND
L	IV	VIII	049	C.56	DF 13 AD 270-400
M		I	001	C.63	DF 16 AD 240-400
M		I	001	CW.19	DM 36 4TH
M		I	001	R.103	GA 26 AD 340 ON
M		I	001	R.107	GA 2 AD 340 ON
M		I	T/S	0.151	DE 327 4TH
M		I	U/S	B.67	CB 23 2ND?
M		I	U/S	0.254	DE 120 1ST-2ND
M		I	U/S	0.281	DEA 131 4TH
M	I	I	022	B.?	1ST?
M	I	III	016	B.67	CB 23
M	I	III	019	B.?	3RD-4TH
M	I	III	020		CB 3RD
M	I	III	020	B.?	3RD-4TH
M	I	III	024	B.?	3RD-4TH
M	II	I	021	0.143	DE 113 LATE 3RD-4TH
M	II	I	021	R.93	CCC 21 HADRIANIC-ANTONINE
M	II	III	006B	B.67	CB 23
M	II	III	014	B.11	HADRIANIC-ANTONINE
M	II	III	014	B.67	CB 23
M	III	I	010	0.7	DE 204 MID-2ND-MID-3RD
M	IV	III	003C	B.20	BC 80 3RD

N	IV	III	003C	B.67	CB 23			
N	IV	III	003C	O.349	DE 90	LATE	2ND-LATE	3RD
M	IV	III	009	O.349	DE 90	LATE	2ND-LATE	3RD
N	IV	III	011	R.174				

Pottery pit groups

by Frances Lee, Gerda Lindquist, and Jeremy Evans

Introduction

The pit groups are illustrated in microfiche, in figs M1-M9, and the individual vessels are mostly also reproduced in the printed corpus. The code, eg (R.173), at the end of each sherd description indicates the equivalent type sherd in the printed corpus. The type sherd is sometimes from a different context and, rarely, in a different fabric. In the majority of cases the vessel type has not been redrawn for the pit group illustrations, so that the illustrations represent types present in the pits, not necessarily the actual sherds.

Four pit groups are illustrated, B I 3, D I 126A, D I 246 and 246A, and D II 29A. They are all well-sealed contexts offering uncontaminated terminus ante quem dates. The pottery from these contexts is therefore of particular value as the dates of use and abandonment are known. The editorial process revealed that some of the vessel types attributed to pit groups in the main corpus had not been included in the pit group illustrations. These are appended at the end of each list.

Pit B I 3 (phase II, Antonine-3rd century) (figs M1-M4)

This is a group of pottery sealed in an internal layer of square pit B I 10. The pit was 2.1 m deep and irregular in shape. The main deposit was a fill of ash and sand B I 3, and included glass fragments, burnt clay, and bronze and iron objects. There is a large quantity of Hadrianic-Antonine pottery associated with mortaria dated to AD 130-180 and samian dated AD 120-150. There is also a coin of Claudius II (AD 268-270) which is intrusive and probably introduced when pit B I 2 cut through the earlier pit.

Reduced wares

Jars

- | | | |
|---|-------|---|
| 1 | BB 52 | Small neckless jar with everted rim in fabric BB. Below rim an incised line. Rim and ext. well-burnished. (R.302) |
|---|-------|---|

- 2 BB 191 Fine, narrow-necked jar. Everted neck with incised lines at base of neck; below this and above a second pair of incised lines is a burnished band. Incised zig-zag line beneath these is bordered by another incised line. Beneath all are three burnished lines. (R.18)
- 3 BC 409 Fine storage jar with everted rim, pronounced shoulder, with shallow groove where neck joins body. Covered by a brown slip. (R.27)
- 4 BC 123 Conical rusticated jar with everted rim and overhanging lip, burnished lines on rim and shoulder. Groove above area of regularly spaced linear rustication. AD 70-120. (R.123)
- 5 BC 52 Jar with short everted rim. Horizontal burnished lines on whole body ext. Band of solid burnishing above base. Black-Burnished copy. (R.173)
- 6 BC 347 Neckless jar with everted rim and beaded lip. Shoulder burnished above acute burnished lattice. Hadrianic-Antonine Black-Burnished copy. (R.186)
- 7 BC 49 Bead-rim jar with faint lattice decoration on girth. (R.209)
- 8 BG 117 Fine, wide-necked jar/bowl with flattened rim and pronounced shoulder. Grey slip. Ext. burnished. (R.285)
- 9 CCC 12 Malvernian cooking pot with inturned bead rim. Acute burnished lattice on ext. (Cf Peacock 1968a, fig 1, no 9). 1st-early 2nd century. (R.67)
- 10 CCC 15 Tubby cooking pot. Ext. lightly burnished. Antonine. (R.89)
- 11 CCC 10 Cooking pot. Rim short and slightly everted. Burnished horizontal lines on ext. Malvern ware (Cf Peacock 1968a). 1st-early 2nd century. (R.71)
- 12 CCC 22 Tubby cooking pot with vestigial beaded lip. Ext. has burnished vertical lines. Malvern ware (Cf Peacock 1968a, no 1). Antonine. (R.91)
- 13 CCC 21 Cooking pot with everted rim. Rim and shoulder burnished. Below is acute burnished lattice, and immediately above base a burnished area. Copy of Black-Burnished cooking pot. Hadrianic-Antonine. (R.93)

14	CT 38	Copy of Black-Burnished jar. Rim everted with groove at base of rim. Rim burnished, and shoulder has burnished horizontal lines. Acute burnished lattice on body. Between lattice and base, another band of burnishing. Hadrianic-Antonine. (R.204)
Beaker		
15	BB 24	Beaker with short everted rim. Below rim an incised groove. Shoulder prominent and high. Fabric BB. 2nd century. (R.315)
Tankard		
16	BC 340	Tankard with incised groove below rim; handle scar, around which are burnished vertical lines. 2nd-3rd century. (R.335)
Bowls		
17	BA 67	Bowl with three burnished horizontal lines below rim and regularly shaped vertical lines on ext. Int. of neck has three burnished lines. (R.355)
18	BC 319	Straight-sided bowl with everted rim and chamfered base. Body has burnished horizontal lines. (R.360)
19	BG 37	Bowl with out-turned flat rim and high shoulder, and curved walls. Ext. has horizontal burnished lines. (R.401)
20	CCC 2	Hand-made dish with abundant acute lattice on int. and ext. Malvern ware. After AD 120. (R.391)
21	CCC 55	Hand-made bowl. Copy of a Black-Burnished vessel. Ext. burnished with lattice decorating the base. Malvern ware. After AD 120. (R.389)
22	CS 16	Very fine bowl with sharply everted rim and straight sides. Copies Black-Burnished tradition. Very highly-burnished with acute lattice on int. and ext. Hadrianic-Antonine. (R.378)
23	CT 9	Straight-sided bowl with out-turned rim and chamfered base. Ext. decorated by horizontal burnished lines. Form derived from Black-Burnished type and can therefore be dated to after AD 120. (R.379)
Lids		
24	BC 311	Lid with three burnished horizontal lines. (R.474)

25	BD 46	Lid with burnished horizontal lines on ext. (R.476)
26	BD 60	Rim of lid with burnished lines on ext.
27	BD 43	Lid with three burnished lines on ext. Int. and ext. have black slip. (R.474)
28	CT 37	Lid with horizontal bands burnished concentrically on ext. (R.482)

Black-Burnished ware

All of these vessels occur in fabric CB.

Jars

29	CB 110	Cooking pot with highly burnished ext. and upright rim. (Cf Gillam 1976, no 16). Early to mid-2nd century. (B.3)
30	CB 176	Jar with bead rim, burnished rim and shoulder, with acute lattice below. (Cf Gillam 1970, no 118, 2nd century. (B.28)
31	CB 44	Cooking pot with burnished rim and shoulder. Beneath rim is wavy line suggesting a 2nd-century date. Below shoulder an acute lattice decoration. (Cf Gillam 1976, no 3). Mid- to late 2nd century. (B.5)

Bowls

32	CB 70	Bowl with pie-dish rim and chamfered base. Rim burnished both on the int. and ext. (Cf Gillam 1976, no 37, mid-2nd century). (B.39)
33	CB 191	Bowl with beaded rim and wide shallow groove beneath. Base chamfered. Body ext. decorated by burnished acute lattice decoration. (Cf Gillam 1976, no 52). Early to mid-2nd century. (B.34)

Lid

34	CB 261	Lid rim only.
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Oxidised wares

Flagons

35	DE 225	Ring-necked flagon. Triple-ribbed handle. Ext. covered with cream slip. Flavian-Trajanic. (O.24)
36	DE 353	Ring-necked flagon. White slip on int. and ext. Flavian-Trajanic. (O.23)
37	DEA 347	Flagon with thickened rim and white slip. (O.19)

- 38 DI 28 Neck sherd of flagon with traces of cream slip on ext. (0.35)
- Narrow-necked jars**
- 39 DA 90 Narrow-necked jar with cordon at base of neck. Neck decorated with horizontal burnished lines. Below cordon is acute burnished lattice banded by pair of incised lines. Severn Valley ware (Cf Webster 1976, no 3). 1st-3rd century. (0.50)
- 40 DE 245 Narrow-necked jar with everted downward-turning rim. At base of neck is cordon. Pair of incised lines on shoulder above an area decorated by acute burnished lattice. Beneath this another pair of incised lines. Severn Valley ware (Cf Webster 1976, no 3). 1st-3rd century. (0.56)
- 41 DEA 391 Narrow-necked jar. Burnished lines on rim and neck with cordon at base of neck. Below this a band decorated by acute burnished lattice. Two incised lines border this. Severn Valley ware (Cf Webster 1976, no 1). 1st-4th century. (0.70)
- 42 DEA 373 Narrow-necked jar with cordon at base of neck. Neck and shoulder have burnished horizontal lines. Below is an area with acute burnished lattice bordered by pairs of incised horizontal lines. Severn Valley ware (Cf Webster 1976, no 2). Late 1st-mid 2nd century. (0.67; different vessels illustrated)
- 43 DEA 398 Narrow-necked storage jar with cordon at base of neck. Burnished horizontal lines on neck with band of acute burnished lattice on shoulder bordered by pairs of incised lines. Severn Valley ware (Cf Webster 1976, no 1). 1st-4th century. (0.69)
- 44 DIA 83 Narrow-necked jar with thickened rim. Traces of burnishing on ext. (0.73)
- 45 DK 8 Narrow-necked storage jar. At base of neck is cordon. Three pairs of incised horizontal grooves decorate body ext. with regularly spaced vertical lines between. Severn Valley ware (Cf Webster 1976, no 3). Mid-1st to 2nd century. (0.74)
- 46 DE 40 Small narrow-necked jar with everted rim and cordon at base of neck. (0.80)
- Other jars**
- 47 DA 84 Wide-mouthed jar with high shoulders and burnished

- rim and body ext. (O.96)
- 48 DE 154 Wide-mouthed jar. Hooked wedge-shaped rim; high shoulder. Rim and ext. burnished. (O.150)
- 49 DE 343 Globular closed-mouth jar with burnished ext. (O.179)
- 50 DE 417 Necked jar. Prominent shoulder and well-burnished ext. (O.199)
- 51 DEA 423 Small necked jar with everted rim. Shoulder prominent. Ext. decorated with regularly spaced horizontal burnished lines. (O.203)
- 52 DEA 20 Jar with everted rim and high shoulder. (O.165)
- 53 DEA 233 Ovoid jar with everted rim. (O.166)
- 54 DIA 43 Jar with everted rim. A burnished design on body ext. in the form of burnished diagonal lines with thick vertical bands of burnishing, very crudely executed. (O.170)
- 55 DIA 16 Globular jar with small everted rim. Ext. decorated with faint burnished lattice. (O.192)
- 56 DIA 42 Small jar with everted rim and constriction on shoulder. Possibly a rusticated jar form. Ext. badly pitted. (O.191)
- 57 DIA 79 Base sherd of jar.
- 58 DZ 37 Jar with everted rim. (O.175)
- Rough-cast jars/beakers**
- 59 FA 9 Base of rough-cast jar/beaker. (O.222)
- 60 FA 11 Body sherd of rough-cast jar.
- 61 DT 5 Rough-cast beaker with deep groove beneath the rim. Copying 'North Gaulish fabric 2', perhaps locally made, possibly at Gloucester.
- 62 DT 23 Base of rough-cast beaker. 'North Gaulish fabric 1' (Anderson 1980, fig II). AD 80-135. (C.13)
- 63 DT 27 Body sherd of colour-coated rough-cast beaker. Fabric similar to vessels produced at Gloucester (Anderson pers comm).

- 64 FE 1 Very fine rough-cast beaker with everted rim and self colour-coated. Cf Colchester (Anderson 1980, fig 13). AD 120-150. (C.22)
- 65 FE 2 Fine base of rough-cast beaker with iridescent colour-coat. Cf Colchester (Anderson 1980, fig 13, no 1). AD 120-150. (C.23)
- Other beakers**
- 66 DEA 158 Corrugated beaker. (O.231)
- Cup**
- 67 DEA 336 Base sherd of cup with dome in base int., burnished horizontal bands decorated ext. (O.255)
- Tankards**
- 68 DE 1 Tankard with incised line immediately beneath rim. Ring-groove on base with double-ribbed handle. Severn Valley (Cf Webster 1976, no 43). Late 2nd-3rd century. (O.265)
- 69 DE 344 Small tankard with bead rim and well-burnished ext. (O.269)
- 70 DEA 143 Tankard with incised line beneath rim a ring groove on base ext. Handle double-ribbed. Severn Valley ware (Cf Webster 1976, no 40). 2nd-3rd century. (O.274)
- 71 DEA 402 Tankard with incised groove immediately beneath rim. Double-ribbed handle, ring groove on base ext. Severn Valley ware (Cf Webster 1976, no 42/43). 2nd-3rd century. (O.278)
- 72 DEA 354 Tankard with incised groove beneath rim and burnished ext. Base flat. Severn Valley ware. (Cf Webster 1976, no 38/39). 2nd century. (O.277)
- 73 DEA 248 Tankard with incised groove beneath rim with pair of incised grooves around body. Handle double-ribbed. Severn Valley ware (Cf Webster 1976, no 38). Mid-late 1st century. (O.272)
- 74 DEA 346 Small tankard with rather splaying wall. Incised line below rim, lightly burnished ext. (Cf Webster 1976, no 43.) Late 2nd to 3rd century (O.279)
- 75 DIA 31 Tankard with incised groove below rim. Ext. burnished with acute burnished lattice on body. Incised groove on base ext. Handle double-ribbed. Severn Valley ware (Cf Webster 1976, no 38). Mid-to late 1st century. (O.284)

- 76 DIA 21 Tankard with incised groove below rim and incised ring groove on base ext. Double-ribbed handle. Ext. well-burnished. Severn Valley ware (Cf Webster 1976, no 42). 2nd-3rd century. (O.282)
- 77 DIA 69 Base sherd of small tankard.
- 78 DZ 34 Small mug with incised groove on rim. Ring groove on base ext. Double-ribbed handle. (O.289)

Bowls

- 79 DA 115 Bowl, with two incised grooves on top of rim and burnished rim and ext. Severn Valley ware (Cf Webster 1976, no 57). 3rd century. (O.345)
- 80 DE 346 Bowl with flange below vestigial beaded rim. Ext. and int. burnished. Severn Valley ware (Cf Webster 1976, no 65). Mid-2nd to early 3rd century. (O.380)
- 81 DE 345 Bowl with everted flattened rim and incised line on top of rim. Burnished. (O.381)
- 82 DEA 13 Simple bowl with possible carination. Under rim is an incised line. Ext. burnished.
- 83 DEA 351 Carinated bowl with two incised lines on upper body. Combed acute lattice decorates body ext. Severn Valley ware (Cf Webster 1976, no 38). Mid- to late 1st century. (O.310)
- 84 DEA 428 Bead-rim bowl. Pair of incised grooves upper on body. Ext. burnished, ring groove on base ext. Severn Valley ware (Cf Webster 1976, no 61). Mid-1st to late 2nd century. (O.327)
- 85 DEA 283 Bead-rim bowl. Pair of incised horizontal lines decorate upper body. Burnished ext. Severn Valley ware (Cf Webster 1976, no 61). Mid-1st to late 2nd century. (O.329)
- 86 DEA 250 Bowl with bead rim and two incised grooves on body ext. Foot moulded, with ring groove on base ext. Severn Valley ware (Cf Webster 1976, no 61). Mid-1st to late 2nd century. (O.324)
- 87 DEA 355 Base sherd of bowl with lightly burnished ext.
- 88 DEA 385 Bowl with short everted neck and burnished horizontal lines on ext. (O.400)
- 89 DIA 61 Bead rim bowl, with pair of incised grooves on

- ext. and ring-groove on base ext. Ext. well-burnished. Severn Valley ware (Cf Webster 1976, no 61). Mid-1st to late 2nd century. (O.337)
- 90 DIA 34 Bowl with beaded rim and pair of incised grooves on body ext. Ring-groove on base ext. Severn Valley ware (Cf Webster 1976, no 61). Mid-1st to late 2nd century. (O.336)
- 91 DIA 40 Large bowl; rim thickened with shallow groove beneath. Ext. well-burnished. (O.344)
- 92 DIA 59 Small bowl, with a beaded rim and burnished horizontal lines on ext. (O.333)
- 93 DR 39 Bowl, probably carinated. (O.319)
- 94 DW 40 Bowl copying Dr 38 with groove immediately beneath rim. Int. and ext. well-burnished. On flange white paint decoration. (Cf Young 1977, O.47). AD 240-400. Probably intrusive. (O.422)
- 95 DW 39 Fine bowl. Rim is of pie-dish form with incised groove on top. Int. and ext. burnished. (Exact angle of rim uncertain.) (O.415)
- 96 DZ 9 Small carinated bowl with bead rim. Ext. decorated with burnished horizontal lines. (O.320)
- Lids**
- 97 DA 85 Lid with lightly burnished ext. (O.445)
- 98 DIA 39 Lid with burnished horizontal lines on ext. (O.448)
- Base sherds**
- 99 DE 271 Base sherd with ring-groove on ext. which is covered with pinkish/buff slip.
- 100 DEA 277 Base sherd of flagon or jug with ring groove on base ext. which is covered with white slip. South-Western White Slip. Cirencester Excavation Committee fabric 88 (Richardson, pers comm).
- 101 DEA 278 Base sherd of flagon with ring groove on base ext. which is covered with white slip. South-Western White Slip. Cirencester Excavation Committee fabric 88 (Richardson, pers comm).
- 102 DEA 408 Base sherd with moulded foot and white slip int. and ext. South-Western White Slip. Cirencester

Excavation Committee fabric 88 (Richardson, pers comm).

103 DIA 82 Base sherd of flagon? with ring groove on base ext.

White wares

104 EB 66 Double-ribbed handle of flagon or jug. Similar to Mancetter fabrics (Booth, pers comm).

105 EB 45 Base-herd of jar or flagon.

Other sherds, illustrated in printed corpus only

106 CCC 34 Cooking pot with an inturned beaded rim. The rim and shoulder are burnished with horizontal lines, below which is an acute burnished lattice decoration. Malvern ware. 1st-early 2nd century. (R.70)

107 DI 56 Flanged bowl with incised groove on rim. Ext. burnished. Form reminiscent of the so-called raetian mortarium. Severn Valley ware (cf Webster 1976, no 66). 2nd century. (O.385)

Well D I 126A (phase II, later 2nd-early 3rd century?) (fig M5)

This feature was a well, widest at the mouth and narrowing at depth. It was cut through gravel to a depth of 3.65m and then through marl. The lowest level was filled with gravel which had fallen in from the sides. At 3m (approximately modern water level) lay a layer of soft grey ashy material (D I 126A), containing pottery, wood, cereal grains, and iron. This was sealed by a sterile gravel plug. The only samian is Flavian and most of the pottery, illustrated in fig M5, is consistent with a Flavian to earlier 2nd-century date. This makes it somewhat earlier than the other phase II features with which it was grouped in Part 1. It may be more appropriate to regard it as a phase I feature.

The flanged-rim bowl, no 21, may be intrusive.

Reduced wares

Jars

- | | | |
|---|--------|---|
| 1 | BA 37 | Narrow-necked jar. Everted rim with cordon on shoulder. Derived from a Belgic form. Between cordon and burnished horizontal line on body ext. is a band of diagonal burnished lines. Shoulder also burnished. (R.4) |
| 2 | BA 97 | Conical rusticated jar with straight sharply-everted rim. Groove on shoulder defines upper limit of linear rustication. AD 70-120. (R.113) |
| 3 | BC 69 | Jar with everted rim. Incised line on rim int. Rim prepared for lid-seating. Groove on shoulder. (R.237) |
| 4 | BC 52 | Jar with short everted rim. Horizontal bands cover whole body ext. with band of solid burnishing above base. Perhaps a Black-Burnished copy. (R.173) |
| 5 | BG 110 | Conical rusticated jar. Straight rim with groove on shoulder and regularly-spaced linear rustication below. AD 70-120. (R.157) |
| 6 | BG 126 | Body sherd of linear rusticated jar. Groove on shoulder with linear rustication; a leaf branches off from main ridge. Flavian. (R.163) |

Bowls

- | | | |
|---|--------|--|
| 7 | BC 172 | Carinated bowl. Inward-turning rim with cordon immediately beneath. Rim and beneath carination, burnished. (R.458) |
|---|--------|--|

Body sherd

- | | | |
|---|--------|--|
| 8 | BC 140 | Body sherd with incised comb decoration. |
|---|--------|--|

Black-Burnished ware

Jug

- | | | |
|---|--------|--|
| 9 | CB 181 | Jug spout with burnished int. and ext. Black-burnished ware. |
|---|--------|--|

Oxidized wares

Flagon

- | | | |
|----|---------|--|
| 10 | DEA 211 | Regular ring-necked flagon with pear-shaped body. Triple-ribbed handle. Orange fabric with white/cream slip on the ext.; some dribbled on to int. of rim. Late 1st-early 2nd century. (O.30) |
|----|---------|--|

Jars

- | | | |
|----|-------|--|
| 11 | DA 50 | Necked storage jar with thickened rim and high |
|----|-------|--|

- shoulder. (O.95)
- 12 DA 46 Wide-necked storage jar with burnished rim.
(O.102)
- 13 DA 34 Wide-mouthed storage jar with everted rim and high
shoulder, burnished ext. (O.93)
- 14 DE 368 Storage jar with narrow neck and everted rim.
Severn Valley ware (Cf Webster 1976, no 3).
Mid-1st to 3rd century. (O.119)
- 15 DE 177 Narrow-necked jar. Flanged rim with two grooves
on ext. Cordon at base of neck, incised groove on
shoulder. (Cf Webster 1976, no 12.) 2nd-4th
century. (O.59)
- 16 DEA 218 Narrow-necked jar with two incised grooves on rim
and large cordon at base of neck. (O.66)
- 17 DEA 202 Narrow-necked storage jar with cordon at base of
neck. Between cordon and incised groove on
shoulder is band of burnished zig-zag lines. A
lead rivet and rivet hole on shoulder, probably
for a leather handle. (O.68)
- 18 DK 23 Jar with thickened rim. (Cf Webster 1976, no 3.)
1st-3rd century. (O.217)
- Beaker**
- 19 DT 1 Large rough-cast beaker, bag-shaped with deep
groove beneath rim. A dark brown colour coat.
(C.19)
- Tankards and Bowls**
- 20 DA 40 Tankard rim fragemnt with bead rim and lightly
burnished ext. (Cf Webster 1976, nos 42-43.) Late
2nd to 3rd century.
- 21 DIA 23 Flanged-rim bowl. Cf Webster 1976, no 49, 3rd-4th
century. (O.355)
- Amphora**
- 22 AA Dressel 20 amphora with inward-curving rim.
- White wares**
- Flagons**
- 23 EB 25 Ring-necked flagon with simple bead rim and
double-ribbed handle. Ext. and visible rim int.
covered with orange slip. Similar to Mancetter
fabric. Late 1st to early 2nd century. (W.4)
- 24 ED 15 Narrow ring-necked flagon with bead rim. Late
1st to early 2nd century. (W.6)

Pit D I 246 and 246A (phase F., later 2nd-early 3rd century?) (figs M6, M7)

The pit was roughly rectangular in shape and was located in the north-east corner of the trench D I. It was filled with a soft brown soil D I 246 (similar to topsoil) containing pottery, most of which is reduced (figs M6, M7). The pit was completely sealed beneath a late 3rd-century oven and contains samian dated c AD 125-40. The coarse pottery ranges in date from the later 1st to the later 2nd century.

Reduced wares

Narrow-necked jar

- | | | |
|---|-------|--|
| 1 | BA 99 | Narrow-necked jar. Dark grey slip on ext. with burnished line on rim int. Two lines at base of neck. (R.6) |
|---|-------|--|

Storage jars

- | | | |
|---|-------|--|
| 2 | GC 5 | Storage jar with everted rim and tapering lip. Ext. burnished with burnished hatching on shoulder. (R.52) |
| 3 | GC 46 | Necked storage jar with everted rim. Rim and shoulder burnished with band of burnished hatching on shoulder. |

Conical jars, frequently rusticated

- | | | |
|---|--------|--|
| 4 | BC 171 | Conical jar with sharply everted rim. Groove on shoulder defines upper limit of area of regularly spaced linear rustication. Base moulded. AD 70-120. (R.116) |
| 5 | BC 229 | Conical jar with everted rim. Shoulder grooved, above regularly spaced long linear rustication. Base moulded, with hole punched through bottom. AD 70-120. (R.120) |
| 6 | BC 232 | Conical jar. Rim everted, with lines burnished on ext. of rim and shoulder. Groove on shoulder above regularly spaced linear rustication. Base moulded. AD 70-120. (R.121) |
| 7 | BC 192 | Conical jar with sharply everted rim. Shoulder grooved, and defines an upper area of burnished vertical lines. Form similar to rusticated jars. (R.125) |
| 8 | BC 198 | Moulded base. Int. covered with black slip, similar in form to rusticated jars. (R.140) |
| 9 | BC 204 | Jar with obliquely everted rim. Rim, neck, and shoulder burnished. Below shoulder is burnished acute lattice. Copy of Black-Burnished form. |

Hadrianic-Antonine. (R.182)

- | | | |
|-----------------------------|--------|---|
| 10 | BC 310 | Body sherd of jar. Groove on shoulder. Regularly spaced burnished vertical lines. |
| 11 | BE 83 | Conical jar. Everted rim with groove on shoulder above two rows of incised wavy lines on ext. Similar in form to rusticated jars but different in mode of decoration. (R.148) |
| 12 | BE 84 | Body sherd with incised wavy lines on ext. |
| 13 | BE 88 | Body sherd with groove defining upper area of incised wavy line decoration. |
| 14 | BE 86 | Body sherd with triple incised wavy line decoration. |
| 15 | BG 132 | Conical jar with downward lip. Groove on shoulder with linear spaced rustication beneath. AD 70-120. (R.155) |
| 16 | BG 13 | Small conical jar with regularly spaced linear rustication. AD 70-120. (R.158) |
| 17 | BG 134 | Body sherd of rusticated jar with horizontal lines burnished on ext. 1st to early 2nd century. |
| 18 | BG 109 | Base sherd of jar with hole punched through base. Int. and ext. covered by black slip. (R.288) |
| 19 | BG 46 | Base sherd of jar covered by black slip. (R.286) |
| Tankards | | |
| 20 | BA 88 | Tankard with incised groove beneath rim. Ext. well-burnished. (R.331) |
| Bowls | | |
| 21 | BE 90 | Bowl with straight sides and everted rim with lip curving over. Base flat and ext. decorated with burnished horizontal lines. Black-Burnished copy, 2nd century. (R.374) |
| Handles | | |
| 22 | BC 215 | Handle with black slip on int. and ext. (R.486) |
| 23 | BC 195 | Handle. (R.487) |
| Black-Burnished ware | | |
| Jugs | | |
| 24 | CB 202 | Jug with pinched-neck spout, single handle. |

Highly-burnished neck and shoulder with faintly burnished acute lattice on body ext. (Cf Wallace and Webster 1989, fig 1, no 2.) Mid-1st-late 2nd century. (B.1)

Jars

25 CB 208 Jar with upright, slightly curving rim and beaded lip. Rim and shoulder burnished. Incised zig-zag on neck with large incised zig-zag on body. Decoration on neck suggests 2nd century. (Cf Gillam 1976, no 3.) Mid-late 2nd century. (B.19)

Dish

26 CB 2 Dish with upright flattened rim. Burnished on int. and ext. Burnished arcading decoration on body ext. Late 2nd century or later. (B.74)

Oxidized wares

Flagons

27 DE 83 Flagon with narrow neck and grooved rim. Handle scar. Ext. badly pitted. (Cf Gillam 1970, type 17.) AD 150-250. (O.6)

28 DEA 262 Ring-necked flagon with thickened rim and white slip on int. and ext. Parallel: South-Western White Slip, Cirencester Excavation Committee fabric 88. (O.27)

29 DK 15 Flagon with cupped flanged rim, handle scar. Grey slip on ext. Cf Gloucester (Rawes 1972, no 129). Flavian. (O.36)

Jars

30 DA 1 Storage jar with everted rim and high shoulder. (O.84)

31 DA 59 Large narrow-necked storage jar. Severn Valley ware. (O.86)

32 DA 57 Base sherd of storage vessel with incised groove on base. (O.110)

33 DE 255 Small narrow-necked jar with prominent shoulder. Rim and neck burnished. (O.213)

34 DEA 256 Narrow-necked storage jar with simple everted rim and a cordon at base of neck. An incised line on shoulder. Neck burnished. Severn Valley ware (Cf Webster 1976, no 1). 1st-4th century. (O.72)

35 DEA 254 Conical rusticated jar with groove on shoulder defining upper limit of linear rustication. AD 70-120. (O.225)

Beaker

- 36 DT 1 Large rough-cast bag-shaped beaker, with deep groove beneath rim. A dark brown colour coat. AD 80-135. (C.19)

Tankards

- 37 DE 1 Tankard with incised line immediately beneath rim. A ring groove on base and double-ribbed handle. Severn Valley ware (Cf Webster 1976, no 43). Late 2nd-3rd century. (O.265)
- 38 DEA 246 Tankard with beaded rim and double-ribbed handle. Severn Valley ware (Cf Webster 1976, no 43). 2nd-3rd century. (O.273)
- 39 DEA 248 Tankard with incised groove beneath rim and a pair of incised grooves around body. Handle double-ribbed. Severn Valley ware (Cf Webster 1976, no 38). Mid- to late 1st century. (O.272)
- 40 DIA 11 Base sherd of mug/tankard with ring groove on base and handle-scar. (O.285)
- 41 DK 12 Fine small tankard/mug with incised groove beneath rim and surface a mottled red/black. (Cf Webster 1976, no 43.) 2nd-3rd century. (O.286)

Bowls

- 42 DA 77 Carinated bowl/tankard with straight sides. On body ext. two incised grooves. Ext. lightly burnished. (Cf Webster 1976, no 38, mid-late 1st century). (O.294)
- 43 DE 298 Bowl with incised groove on int. and ext. immediately beneath rim. On int. an applied cordon. Ext. burnished. (O.375)
- 44 DE 19 Large flanged-rim bowl with two pairs of incised grooves on ext. with burnished wavy line over highest pair. Severn Valley ware (Cf Webster 1976, no 50-51). Late 2nd-3rd century. (O.348)
- 45 DW 65 Flanged bowl reminiscent of Dr 38. 2nd century or later. (O.424)
- 46 DZ 30 Rim of bowl.

Body sherds

- 47 DG 3 Body sherd with vertical combed incised decoration between wide incised horizontal grooves. (O.457)
- 48 DW 42 Body sherd with white-painted circles.

White wares**Flagons**

- | | | |
|----|-------|--|
| 49 | EB 53 | Flagon with burnished ext. |
| 50 | ED 18 | Ring-necked flagon with rim inturned at tip, and double-ribbed handle. Late 1st-early 2nd century. (W.5) |
| 51 | EB 34 | Body sherd with faint incised lines on ext. |

Pit D II 29A (figs M8, M9)

This was an oblong pit in the centre of trench D II. It appears to have been recut to receive layer D II 29A, a layer of grey ashy material with much tumbled stone in the upper part. The deposit contained an assemblage of 2nd-century pottery with many decorated samian bowls and dishes. The pit was sealed beneath layer D II 29, and dated to AD 150-180. The samian bowls all date from AD 150-160 and were consistent in date with the majority of the coarse pots (figs M8, M9). There was, however, some significantly later material and it is possible that the pit had been roofed over for some time before it was finally filled (see 'Pits in trench D II' in Part 1 microfiche M1:D13).

Reduced wares**Jars**

- | | | |
|---|--------|---|
| 1 | BC 404 | Base sherd of jar with horizontal haphazard incised lines on ext. |
| 2 | BC 52 | Jar with a short everted rim and horizontal burnished bands over whole body and an area of solid burnishing above base. (R.173) |
| 3 | BC 381 | Cavetto-rimmed jar with rim and shoulder burnished. On body ext. is burnished, with an acute lattice. Between lattice and base of jar is another area of burnishing. Copy of a Black-Burnished jar. (R.188) |
| 4 | BG 147 | Base sherd of jar with a black int. and ext. |

Beakers

- | | | |
|---|-------|---|
| 5 | BA 84 | Base sherd of beaker with moulded foot; body ext. decorated by three lines of rouletting. (R.313) |
|---|-------|---|

Body sherds

- | | | |
|---|-------|---|
| 6 | EB 37 | Body sherd well-burnished with applied circles in rows. (R.340) |
| 7 | BC 19 | Body sherd of rusticated jar. |
| 8 | EE 81 | Body sherd with incised wood-grain design. |

Black-Burnished ware

Jars

- 9 CB 223 Cooking pot with acute burnished lattice and burnished rim and shoulder. (Cf Gillam 1976, no 31, mid-2nd century). (B.7)
- 10 CB 44 Cooking pot with burnished rim and shoulder, and wavy line under rim. Beneath shoulder is acute lattice. (Cf Gillam 1976, no 3, mid- to late 2nd century). (B.5)
- 11 CB 222 Miniature cooking pot or jar with well-burnished ext. and patches of oxidation. (Cf Gillam 1976, no 19). Early to mid-2nd century. (B.2)

Bowls and dishes

- 12 CB 221 Pie-dish with lip curving over, burnished int. and rim, with burnished lattice on ext. Base has burnished loop or circles decorating ext. Early to mid-2nd century. (B.60)
- 13 CB 4 Bowl with flanged rim and burnished int. and ext. (Cf Gillam 1976, no 46). Late 3rd-early 4th century. Intrusive. (B.49)
- 14 CB 43 Bowl with incipient flanged rim and chamfered base with large acute lattice on ext. and looped decoration on base. (Cf Gillam 1976, no 42). Late 2nd-early 3rd century. Probably intrusive. (B.44)
- 15 CB 220 Dish with slightly flanged rim and burnished int. and ext. with burnished acute lattice on body ext. Base ext. also decorated. Probably late 2nd. Possibly intrusive. (B.58)
- 16 CB 23 Dish with upright rounded rim and burnished int. and ext. Ext. of base decorated by burnished loop decoration. (B.67)
- 17 CB 219 Dish with upright tapering rim, two handles and burnished int. and ext. with acute burnished lattice on ext. Base ext. decorated by burnished zig-zag lines. (Cf Gillam 1976, no 86.) 2nd century. (B.70)

Oxidized wares

Flagons

- 18 DE 403 Narrow ring-necked flagon with cupped mouth. Body globular with flat ringed base and double-ribbed handle. Ext. covered with white slip. Cf

Wilderspool (Webster and Hartley 1973, no 3).
Early to mid-2nd century. (0.21)

- 19 DE 317 Base and body of globular flagon with ring-groove on base ext. Ext. covered in white/cream slip.
- 20 DE 83 Flagon with narrow neck and grooved rim and handle scar; ext. badly pitted.
- 21 DE 243 Very hard, micaceous, grooved rim flagon with three-ribbed handle. Ext. and rim covered with cream slip. (0.2)
- 22 DE 319 Flagon with grooved rim and triple-ribbed handle. Ext. covered with cream slip. AD 150-250. (0.9)
- 23 DE 320 Flagon with cupped mouth and narrow neck. Body globular with flat base with ringed groove on ext. Handle triple-ribbed and vessel ext. covered with cream white slip. 2nd century. (0.17)
- 24 DE 358 Flagon with cupped mouth and moulded neck. At base of neck an incised groove. Handle is double-ribbed. Ext. covered with pink/white slip. 2nd century. (0.16)
- 25 DE 247 Flagon with collared rim and two grooves on it. (0.3)
- 26 DEA 240 Two-handled pitcher. Handles are double-ribbed. Severn Valley ware. (0.46)
- 27 DEA 145 Ring-necked flagon with thickened rim. Int. and ext. covered with thin white slip. Parallel: South-Western White Slip, Cirencester Excavation Committee fabric 88. (0.26)

Jars

- 28 DA 32 Necked storage jar with high shoulder. (0.88)
- 29 DA 3 Necked storage jar.
- 30 DA 10 Wide-mouthed jar with cordon at base of neck and two incised grooves on widest part of girth. Cf Gloucester (Webster 1976, no 19). 1st to 2nd century. (0.98)
- 31 DE 330 Wide-mouthed jar. Severn Valley ware (Cf Webster 1976, no 22). 2nd to 3rd century. (0.130)
- 32 DEA 331 Narrow-necked storage jar with burnished line on neck. Severn Valley ware (Cf Webster 1976, no 2). Late 1st to mid-2nd century. (0.63)

- 33 DE 29 Small jar with curved neck and prominent shoulder. Incised groove on shoulder. (O.205)
- 34 FA 6 Jar with cornice rim and incised groove above area of rough-cast decoration. (O.221)
- 35 FA 3 Jar with cornice rim and incised groove on shoulder, above area of rough-cast decoration. (O.223)
- Beakers**
- 36 DE 325 Beaker with long curved neck and horizontal burnished lines. (O.237)
- 37 DEA 333 Beaker with sloping neck and everted rim in fabric DEA. Ext. burnished. Hole drilled near rim, possibly for rivetting. (O.239)
- Tankards**
- 38 DA 89 Base sherd of large tankard. Two incised grooves form a cordon on body ext. Incised groove above foot. Base raised. Severn Valley ware (Cf Webster 1976, no 38). Mid-late 1st century. (O.261)
- 39 DEA 246 Tankard with bead rim. Double-ribbed handle. Severn Valley ware (Cf Webster 1976, no 43). 2nd-3rd century. (O.273)
- Bowls**
- 40 DW 45 Base sherd of bowl with ring-groove on base ext. (O.425)
- Lid**
- 41 CH 59 Fine lid with well-burnished int. and ext. (O.444)
- Body sherd**
- 42 DE 425 Very fine body sherd with two cordons and burnished hatching on ext. (O.304)
- Amphora**
- 43 Dressel 20 amphora with titulus pictus
- Other shards, illustrated in printed corpus only**
- 44 BC 381 Narrow-necked jar with collared rim. (R.11)
- 45 CB 224 Black-burnished shallow lipless dish with beaded rim and chamfered base with no decoration. (Cf Gillam 1976, no 72.) Early 3rd century. (B.62)
- 46 DEA 320 Bowl with incised groove beneath rim. (O.325)

- 47 DA 73 Lid? with traces of cream slip. (O.446)
- 48 EB 33 Very fine base sherd of flagon with ring groove on base. (W.11)

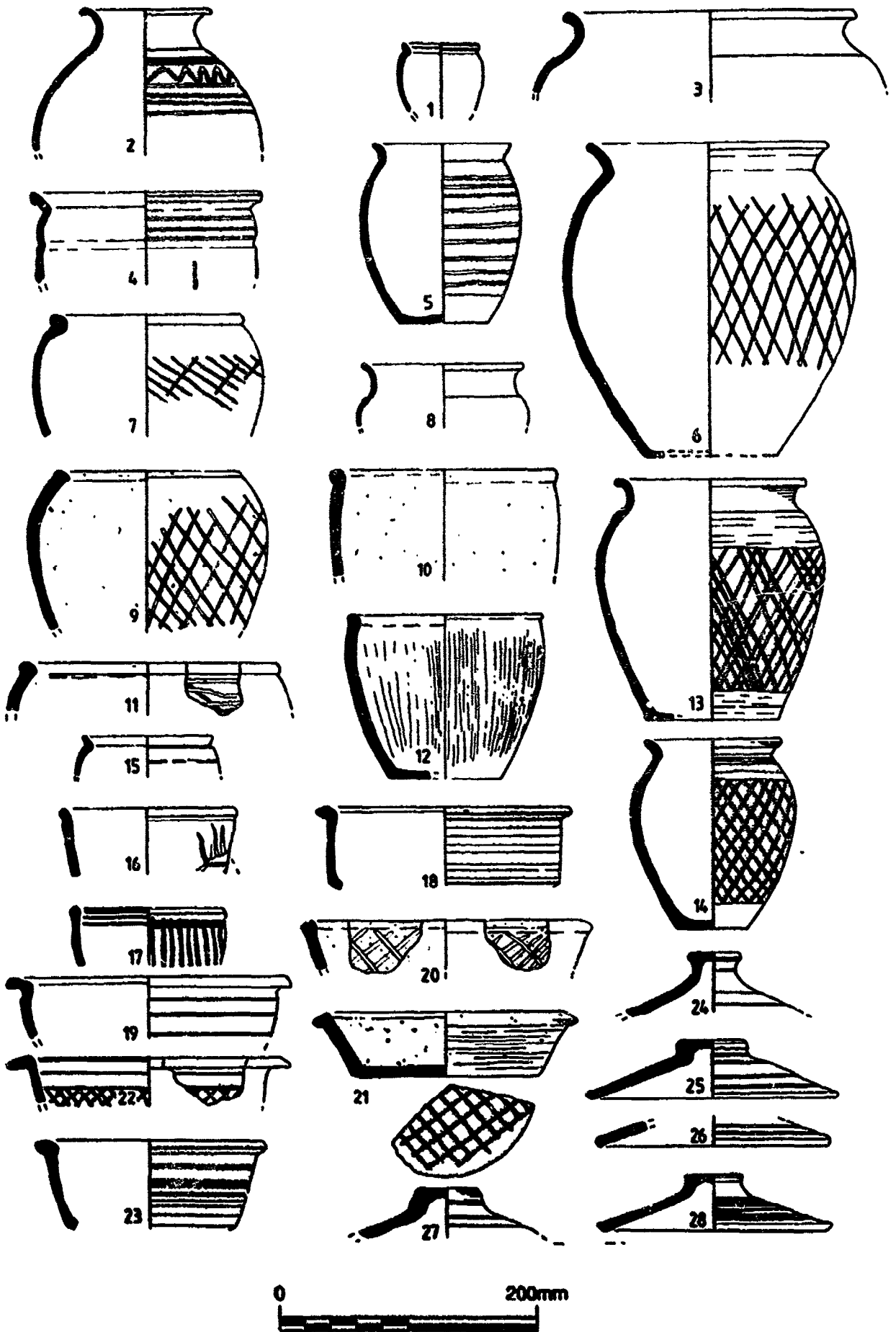


Figure M1 Pit group B I 3. Roman coarse pottery nos 1-28

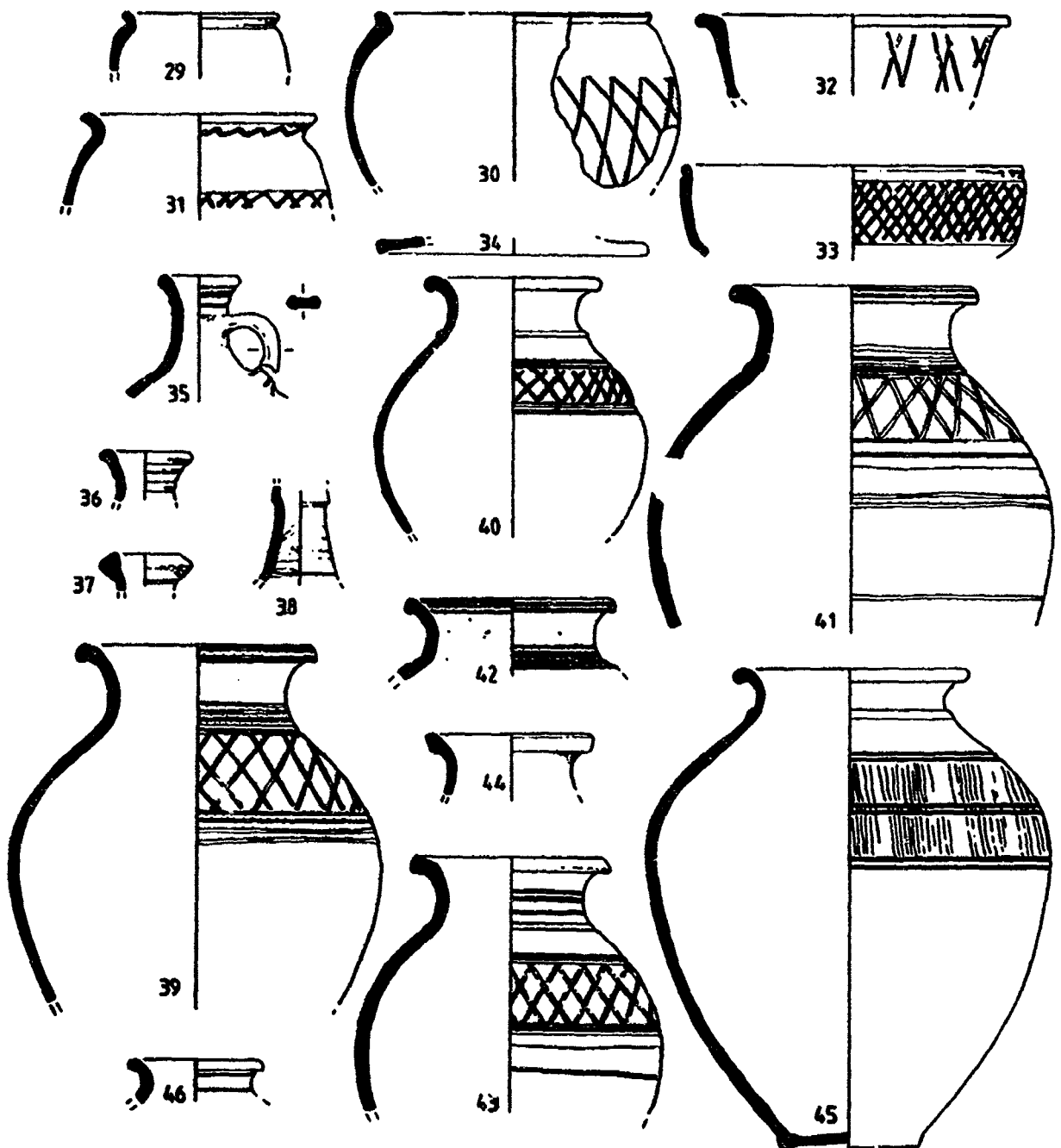


Figure M2 Pit group B I 3. Roman coarse pottery nos 29-46

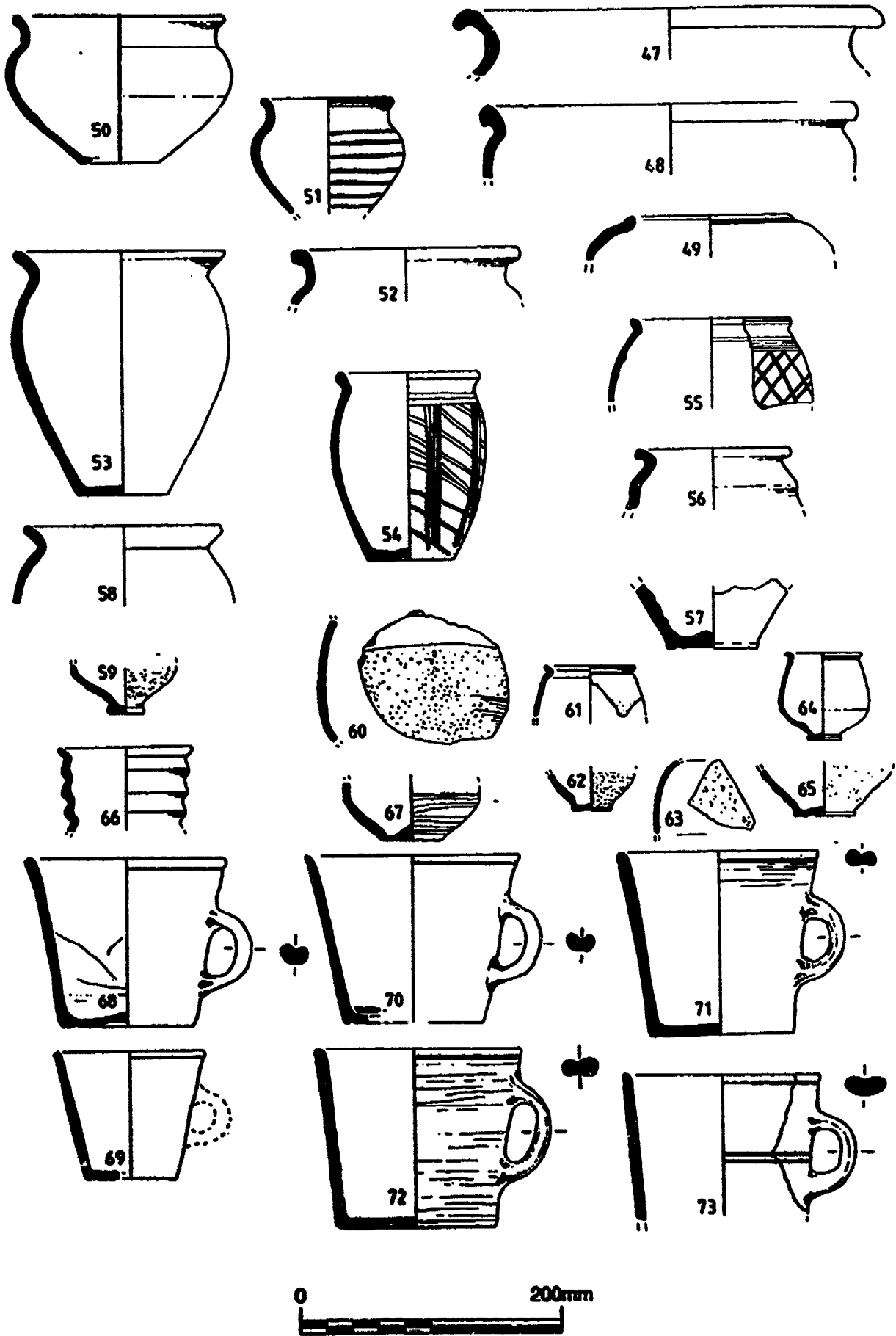


Figure M3 Pit group B I 3, Roman coarse pottery nos 47-73

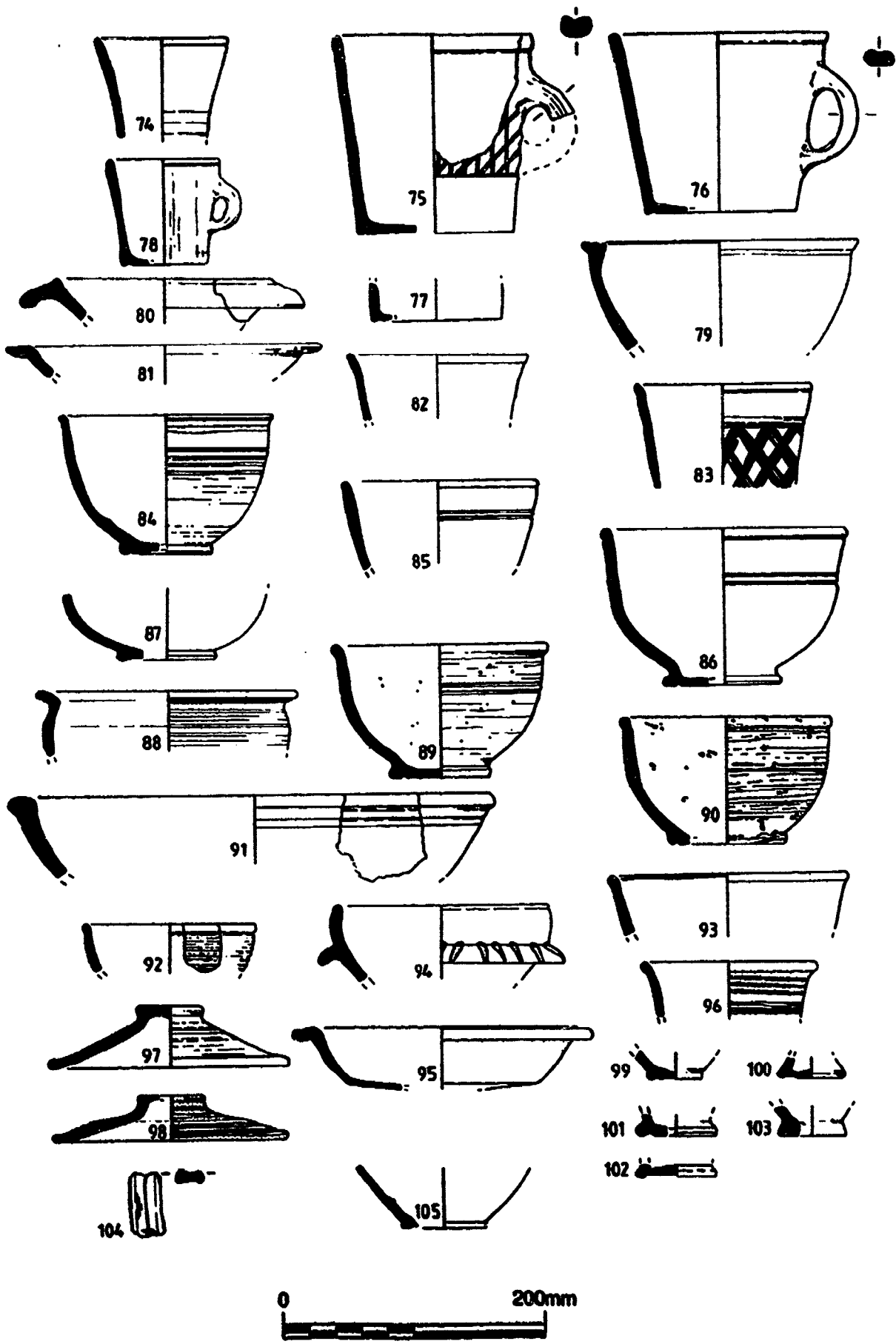


Figure M4 Pit group B I 3, Roman coarse pottery nos 74-105

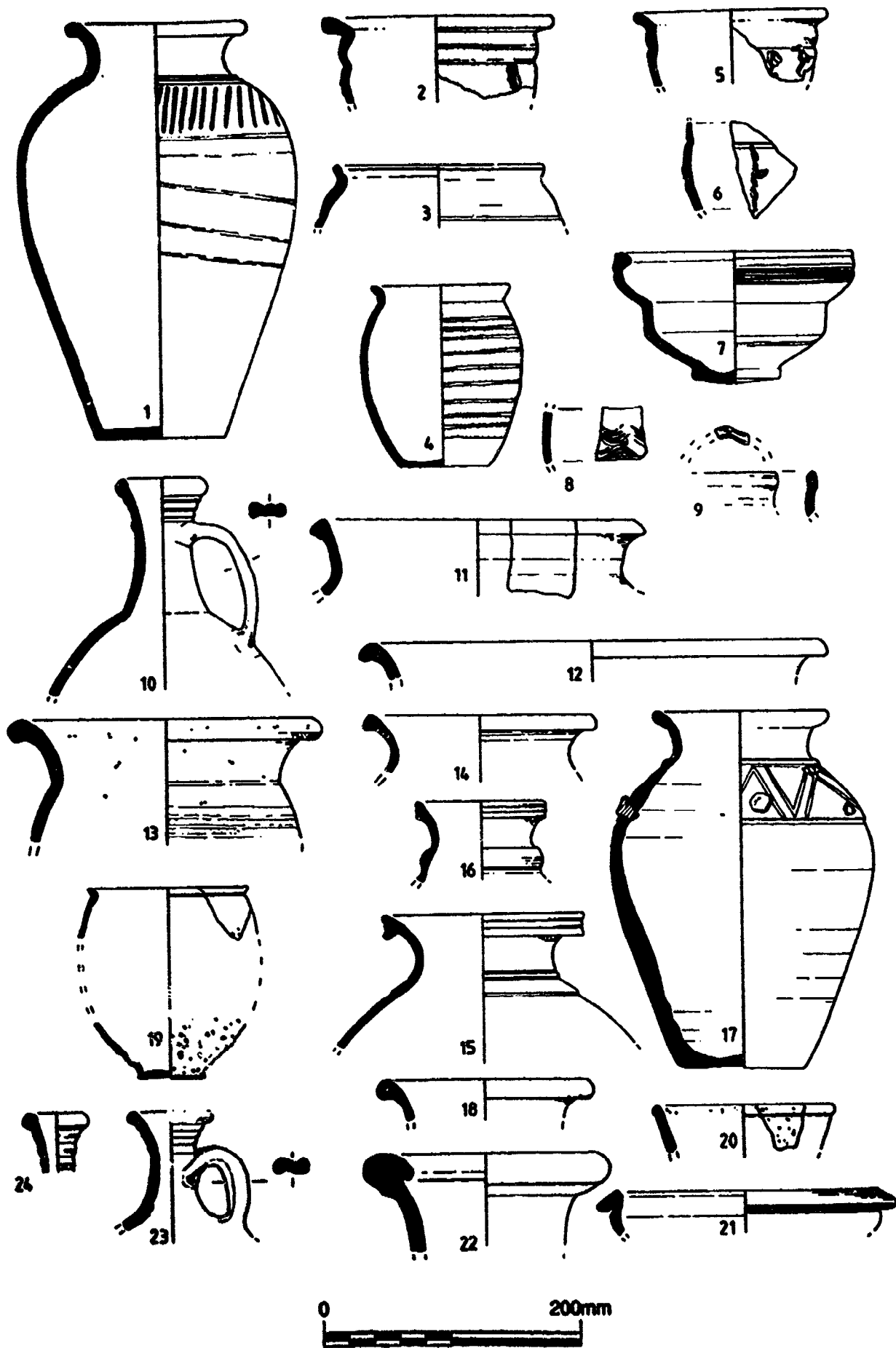


Figure M5 Pit group D I 126A, Roman coarse pottery nos 1-24

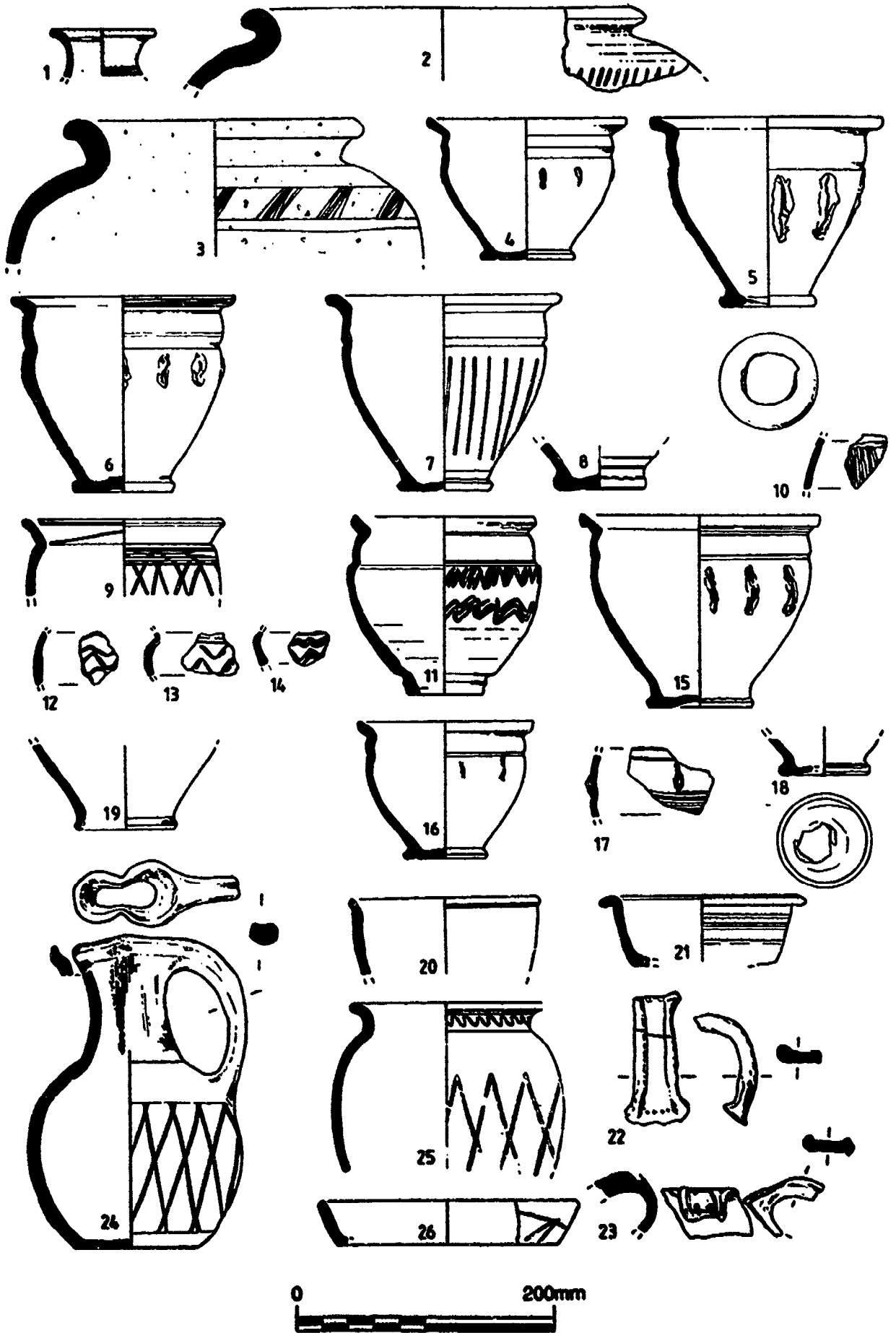


Figure M6 Pit group D I 246/246A, Roman coarse pottery nos 1-26

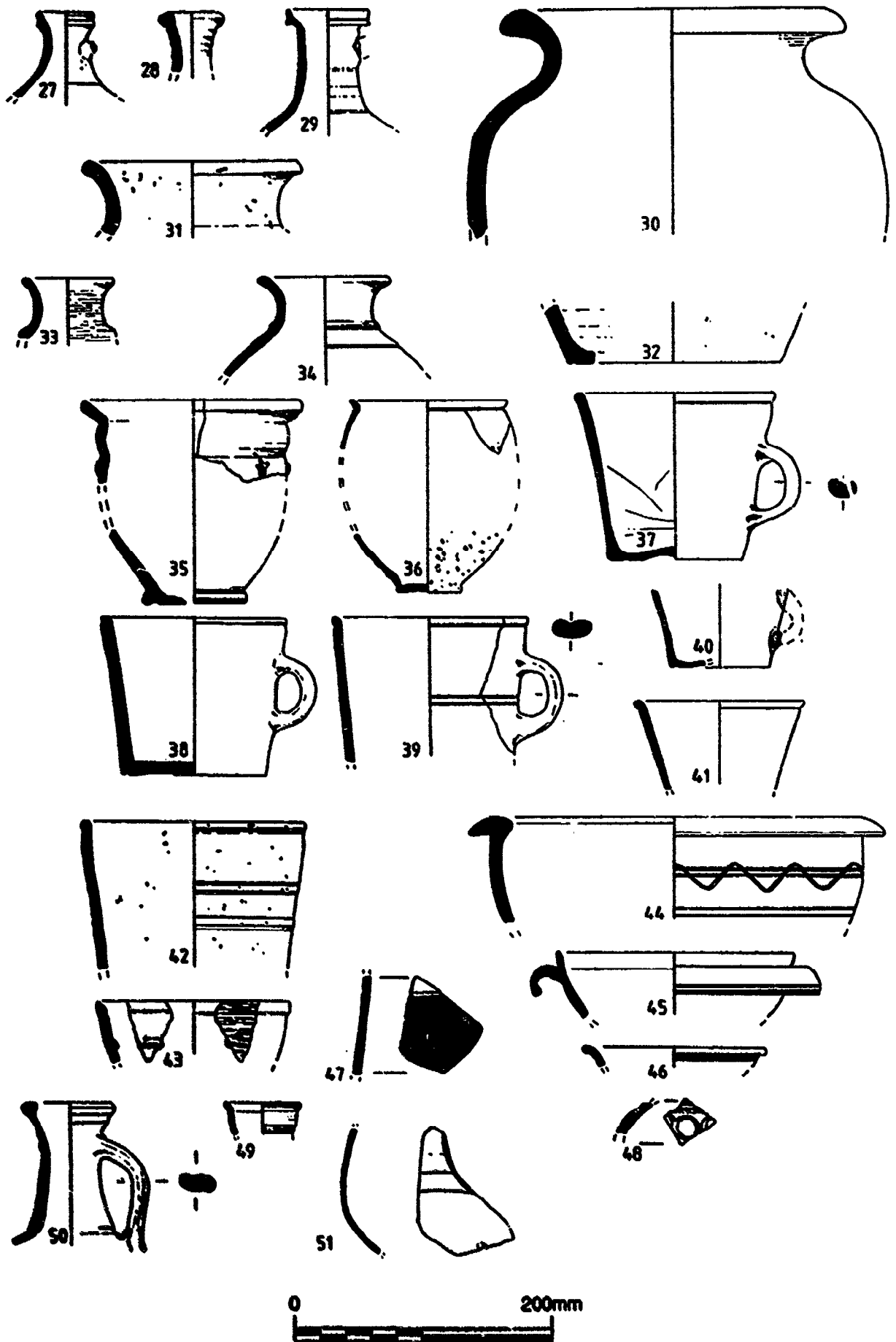


Figure N7 Pit group D I 246/246A. Roman coarse pottery nos 27-51



Figure M8 Pit group D II 29A. Roman coarse pottery nos 1-17

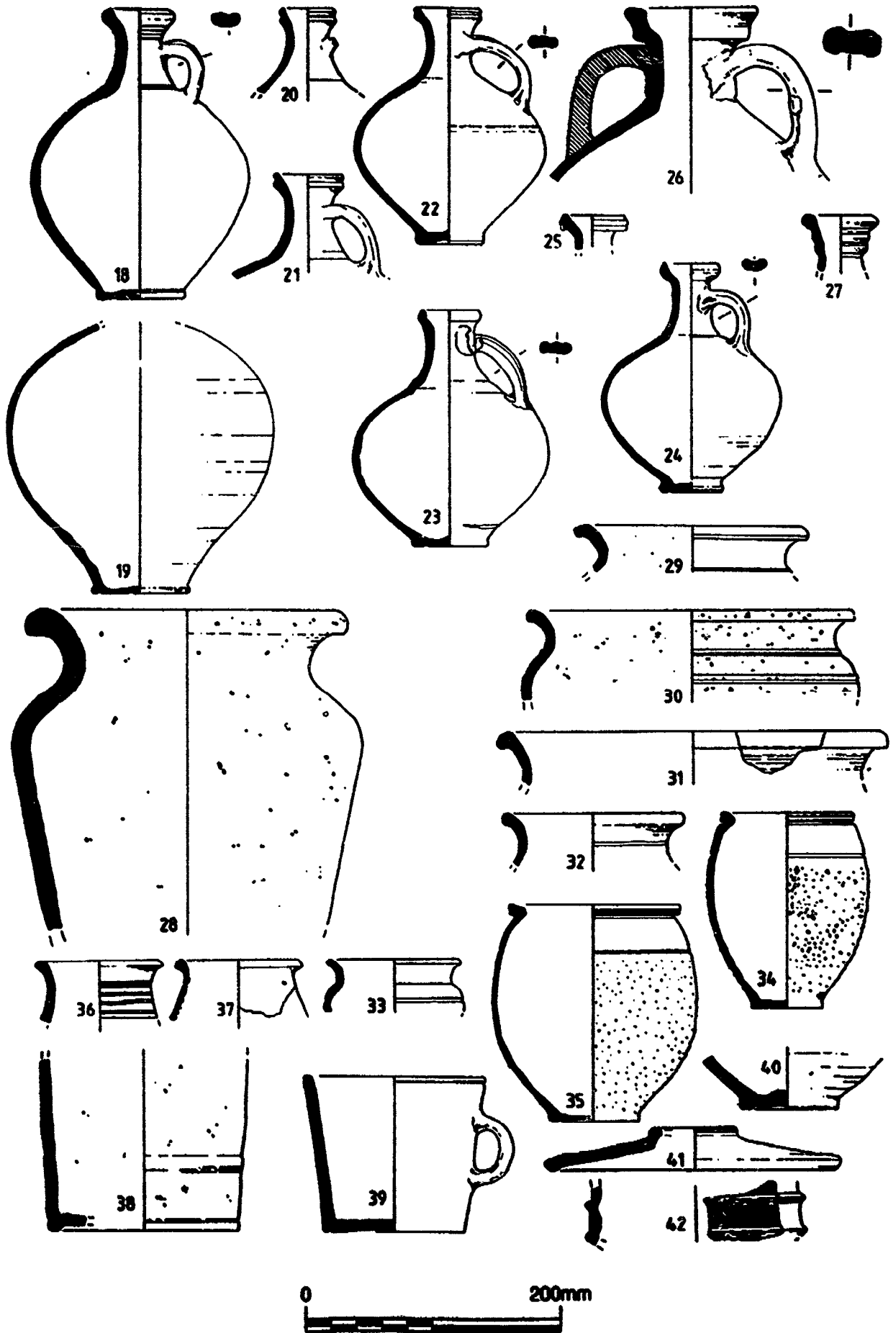


Figure M9 Pit group D II 29A, Roman coarse pottery nos 18-42

Mortaria

Paul Booth

Table M2 Mortarium fabric by site (quantification by number of sherds)

Fabric	A	AA	B	C	D	E	F	G	H	J	K	L	M	U/S	TOTAL
M12	1	3	1		4	6	1	10	1						27
M21	1	3	1	2	6			1	2			2		1	19
M22	23	23	15	9	97	13	1	14	2	3		2	2	1	205
M23	28	18	7	15	40	5	5	13	2		2	4	4	1	144
M25					1		1				1				4
M26	3	6	22		20	1		4	3						58
M34		5													5
M41				3		4									7
M43	1	1		4	2						2				10
M44					23				1						24
M45				1				2	2	2					7
M46					1										1
M49					7										7
M51					19										19
M52			1		1										2
M53								1							1
M71	3	3	1	1	4		2	6	1		2	1	1		25
TOTAL	99	62	48	35	225	29	10	51	14	5	7	9	7	4	565
	10.4	11.0	8.5	6.2	39.8	5.1	1.8	9.0	2.5	0.9	1.2	1.6	1.2	0.7	

M2:C4

Table 23 Mortarium fabric by site (quantification by weight (g))

Fab	A	AA	B	C	D	E	F	G	H	J	K	L	N	U/S	TOTAL
M12	51	107	65		441	970	180	804	78						2896
M21	18	201	97	612	601			427	91			73		82	2204
M22	1501	1555	1564	1048	5379	821	59	976	891	323		87	34	125	14363
M23	1360	728	363	1159	2902	67	408	862	120		66	445	371	159	9010
M25					40		60				67			116	283
M26	116	540	909		1791	41		171	239						3807
M34		691													691
M41				189		235									424
M43	58	3		98	45						59				263
M44					1905				30						1935
M45				132				81	193	143					549
M46					153										153
M49					2042										2042
M51					2691										2691
M52			43		508										551
M53								342							342
M71	33	77	17	5	51		35	125	11		16	14	7		391
TOTAL	3137	4104	3058	3243	18551	2134	742	3788	1653	466	208	619	412	492	42597
g	7.4	9.6	7.2	7.6	43.6	5.0	1.7	8.9	3.9	1.1	0.5	1.5	1.0	1.1	

M2:C5

Table 88 Mortarium fabric by site (quantification by number of vessels)

Fab	A	AA	B	C	D	E	F	G	H	J	K	L	M	U/S	TOTAL
M12	1	3	1		3	1	1	3	1						14
M21		2		2	2			1	1			2		1	11
M22	10	8	5	4	21	4	1	6	1	1		2		1	64
M23	10	8	1	8	11	1	3	6				4	3	1	56
M25					1		1							1	3
M26		1	3		3				2						9
M34		1													1
M41				1		2									3
M43	1			2	2						1				6
M44					6										6
M45								1	2	1					4
M46					1										1
M49					1										1
M51					4										4
M52			1		1										2
M53								1							1
M71		1					1								2
TOTAL	22	24	11	17	56	8	7	18	7	2	1	8	3	4	188

Table 88 Mortarium fabric by site (quantification by SVES)

Fab	A	AA	B	C	D	E	F	G	H	J	K	L	M	U/S	TOTAL
M12		3	23			30	34	8	40	5					143 6.28
M21			12		32	42			16	13			12	12	139 6.08
M22		96	99	75	45	285	32	1	64	44	30		17	13	801 34.88
M23		7	67	1	86	154	6	36	61				29	27 13	577 25.28
M25						8		4						15	27 1.28
M26			4	58		80				14					156 6.88
M34			30												30 1.38
M41					9		20								29 1.38
M43		7			17	5							8		37 1.68
M44						84									84 3.78
M45									7	11	3				21 0.98
M46						1									1 .
M49						100									100 4.38
M51						84									84 3.78
M52				2		42									44 1.98
M53									15						15 0.78
M71			6					7							13 0.68
TOTAL		203	241	136	189	915	92	56	203	87	33	8	58	27 53	2301
1		0.8	10.5	5.9	8.2	39.8	4.0	2.4	8.8	3.8	1.4	0.3	2.5	1.2 2.3	

Petrography of selected samples of Severn Valley ware

Roberta Tomber

[xxxxx] Material from Alcester was examined as part of a general survey, completed in 1980, of what is frequently termed 'Severn Valley' ware. The aims of this research were to characterize, petrographically, the different known sources of Severn Valley ware and, using these results, allocate material from occupation sites to known kiln centres.

Microscopic examination of this ware shows it to contain common sedimentary rocks which cannot be closely sourced and, primarily, quartz grains, an undiagnostic mineral which occurs in all types of deposits throughout the United Kingdom. Even in cases where diagnostic inclusions can be identified in the pottery, such as those kilns from the Malvern area, only c 40% of thin section slides contain these characteristic traits. Therefore, the pottery may be sourced by the presence of certain temper but cannot be excluded from a particular source by its absence.

Given this, and the abundance of quartz inclusions in Severn Valley ware, an alternative technique of characterization was necessary and textural analysis was employed. This method has been successfully used to discriminate between different sandy wares (eg Peacock 1971) as it allows quartz size to be described in an objective manner. The method employed is similar to that described by Streeten (1979) whereby the results of measuring grains of quartz are graphically displayed as a size/frequency ratio. In this way the individual kilns were compared and characterized and the results verified by using simple statistical tests.

Heavy mineral analysis provides another technique by which to characterize quartz-tempered wares and a small programme of this was also carried out on kiln samples. Methodology followed that described by Williams (1979). Unfortunately, the results were not highly successful and are not described here.

Since it was possible to distinguish the kiln groups using size analysis, selected sherds from occupation sites were then subjected to this technique with the aim of determining from which kiln they originated. However, the results from this stage of analysis, based on both statistical tests and typological considerations, showed that this could not be achieved. This failure is due to the paucity of kiln information at this

time, and the technological similarities between kilns. As it was not possible to allocate occupation samples to specific kiln sites not all sherds were subjected to size analysis.

One further method was used to analyse material from occupation sites; the Kolmogorov-Smirnov test (Blalock 1972) was used to compare the results of textural analysis from two sherds to determine whether there was a statistically significant difference in terms of quartz size and sorting between two samples. In cases where a significant result is obtained it might be suggested that two different sources are represented. At the same time it must be remembered that failure to achieve a significant result does not mean that only a single kiln is represented by the two sherds. Five samples from Alcester were examined in thin section under the petrological microscope and the results are described below. Of these, all except sample 4 were subjected to textural analysis.

Sample 1

This tankard rim has an optically anisotropic clay matrix which is moderately micaceous and contains abundant sub-angular quartz. These quartz grains fall into the following size groups:

Small	0.05mm or less	60%
Medium	0.06-0.10mm	32%
Large	0.11mm or greater	8%

(Mean grain size = 0.0665mm)

Both muscovite and biotite mica are present, up to 0.10mm, with the former predominating. Moderate amounts of iron are also contained in the matrix.

Other mineral temper includes sparse inclusions of plagioclase (to 0.15mm) and orthoclase (to 0.08mm) feldspar. Rare fragments of siltstone, to 0.14mm, and possibly sandstone, are also present. Quartzite, sub-angular or rounded in shape, is the most common rock inclusion and measures from 0.07-0.12mm.

Sample 2

This section shows abundant sub-angular and, less commonly, angular quartz grains set in a moderately micaceous, optically anisotropic clay matrix. Quartz may be divided into the following categories:

Small	0.05mm or less	53%
Medium	0.06-0.10mm	27%
Large	0.11mm or greater	20%

(Mean grain size = 0.077mm)

As in sample 1, both muscovite and biotite mica are present (to \leq 0.15mm) with a greater amount of muscovite being seen in section. Iron occurs in sparse to moderate quantities.

Three types of feldspar can be identified; of these, a single grain of microcline, 0.18mm, is present. Plagioclase and orthoclase occur somewhat more frequently and measure up to 0.10mm. Rock fragments include quartzite, siltstone, and sandstone. Siltstone is sparse and a single example, measuring 0.15mm, is noted. Quartzite and sandstone are both moderately common. The former is normally sub-angular in shape and occasional examples are as large as 0.50mm. Sub-angular examples of fine-grained sandstone measure between 0.21mm and 2.3mm, with most being less than 0.50mm. Examples of both feldspathic and metamorphosed sandstone are included amongst this group.

Sample 3

This tankard has a moderately micaceous clay matrix which is optically anisotropic and contains abundant sub-angular or, occasionally, angular quartz grains of the following sizes:

Small	0.05mm or less	76%
Medium	0.06-0.10	23%
Large	0.11mm or greater	1%

(Mean grain size = 0.0514mm)

Muscovite mica, to $\leq 0.10\text{mm}$, can be identified. Iron is sparse and occasional clay pellets, to 0.24mm , may be seen in this section. Plagioclase feldspar (to 0.06mm), siltstone (0.12mm), and fine-grained sandstone (0.20mm) are infrequent inclusions. Characteristic of this sherd are abundant sub-angular and rounded limestone measuring from $0.05\text{-}0.40\text{mm}$.

Sample 4

Sample 4 has an optically anisotropic clay matrix which contains moderate quantities of sub-angular and angular quartz inclusions. The majority of quartz grains are less than 0.05mm but isolated examples as large as 0.15mm can be noted. Moderately micaceous, muscovite mica to $\leq 0.10\text{mm}$ is seen in the clay matrix. Sparse amounts of iron are also present. Abundant quantities of sub-angular and rounded limestone, measuring from $0.02\text{-}0.45\text{mm}$, are the diagnostic feature of this fabric.

Sample 5

Sample 5, a carinated bowl sherd, contains abundant sub-angular quartz set in a moderately micaceous, optically anisotropic clay matrix. Quartz grains fall into the following groups:

Small	0.05mm or less	59%
Medium	$0.06\text{-}0.10\text{mm}$	22%
Large	0.11mm or greater	19%

(Mean grain size = 0.0889)

Although both muscovite and biotite mica are present, muscovite, measuring to $\leq 0.10\text{mm}$, is abundant. Sparse amounts of iron are also present. Small quantities of plagioclase and orthoclase feldspar, to 0.30mm , are identified in thin section.

Rock temper includes quartzite, siltstone, and fine-grained sandstone. Of these, quartzite is the most common. Sub-angular in shape, it falls between $0.07\text{-}0.40\text{mm}$ with no one size being most frequently represented. Siltstone is less common, but measures from $0.17\text{-}0.52\text{mm}$; some examples are micaceous. Finally, sandstone (to 0.30mm) occurs with a single fragment being metamorphosed.

Capacity of Severn Valley tankards

[xxxxx] Ten complete tankards were studied. The data is in tables M6-M7.

Table M6 Tankards and their capacities

Illustration no.	Type series no.	Radius of vessel (mm)	Capacity in litres	Capacity in libra (Roman pound)	Capacity in sextarius (Roman pint)
0.265	DE 1	76.0	1.19	3.64	2.18
0.266	DE 288	82.0	1.36	4.07	2.44
0.270	DEA 246	72.0	1.28	3.90	2.34
0.274	DEA 143	83.0	1.42	4.30	2.60
0.277	DEA 354	80.0	1.59	4.85	2.91
0.278	DEA 402	77.0	1.48	4.50	2.70
0.282	DIA 21	82.0	1.62	4.94	2.90
0.284	DIA 31	75.0	1.51	4.59	2.75
Smaller tankards					
0.269	DE 344	55.0	0.62	1.90	1.14
0.281	DEA 131	63.0	0.64	1.94	1.16
0.289	DZ 34	42.5	0.28	0.86	0.52

Table M7 Correlation of rim radius and volume

Larger tankards	Rim (mm)	Capacity in Sextarius
Average	78.370	2.6025
Standard deviation	3.705	0.2470
No of values	8	8
Correlation = 0.427		
Smaller tankards		
Standard deviation	8.436	0.2971
Average	53.500	0.9400
No of values	3	3
Correlation = 0.932		

Pottery and ceramic small finds

Rowan Ferguson

with contributions by Don Bailey and Jeremy Evans

[xxxxx] The first part of this section repeats the printed text for the sake of completeness.

Pottery objects (fig 68)

- 1 Tubular hand-made object in Roman grey ware. 119mm long x 25mm dia. Oval section. Possibly a handle (P36, C I 24A, unphased).
- 2 Zoomorphic object. Severn Valley ware.
Dog/pig. Stumps of legs remain on one side with scars only on the other. It is possible that this was originally part of a pot. There are examples of Severn Valley ware hemispherical bowls with laterally placed tubular handles (Webster notes them from Gloucester and Malvern kiln II, Webster, P V 1976). The curvature of the animal's body would make it suitable for this purpose although no parallels with zoomorphic handles have been found. However the scars are very worn suggesting re-use as a toy, figurine, or amulet (P23, C II 111, unphased).

Both of these objects were found within a 15m radius in Area C.

- 3 Ceramic lamp in parchment ware with orange-brown slip (P66, E II 46, phase V, late 2nd century?). Mr D Bailey kindly writes:
Top of a Firralande of Loeschcke (1919) type IXa, with shallow nozzle-groove interrupted by an air-hole. Loeschcke's shoulder-form IXa, with two unpierced lugs. On the discus, a dramatic mask of a youth, with high onkos (compare that on Webster, 1969, pl IVd). Buff white clay, with orange-brown slip. Made in Gaul (probably north-western Gaul) in late Flavian or Trajanic times.

Repaired sherds

Some 44 samian sherds were found with rivet holes or surviving rivets, probably from around 36 vessels; and four coarseware sherds from four vessels had also been repaired. Nine sherds from six samian vessels still had attached lead rivets, as did the Dressel 20 amphora bodysherd and the bodysherd of a hand-made storage jar in Malvernian Metamorphic fabric. The three other coarseware sherds with rivet holes were also from storage jars, one a hand-made Severn Valley ware vessel (fabric DA) and the other two on hand-made jar bodysherds (in fabric GC).

The rivet holes on the coarseware sherds were all of the drilled circular type as is usual for circular rod-like rivets attached by lead strips on both surfaces. Those on samian vessels were both of this type (20 sherds) and of the less visually obtrusive X type (21 sherds). Presumably the latter type were generally restricted to samian vessels as they looked better but were probably much weaker. There is no evidence for any riveting in iron, unlike the 19th- and 20th-century practice. The massive preponderance of riveting on samian is usual.

The riveting of three storage jars is of slight note, in that they are a less common type of vessel to be riveted. In comparison with the size of the assemblage the rate of riveting is not high, and some riveted sherds may well have been discarded.

The distribution of riveted sherds by site area shows little sign of spatial patterning. For a full list of the contexts and types of riveted sherds see below.

Re-used sherds

Discs and counters (see table 9)

There were 22 of these in all. A 'counter' is considered less than 50mm in diameter. Using this criterion there were 16 'counters' and 6 'discs'. A range of fabrics was utilized: samian, Severn Valley ware, Black-Burnished ware, grey wares, and the Malvernian fabric. Samian and Black-Burnished ware were only used for counters. All of the sherds had been quite roughly shaped except for the Black-Burnished ware counter P 11 which had been very neatly sanded down. Where a decorated vessel had been re-used (as in four

cases) there had been little attempt to centre the decoration on the finished counter. The most effective was the samian counter P 6, AA III 1, which had a ?peacock? on it. The Severn Valley ware disc, P 69, D II 15, was made from a small pedestal base. This may well have been used as a palette as the interior of the base was slightly dished.

There was also a fragment from the base of an 18R, 18/31R or 31R, (CG), from which the footing had been cut, presumably to act as a stopper or pot lid, the omphalos base being especially suitable for this. (Context A II 78.)

Pierced sherds

Most of the sherds in this category are discussed below under 'Evidence for textile manufacture'. There remains one pierced sherd which had been worked into a square and would therefore have been unsuitable as a spindle whorl. This is P 54, D I 176, a grey ware fragment about 35mm across from a carinated vessel with very neatly finished edges.

Evidence for textile manufacture

Fragments from nine baked clay loomweights have been identified. The fabric is of clay with some coarse sand and gravel and a certain amount of vegetable tempering. This type of triangular weight was commonly found in Roman Britain (Liversidge 1968). The most complete example, BC 148, from G IV 10A, phase VI, is illustrated in fig 69, no 1.

The spindle whorls had all been neatly trimmed and smoothed into circular or sub-circular shapes. Five examples were found, of which two were in grey wares; one Black-Burnished ware and one Severn Valley ware whorls were re-used bases and there was also a decorated turned limestone whorl. One example, P 49, F I 5, showed signs of use as the central hole was worn.

The small numbers found and the way in which these finds were scattered over the whole southern part of the town would suggest a low level of spinning on a domestic scale.

Ceramic disc

A fragment from the circumference of a flat ceramic disc, handmade, with a well-shaped and finished edge in a pale orange-brown fabric with some shell inclusions \leq 2-10mm (fig 69, no 2, BC 158, G I 23, unphased). The function of these plates is unclear; other examples are known from Warwickshire at Tiddington and Wasperton (Booth pers comm) and from Farmoor, Oxon (Sanders 1979, fig 28, nos 124-127).

Burnt clay block

A fragmentary block of burnt clay with large white rounded quartzite inclusions up to 10mm (fig 69, no 3, BC 140, D I 222, unphased). It is not a loom weight. It has a flat base, upon which it rests well and a curved front and concave back face which is more irregularly surfaced with finger-tip marks. The right side curves outwards by at least 20mm. Surviving height: 135mm, surviving width: 115mm, thickness: 65mm

Catalogue of riveted sherds

Context	Date/phase	Sherd type	Rivet hole type
A IX 1	unphased	samian, Dr 37 rim	circular, hour-glass profile
A XIV 16	unphased	samian, Dr 30R	circular, small fine hole
A XVI 2	unphased	samian, Dr 18R base x type	
AA I 36	later 3rd century, phase III	samian, decorated bodysherd	circular, with lead rivet
AA I 40	later 3rd century on, phase IV	samian, plain bodysherd	circular, with lead rivet
AA II 13	3rd century, phase III	samian, decorated burnt bodysherd	cut slot, probably not x type
AA II 13A	unphased	samian, decorated bodysherd	x type or cut slot
AA II 25	unphased	samian, decorated bodysherd	x type with lead rivet
AA III 8	late 3rd-early 4th century, phase VI	samian, Dr 31 rim	x type

AA III 10	late 3rd-early 4th century, phase VI	samian, Dr 31 rim	x type
AA IIIA 7	unphased	samian, Dr 18R rim	x type
B I U/S	unphased	samian, decorated bodysherd	circular
B I 3	Antonine-3rd century, phase II	samian, Dr 18R/31R or 31R bodysherd	circular
B I 15	Antonine-3rd, phase II	samian, decorated	x type
B IA 10	unphased	samian, plain bodysherd	cut slot or x type
B IA 13	mid- to late 4th century, phase IV	samian, plain bodysherd	circular with hour-glass profile
B VIII U/S	unphased	samian, Dr 31? rim	x type
C I 17	unphased	samian, Dr 37? rim	x type
C I 53	unphased	samian, Dr 31 rim	slot or x type
C I 5	unphased	samian, Dr 37 rim	x type
C II 120	unphased	samian, Dr 18R, 18/31R or 31R base	x type
C III 1	unphased	samian, two joining base sherds	x type
C VI 37	early to mid-4th century, phase VII	samian, Dr 33 bodysherd	circular
C VI 46A	later 3rd century on, phase IV	samian, decorated	circular with lead rivet
C VI 60	later 3rd century on, phase IV	samian, decorated, Dr 37 rim and bodysherd	5 circular holes of hour-glass profile
C VI 99	later 3rd century on, phase IV	samian, decorated, Dr 37 bodysherd	circular, hour-glass profile
C XXIX 1	unphased	samian, Dr 18/31 or 31 rim	x type
D I 2A	late 4th century, phase VIII	samian, bodysherd	x type
D I 88	early to mid-4th	Malvernian	circular with lead rivet

century, phase V Metamorphic fabric
bodysherd

N2:D4

Context	Date/phase	Sherd type	Rivet hole type
D II 2	late 4th century, phase IX	samian, rim Dr 46? profile	circular, hour-glass
D II 23	unphased	samian, rim Dr 37	x type
D II 83	late 4th century, phase IX	fabric GC, storage	circular
E III 1	unphased	samian, plain bodysherd	circular
F I 162	After AD 353, phase XIII	samian, plain bodysherd	x type with lead rivet
G I 4	unphased	samian, decorated bodysherd	circular with lead rivet
G I 56	later 4th century, phase V	samian, plain bodysherd	x type with lead rivet
G I 105	early to mid-4th century, phase IV	samian, plain bodysherd	circular
G IA 60	later 4th century, phase V	Dressel 20 bodysherd	circular
G II 2	unphased	samian, Dr 18R? dish rim	very small circular hole
G II 12	later 4th century, phase V	samian, footring base	circular
H II 49D	Antonine-3rd century, phase II	samian, Dr 18? rim, 3 joining sherds	3 circular holes, with lead rivets
M I U/S	unphased	samian bodysherd, burnt	cut rectangular slot - not x type
M III 3	Roman/post Roman, phase IV	samian, bodysherd	x type

Catalogue of counters

P 6	Gaming piece	AA III 1, unphased	Samian piece trimmed with ?bird 20mm Flat
P 7	Counter	AA I 18, late 3rd- early 4th century, phase VII	Samian: plain 14mm x 14mm Flat
P 8	Counter	AA I 12, unphased	Samian: plain 12mm x 12mm Curved
P 11	Counter	AA I 30, late 3rd- early 4th century, phase VI	Black-Burnished ware 1, mid-4th century, very neat, 15mm x 15mm Curved
P 15	Counter	C III 1, unphased	Samian very rough 42mm x 41mm Curved
P 19	Counter	C I 26, unphased	?SV rough 37mm x 35mm Curved
P 21	Counter	B IA 9, unphased	Grey ware, off centre burnished cross, rough 20mm x 17mm
P 42	Counter	E IV 6, after AD353, phase XIII	SV rough - 4th century + later 20mm x 17mm
P 50	Counter	D I 138, unphased	SV (organic tempered) storage jar 30mm x 30mm
P 52	Counter	G IV 12, later 4th century, phase V	?Black-Burnished 1, part of very shiny and worn burnished arcs remaining 39mm x 42mm
P 67	Counter	G V 5, late 4th century, phase VI	Samian: plain, quite rough 33mm x 38mm. Curved

P 44 Counter	GIA 1A, unphased	17th-18th century coarse Ware. 23mm x 22mm
- Counter	G V 100, late 4th century, phase VI	Samian: plain 21mm x 25mm Curved
- Counter	AA II 16, later 3rd century on, phase V	Samian: decorated 33mm x 35mm Curved
- Counter	G V 5, late 4th century, phase VI	Samian: plain - incomplete 32mm x 23+mm
- Counter	H II 61, unphased	Samian: plain - incomplete 36mm x 19+mm

Catalogue of pottery discs

P 33 A XVIIB 6	Pottery disc	Fragment from body of Malvernian jar with burnished lattice decoration g 76mm x 63mm (Unphased)
P 64 D II 14	Severn Valley storage jar	69mm x 59mm x 19mm (Unphased)
P 69 D II 15	Severn Valley pedestal base.	Join with body worn smooth. Late 4th century. 50mm x 16mm thick (late 4th century, phase VIII)
P 39 G III 1	Severn Valley ware organic tempered body sherd.	Trimmed to shape. 49mm x 44mm x 8mm (Unphased)
P 47 H II 2	Grey ware organic tempered.	Trimmed and smoothed. 53mm x 53mm x 11mm (Unphased)
P 51 G I 178	Grey ware organic tempered.	Trimmed. 54mm x 54mm x 11mm (3rd-4th century?, phase III?)
P 63 D IV T/S	Tile disc.	Trimmed to shape. 72mm x 72mm x 16mm (Unphased)
- B I 6	Severn Valley ware, large jar bodysherd	decorated with vertical burnished lines. Trimmed to shape. 53mm x 42mm (Unphased)

Catalogue of clay loom weights

No	Context	Phase	Date	Description
BC 153	A XIV 29	unphased		pierced burnt clay probably a loom weight
BC 36	B I 20	unphased		triangular clay loom weight
BC 67	C II 135	unphased		triangular clay loom weight
BC 57	C VI 32	unphased		triangular clay loom weight
BC 117	D I 20	IV	late 3rd century?	triangular clay loom weight
BC 134	D I 109	II	later 2nd-early 3rd century?	triangular clay loom weight
BC 131	G I 105	IV	early to mid-4th century	triangular clay loom weight
BC 148	G IV 10A	VI	late 4th century	triangular clay loom weight (see fig 69, no 1)
BC 75	H I 7	II	Antonine-3rd century	triangular clay loom weight

Catalogue of spindle whorls

P 1	A VII 9	Half of grey ware base. Trimmed and rubbed to shape. Hole bored. Dia 43mm Hole dia 8mm (Unphased)
P 13	C III 1	Black burnished ware base trimmed and smoothed into hexagonal (deliberately) whorl. Dia 29mm Hole dia 8mm (Unphased)
P 49	F I 5	Grey ware sherd. Trimmed and smoothed. Damaged. Hole very worn. Highly burnished on one side. Dia: 40mm, hole dia \approx 7mm but worn to 15mm (After AD 353, phase XIII)

P 57 D XI 20 Severn Valley body sherd trimmed and smoothed. Neatly drilled hole.

Dia 32mm Hole dia 6mm (Unphased)

P 60 E VII 1 Brown colour-coated beaker, footring base. Finely cut down and well smoothed.

Dia 50mm Hole dia 13mm (Unphased)

Other finds

Table M8 Datable finds from contexts which have been assigned to phases
(excludes Roman coarse pottery: for these see Table M1)

Note: for mortaria the 'M' number normally indicates Booth's fabric type; where there is a second 'M' number in brackets this is Young's Oxfordshire mortaria type. 'Other' samian is taken from lists prepared by Hartley et al following a scan of the whole assemblage. This data is additional to the material in the printed catalogue

Site	Phase	Trench	Context	Material	Type/fabric	Object date	Find no	Cat no
AAa	I	I	48	COIN	'CLAUDIUS I'	AD 41+	CO71	14
AAa	I	I	48	SAMIAN	OTHER	FLAVIAN/TRAJANIC		
AAa	I	I	49	SAMIAN	OTHER	2ND		
AAa	I	III	95	MORTARIA	M34	PRE-FLAVIAN (KFH)		
AAa	I	III	95	MORTARIA	M34	PRE-FLAVIAN (KFH)		
AAa	I	III	98	MORTARIA	M12	AD 70-150		
AAa	I	III	98	MORTARIA	M12	AD 90-150		5
AAa	II	I	62	SAMIAN		PRE-FLAVIAN		32
AAa	II	I	62	SAMIAN	OTHER	NERONIAN/FLAVIAN		
AAa	II	I	62	SAMIAN	OTHER	PRE-FLAVIAN		
AAa	II	III	61	SAMIAN		TRAJANIC/E.HADRIANIC		61
AAa	II	III	75	MORTARIA	M34	PRE-FLAVIAN		45
AAa	II	III	83	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL84	
AAa	II	III	83	MORTARIA	M26	2ND C		
AAa	II	III	83	MORTARIA	M26	2ND C		
AAa	II	III	83	MORTARIA	M34	PRE-FLAVIAN		45
AAa	III	I	36	MORTARIA	M22	AD 100+		
AAa	III	I	36	MORTARIA	M22	AD 100+		
AAa	III	I	36	SAMIAN	OTHER	ANTONINE		
AAa	III	I	36	SAMIAN	OTHER	HADRIANIC/ANTONINE		
AAa	III	I	36	SAMIAN	OTHER	EARLY 2ND		
AAa	III	I	36	SAMIAN	OTHER	TRAJANIC/HADRIANIC		
AAa	III	I	36	SAMIAN	OTHER	EARLY HADRIANIC		
AAa	III	I	36	SAMIAN	OTHER	AD 75-100		
AAa	III	I	36	SAMIAN	OTHER	FLAVIAN		
AAa	III	I	36	SAMIAN	OTHER	PRE-FLAVIAN		
AAa	III	II	15	SAMIAN	OTHER	ANTONINE		
AAa	III	III	27	SAMIAN		AD 75-95		56
AAa	III	III	57	SAMIAN		AD 100-125		60
AAa	III	III	58	BRONZE	MIRROR	1ST C	OM12	71
AAa	III	III	77	COIN	THEODORA FRAG	AD 337-40	CO70	267
AAa	III	III	77	SAMIAN		AD 135-165		62
AAa	III	III	84	MORTARIA	M34	PRE-FLAVIAN (KFH)		
AAa	IV	I	37	SAMIAN	OTHER	AD 150-180		
AAa	IV	I	37	SAMIAN	OTHER	TRAJANIC		
AAa	IV	I	37	SAMIAN	OTHER	AD 105-125		
AAa	IV	I	40	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL76	
AAa	IV	I	40	SAMIAN	OTHER	TRAJANIC/E HADRIANIC		
AAa	IV	I	40	SAMIAN	OTHER	NERONIAN/E FLAVIAN		
AAa	IV	I	40	SAMIAN	OTHER	FLAVIAN		
AAa	IV	III	19	COIN	QUINTILLUS	AD 270	CO54	101
AAa	IV	III	29	BONE	PIN	AD 200-410	BO21	26
AAa	IV	III	29	COIN	TETRICUS II, CAESAR	AD 270-3	CO59	126
AAa	IV	III	49	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL64	
AAa	IV	III	49	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL64	
AAa	IV	III	49	SAMIAN		AD 120-125		58
AAa	IV	III	49	SAMIAN		AD 100-125		59
AAa	IV	IIIA	9	MORTARIA	M12	AD 70-150		
AAa	IV	IIIA	9	MORTARIA	M12	AD 70-150		
AAa	V	I	42	SAMIAN	OTHER	ANTONINE		
AAa	V	I	42	SAMIAN	OTHER	FLAVIAN/TRAJANIC		

Site	Phase	Trench	Context	Material	Type/fabric	Object date	Find no	Cat no
AAa	V	I	42	SAMIAN	OTHER	1ST		
AAa	V	II	5	SAMIAN	OTHER	ANTONINE		
AAa	V	III	25	MORTARIA	M22	MID 3RD C-EARLY 4TH?		
AAa	V	III	25	MORTARIA	M22	MID 3RD C-EARLY 4TH?		
AAa	V	III	50	COIN	TIBERIUS	AD 14-17	CO65	6
AAa	V	III	76	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL79	
AAa	VI	I	12	SAMIAN	STAMP	ANTONINE		79
AAa	VI	I	13	MORTARIA	M26	2ND C		
AAa	VI	I	13	MORTARIA	M26	2ND C		
AAa	VI	I	17	MORTARIA	M23 (7M3)	AD 140-200		
AAa	VI	I	17	MORTARIA	M23 (7M3)	AD 140-200		
AAa	VI	I	17	SAMIAN		AD 150-180		27A
AAa	VI	I	17	SAMIAN	OTHER	ANTONINE		
AAa	VI	I	17	SAMIAN	OTHER	EARLY ANTONINE		
AAa	VI	I	17A	SAMIAN	OTHER	ANTONINE?		
AAa	VI	I	17	SAMIAN		AD 125-145		27
AAa	VI	I	30	BONE	PIN	AD 50-250	BO25	14
AAa	VI	I	30	COIN	ILLEGIBLE 1ST C	1ST C	CO50	422
AAa	VI	I	30	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL53	
AAa	VI	I	30	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL54	
AAa	VI	I	30	MORTARIA	M12	AD 70-150		
AAa	VI	I	30	MORTARIA	M12	AD 70-150		
AAa	VI	I	30	SAMIAN		AD 150-65		30
AAa	VI	I	30	SAMIAN	OTHER	ANTONINE		
AAa	VI	I	30	SAMIAN	OTHER	EARLY ANTONINE		
AAa	VI	I	30	SAMIAN	OTHER	HADRIANIC		
AAa	VI	I	30	SAMIAN		AD 150-180		30A
AAa	VI	I	31	SAMIAN	OTHER	ANTONINE		
AAa	VI	I	31	SAMIAN	OTHER	HADRIANIC/ANTONINE?		
AAa	VI	I	31	SAMIAN	OTHER	FLAVIAN/TRAJANIC		
AAa	VI	I	32	SAMIAN	STAMP	AD 135-60		59
AAa	VI	I	32	SAMIAN	OTHER	ANTONINE		
AAa	VI	I	33	SAMIAN	OTHER	FLAVIAN?		
AAa	VI	I	33	SAMIAN	OTHER	ANTONINE		
AAa	VI	I	35	SAMIAN	OTHER	FLAVIAN		
AAa	VI	I	66	SAMIAN		AD 150-180		33
AAa	VI	III	8	COIN	CARACIUS	AD 287-90	CO58	163
AAa	VI	III	10	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL63	
AAa	VI	III	10	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL71	
AAa	VI	III	10	MORTARIA	M23	AD 100+		
AAa	VI	III	10	MORTARIA	M23	AD 100+		
AAa	VII	I	6	SAMIAN	OTHER	FLAVIAN?		
AAa	VII	I	9	SAMIAN	OTHER	FLAVIAN/TRAJANIC		
AAa	VII	I	16	SAMIAN	OTHER	ANTONINE		
AAa	VII	I	16	SAMIAN	OTHER	EARLY FLAVIAN		
AAa	VII	I	18	BONE	PIN	AD 200-410	BO11	24
AAa	VII	I	18	MORTARIA	M71	AD 240-400		
AAa	VII	I	18	MORTARIA	M71	AD 240-400		
AAa	VII	I	18	SAMIAN		AD 125-145		28
AAa	VII	I	19	SAMIAN	OTHER	ANTONINE		
AAa	VII	I	19	SAMIAN	OTHER	ANTONINE		
AAa	VII	I	19	SAMIAN	STAMP	AD 150-180		860
AAa	VII	I	20	MORTARIA	M23	AD 100+		
AAa	VII	I	20	MORTARIA	M23	AD 100+		
AAa	VII	I	20	SAMIAN	OTHER	TRAJANIC/E HADRIANIC		
AAa	VII	III	15	MORTARIA	M26 STAMP	AD 110-160		41/86
AAa	VIII	I	25	SAMIAN	OTHER	HADRIANIC/E ANTONINE		
AAa	VIII	I	41	SAMIAN	OTHER	PRE-FLAVIAN?		
AAa	VIII	I	41	SAMIAN	OTHER	1ST		
AAa	VIII	I	41	SAMIAN	STAMP	1ST		894
AAa	VIII	III	11	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL51	

Site Phase	Trench	Context	Material	Type/fabric	Object date	Find no	Cat no
AAa IX	I	11	GLASS	CUP?	LATE 1ST - MID-2ND	GL25	12
AAa IX	I	11	MORTARIA	M22	4TH C?		
AAa IX	I	11	MORTARIA	M22	4TH C?		25
AAa IX	I	29	BONE	PIN	AD 70-250	BO14	4
AAa IX	I	29	COIN	RADIATE COPY	AD 273+	CO45	151
AAa IX	I	29	COIN	RADIATE COPY	AD 273+	CO46	152
AAa IX	I	29	SAMIAN		AD 150-180		29
AAa IX	I	29	SAMIAN		AD 150-180		29A
AAa IX	I	29	SAMIAN	STAMP	AD 150-180		818
AAa IX	III	3	MORTARIA	M23	AD 100+		
AAa IX	III	3	MORTARIA	M23	AD 100+		
AAa IX	III	7	BONE	PIN	AD 200-410	BO12	25
AAa I	II	81A	SAMIAN	OTHER	NERONIAN/E FLAVIAN		
AAa I	II	82	COIN	TRAJAN	AD 98-117	CO79	41
AAa I	II	82	SAMIAN	OTHER	FLAVIAN		
AAa I	II	94	SAMIAN	OTHER	FLAVIAN/TRAJANIC		
AAa I	II	100	COIN	NERVA	AD 96-98	CO88	38
AAa I	II	100	SAMIAN	OTHER	FLAVIAN		
AAa I	II	101	SAMIAN	OTHER	FLAVIAN/TRAJANIC		
AAa II	II	12	SAMIAN	OTHER	2ND		
AAa II	II	78	GLASS	UNGUENT BOTTLE	1ST	GL92	20
AAa II	II	78	MORTARIA	M22	3RD C?		
AAa II	II	78	MORTARIA	M23	3RD C?		
AAa II	II	78	MORTARIA	M22	C AD 100+		
AAa II	II	78	MORTARIA	M23	3RD C?		
AAa II	II	78	MORTARIA	M22 STAMP	AD 140-170		17/S13
AAa II	II	78	SAMIAN	OTHER	HADRIANIC		
AAa II	II	78	SAMIAN	OTHER	AD 85-110		
AAa II	II	78	SAMIAN	OTHER	FLAVIAN/TRAJANIC		
AAa II	II	78	SAMIAN	OTHER	EARLY FLAVIAN		
AAa II	II	78	SAMIAN	OTHER	ANTONINE		
AAa II	II	78	SAMIAN	OTHER	HADRIANIC		51
AAa II	II	83	SAMIAN	OTHER	TRAJANIC		
AAa II	II	83	SAMIAN	OTHER	FLAVIAN/TRAJANIC		
AAa II	II	83	SAMIAN	OTHER	AD 85-110		
AAa II	II	83	SAMIAN	OTHER	FLAVIAN		
AAa II	II	91	MORTARIA	M21	AD 100-150?		
AAa II	II	91	MORTARIA	M21	AD 100-150?		
AAa II	II	91	SAMIAN	OTHER	AD 75-95		
AAa III	II	13	MORTARIA	M22	3RD C		
AAa III	II	13	MORTARIA	M22	3RD C?		
AAa III	II	13	SAMIAN		ANTONINE		38
AAa III	II	13	SAMIAN	OTHER	FLAVIAN?		
AAa III	II	20	SAMIAN	OTHER	NERONIAN		
AAa III	II	20	SAMIAN	OTHER	FLAVIAN		
AAa III	II	26	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL65	
AAa III	II	26	SAMIAN	OTHER	EARLY ANTONINE		
AAa III	II	26	SAMIAN	OTHER	ANTONINE		
AAa III	II	32	SAMIAN	OTHER	EARLY 2ND		
AAa III	II	56	SAMIAN	OTHER	FLAVIAN		
AAa III	II	60	SAMIAN		AD 70-90		49
AAa III	II	65	MORTARIA	M22	2ND C		
AAa III	II	65	MORTARIA	M22	2ND C		
AAa III	II	66	BROOCH	TRUMPET	1ST C - AD 175	CA112	58
AAa III	II	85	SAMIAN	OTHER	AD 145-75		
AAa III	II	85	SAMIAN	OTHER	EARLY ANTONINE		
AAa III	II	85	SAMIAN	OTHER	ANTONINE		
AAa III	II	85	SAMIAN	OTHER	FLAVIAN		
AAa III	II	85	SAMIAN	OTHER	FLAVIAN/TRAJANIC		
AAa III	II	86	SAMIAN	OTHER	EARLY ANTONINE		
AAa III	II	86	SAMIAN	OTHER	ANTONINE		

Site	Phase	Trench	Context	Material	Type/Fabric	Object date	Find no	Cat no
AA5	III	II	87	SAMIAN		HADRIANIC		52
AA5	III	II	87	SAMIAN	STAMP	AD 125-50		66
AA5	III	II	87	SAMIAN	OTHER	HADRIANIC/ANTONINE		
AA5	III	II	87	SAMIAN	OTHER	ANTONINE		
AA5	III	II	95	SAMIAN	OTHER	EARLY FLAVIAN		
AA5	III	II	102	SAMIAN	OTHER	FLAVIAN/TRAJANIC		
AA5	III	II	103	COIN	TRAJAN	AD 103-11	CO83	44
AA5	III	II	106	SAMIAN		AD 55-65		54
AA5	III	II	106	SAMIAN	OTHER	1ST		
AA5	III	II	106	SAMIAN	OTHER	NERONIAN		
AA5	III	II	109	BROOCH	POLDEN HILL SPRING	AD 50-70	CA129	6
AA5	III	II	109	SAMIAN	OTHER	NERONIAN/VESPASIANIC		
AA5	III	II	112	MORTARIA	M22	2ND C		
AA5	III	II	112	MORTARIA	M22	2ND C		
AA5	III	II	121	SAMIAN	OTHER	FLAVIAN/TRAJANIC		
AA5	V	II	5A	SAMIAN	OTHER	FLAVIAN/TRAJANIC		
AA5	V	II	14	SAMIAN	OTHER	FLAVIAN?		
AA5	V	II	16	BONE	PIN	AD 50-250	BO23	12
AA5	V	II	16A	MORTARIA	M22 STAMP	AD 135-180		S21
AA5	V	II	16	SAMIAN		AD 125-45		40
AA5	V	II	16	SAMIAN		AD 135-65		41
AA5	V	II	28	MORTARIA	M22	2ND C		
AA5	V	II	28	MORTARIA	M23	2ND C		
AA5	V	II	28	MORTARIA	M23	AD 100+		
AA5	V	II	28	MORTARIA	M22	2ND C		
AA5	V	II	28	MORTARIA	M23	2ND C		
AA5	V	II	28	MORTARIA	M23	AD 100+		
AA5	V	II	28	SAMIAN		HADRIANIC		43
AA5	V	II	28	SAMIAN	OTHER	ANTONINE		
AA5	V	II	28	SAMIAN	OTHER	TRAJANIC/HADRIANIC		
AA5	V	II	28	SAMIAN		AD 135-170		44
AA5	V	II	28	SAMIAN		AD 150-180		45
AA5	V	II	28	SAMIAN		AD 150-180		46
AA5	V	II	29	SAMIAN		AD 150-80		47
AA5	V	II	29	SAMIAN	OTHER	TRAJANIC/HADRIANIC		
AA5	V	II	29	SAMIAN	OTHER	FLAVIAN		
AA5	V	II	29	SAMIAN	OTHER	FLAVIAN/TRAJANIC		
AA5	V	II	73	SAMIAN	OTHER	ANTONINE		
AA5	V	II	73	SAMIAN	OTHER	HADRIANIC/E ANTONINE		
AA5	V +	II	19	SAMIAN	OTHER	AD 75-95		
AA5	V-IX	II	9	SAMIAN	OTHER	ANTONINE		
AA5	V-IX	II	9	SAMIAN	OTHER	ANTONINE?		
AA5	V-IX	II	9	SAMIAN	OTHER	HADRIANIC/E ANTONINE		
AA5	V+	II	19	SAMIAN	OTHER	PRE FLAVIAN		
AA5	V+	II	19	SAMIAN	OTHER	HADRIANIC		
AA5	VI	II	30	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL66	
AA5	VI	II	30	SAMIAN	OTHER	ANTONINE		
AA5	VI	II	50	SAMIAN		AD 160-90		48
AA5	VI	II	50	SAMIAN	OTHER	ANTONINE		
AA5	VI	II	51	MORTARIA	M22	3RD-4TH C		
AA5	VI	II	51	MORTARIA	M22	3RD-4TH C		29
AA5	VI	II	51	SAMIAN	OTHER	LATE ANTONINE		
AA5	VI	II	51	SAMIAN	OTHER	ANTONINE		
AA5	VI	II	51	SAMIAN	OTHER	ANTONINE		
AA5	VI	II	69	SAMIAN		AD 130-60		50
AA5	VI	II	110	SAMIAN	OTHER	LATE ANTONINE		
Ab	I	IX	41	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL16	
Ab	II	IX	17	SAMIAN	OTHER	EARLY ANTONINE?		
Ab	II	IX	45	COIN	TRAJAN	AD 112-14	CO17	45
Ab	IV	IX	13	SAMIAN		AD 55-75		8
Ab	V	IX	12	MORTARIA	M71	AD 240-400		

Site	Phase	Trench	Context	Material	Type/fabric	Object date	Find no	Cat no
An	V	IX	12	MORTARIA	M71	AD 240-400		
An	V	IX	14	SAMIAN	OTHER	AD 70-90?		
An	VI	IX	3	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL4	
An	VI	IX	3	SAMIAN	OTHER	FLAVIAN		
An	VI	IX	3	SAMIAN	OTHER	TRAJANIC?		
An	VI	IX	8	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL79	
An	VI	IX	8	SAMIAN	OTHER	ANTONINE		
An	VI	IX	8	SAMIAN	OTHER	EARLY ANTONINE		
An	VI	IX	8	SAMIAN	OTHER	FLAVIAN		
An	VI	IX	8	SAMIAN	OTHER	AD 75-85?		
An	VI	IX	16	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL6	
An	VI	IX	16	MORTARIA	M23	AD 100+		
An	VI	IX	16	MORTARIA	M23	AD 100+		
An	VI	IX	18	SAMIAN	OTHER	MID 2ND		
An	VI	IX	25	COIN	VICTORINUS	AD 268-70	CO11	110
An	VI	IX	25	SAMIAN		LATE 2ND		10
An	VI	IX	25	SAMIAN	OTHER	ANTONINE		
An	VI	IX	25	SAMIAN	OTHER	ANTONINE?		
An	VI	IX	25	SAMIAN	OTHER	AD 125-145?		
An	VI	IX	29	SAMIAN		AD 135-65		11
An	VI	IX	30	MORTARIA	M22	AD 100+		
An	VI	IX	30	MORTARIA	M22	AD 100+		
An	VI	V	3	SAMIAN	STAMP	ANTONINE		100
An	VI	V	3	SAMIAN	OTHER	ANTONINE		
An	VI	V	8	MORTARIA	M22	2ND C		
An	VI	V	8	MORTARIA	M22	2ND C		
An	VI	V	8	SAMIAN	OTHER	ANTONINE		
An	VI	V	8	SAMIAN	OTHER	AD 160?		
An	VI	V	8	SAMIAN	OTHER	ANTONINE?		
An	VI	V	8	SAMIAN	OTHER	HADRIANIC/E ANTONINE		
An	VI	V	12	SAMIAN	OTHER	HADRIANIC/E ANTONINE		
An	VI	V	17	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL69	
An	VI	V	19	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL90	
An	VI	V	19	SAMIAN	OTHER	HADRIANIC/E ANTONINE		
An	VII	IX	2	MORTARIA	M23	3RD C?		
An	VII	IX	2	MORTARIA	M23	3RD C?		
An	VII	IX	2	SAMIAN	OTHER	1ST?		
An	VII	IX	2	SAMIAN	OTHER	HADRIANIC/ANTONINE		
An	VIII	IX	9	SAMIAN	OTHER	LATE ANTONINE		
An	VIII	V	4	BONE	PIN	AD 200-410	BO5	42
An	VIII	V	4	SAMIAN		AD 150-180		1
As	VI	I	4	COIN	TETRICUS II, CAESAR	AD 270-3	CO2	128
As	VI	I	4	SAMIAN	OTHER	LATE ANTONINE/E 3RD		
B	I	I	28	MORTARIA	M23	AD 100+		
B	I	I	28	MORTARIA	M23	AD 100+		
B	II	I	2	MORTARIA	M23	AD 100+		
B	II	I	2	MORTARIA	M23	AD 100+		
B	II	I	2	SAMIAN	STAMP	AD 100-125		76
B	II	I	3	BROOCH	DRAHTFIBEL COPY	PRE-CONQUEST?	FE75	43
B	II	I	3	COIN	CLAUDIUS II	AD 268-70	CO27	92
B	II	I	3	COIN	CLAUDIUS II	AD 268-70	CO27	92
B	II	I	3	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL33	
B	II	I	3	MORTARIA	M22	EARLY-MID 2ND C?		
B	II	I	3	MORTARIA	M26	EARLY-MID 2ND C?		44
B	II	I	3	POTTERY	COARSE	ANTONINE		
B	II	I	3	SAMIAN	PIT GROUP	AD 145-55		
B	II	I	4	SAMIAN	STAMP	HADRIANIC/E, ANTONINE		96
B	II	I	10	SAMIAN	OTHER	HADRIANIC/EARLY ANT		
B	II	I	15	SAMIAN		AD 130-50		73
B	II	I	15	SAMIAN		AD 135-165		74
B	II	I	15	SAMIAN		AD 150-180		75

B	II	I	16	SAMIAN		AD 150-160		76
B	III	IA	25	SAMIAN	OTHER	FLAVIAN?		
B	III	IA	25	SAMIAN	OTHER	HADRIANIC?		
B	III	IA	25	SAMIAN	OTHER	ANTONINE?		
B	III	IA	25	SAMIAN	OTHER	2ND C		
B	III	IV	3	MORTARIA	M23 (M22)	AD 240-400		
B	IV	IA	12	COIN	MAGNENTIUS	AD 351-3	CO92	391
B	IV	IA	13	SAMIAN	OTHER	FLAVIAN		
B	IV	IA	13	SAMIAN	OTHER	LATE 1ST?		
B	IV	IA	14	SAMIAN	OTHER	ANTONINE?		
B	IV	IA	15	COIN	VALENTINIAN I	AD 364-78	CO98	397
Co	I	VI	102	SAMIAN		AD 70-85		103
Co	I	VI	103	SAMIAN	OTHER	FLAVIAN		
Co	II	VI	73	SAMIAN	OTHER	NERONIAN-EARLY FLAV		
Co	II	VI	78	SAMIAN	OTHER	1ST		
Co	II	VI	93	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL118	
Co	II	V?	93	SAMIAN	OTHER	FLAVIAN		
Co	II	VIA	78	SAMIAN	OTHER	FLAVIAN		
Co	III	VI	62	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL117	
Co	III	VIA	85	SAMIAN	OTHER	1ST		
Co	III?	VI	132	SAMIAN	OTHER	HADRIANIC?		
Co	IV	VI	26	BROOCH		1ST C INTO 2ND?	CA159	18
Co	IV	VI	46A	SAMIAN	OTHER	FLAVIAN		
Co	IV	VI	51	SAMIAN		AD 135-70		99
Co	IV	VI	60	SAMIAN		AD 85-110		100
Co	IV	VI	66	SAMIAN		AD 135-70		101
Co	IV	VI	66	SAMIAN	STAMP	FLAVIAN?		90
Co	IV	VI	69	SAMIAN	OTHER	ANTONINE		
Co	IV	VI	79	BONE	PIN	AD 250-410	BO37	40
Co	IV	VI	79	SAMIAN	OTHER	FLAVIAN		
Co	IV	VI	99	SAMIAN		AD 75-90		102
Co	V	VI	36	BROOCH	POLDEN HILL SPRING	AD 75-175	CA 167	12
Co	V	VI	36	SAMIAN	OTHER	TRAJANIC/HADRIANIC?		
Co	V	VI	36	SAMIAN	OTHER	2ND		
Co	V	VI	36	SAMIAN	OTHER	MID-LATE ANTONINE		
Co	VI	VI	87	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL119	
Co	VI	VI	87	SAMIAN	OTHER	ANTONINE?		
Co	VI	VIA	82	SAMIAN	OTHER	FLAVIAN?		
Co	VI	VIA	96	SAMIAN		AD 110-25		107
Co	VI	VIA	96	SAMIAN	OTHER	FLAVIAN-TRAJANIC		
Co	VI/VII	VIA	73	SAMIAN	OTHER	FLAVIAN-TRAJANIC?		
Co	VI/VIII	VIA	73	SAMIAN	OTHER	ANTONINE		
Co	VII	VI	24	MORTARIA	M23	AD 100+		
Co	VII	VI	24	MORTARIA	M23	AD 100+		
Co	VII	VI	24	SAMIAN	OTHER	ANTONINE		
Co	VII	VI	37	BROOCH	AESICA	1ST - AD 175	CA152	46
Co	VII	VI	37	BROOCH		AD 100-175	CA147	61
Co	VII	VI	37	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL109	
Co	VII	VI	37	SAMIAN	OTHER	FLAVIAN-TRAJANIC		
Co	VII	VI	37	SAMIAN	OTHER	HADRIANIC-ANTONINE		
Co	VII	VI	37	SAMIAN	OTHER	c AD 140-170		
Co	VII	VI	37	SAMIAN	OTHER	MID-LATE ANTONINE		
Co	VII	VIA	8	SAMIAN	OTHER	LATE ANTONINE?		
Co	VII	VIA	59	SAMIAN		AD 125-50		105
Co	VII	VIA	59	SAMIAN	OTHER	ANTONINE		
Co	VII	VI	5	SAMIAN	OTHER	LATE ANTONINE		
Co	VIII	VI	5A	SAMIAN	OTHER	ANTONINE		
Co	VIII	VI	22	SAMIAN		AD 150-80		96
Co	VIII	VI	23	COIN	FAUSTINA I, POSTH.	AD 141+	CO173	62
Co	VIII	VI	23	SAMIAN	OTHER	2ND		
Co	VIII	VIA	58	SAMIAN	OTHER	1ST		
Co	VIII	VIA	58	SAMIAN	OTHER	TRAJANIC/HADRIANIC		
Co	VIII	VI	3	SAMIAN		AD 165-200		95

Site	Phase	Trench	Context	Material	Type/fabric	Object date	Find no	Cat	nc
Ce	VIIIA	VI	3	SAMIAN	OTHER	LATE 2ND/3RD			
Ce	IX	VI	4	BONE	PIN	AD 200-410	BO28		28
Ce	IX	VI	4	BRONZE	BRACELET	4TH C	CA141		33
Ce	IX	VI	4	GLASS	FRAGMENT(S)	4TH C	GL102		
Ce	IX	VI	4	MORTARIA	M22	AD 100+			
Ce	IX	VI	4	MORTARIA	M22	AD 100+			
Ce	IX	VI	4	SAMIAN	OTHER	LATE ANTONINE			
Ce	IX	VIA	10	COIN	'TETRICUS II, CAESAR'	AD 273+	CO105		138
Ce	IX	VIA	10	SAMIAN	OTHER	MID-LATE ANTONINE			
Ce	IX	VIA	12	BRONZE	NECKLACE	4TH C ON	CA153		35
Ce	IX	VIA	12	COIN	CONSTANS	AD 346-8	CO102		294
Ce	IX	VIA	12	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL108		32
Ce	IX	VIA	12	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL108		
Ce	IX	VIA	52	COIN	CONSTANTINE I	AD 325-26	CO155		188
Ce	IX	VIA	53	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL115		
Q	I	VIA	112	SAMIAN	OTHER	2ND			
Q	I/II	I	90	SAMIAN	OTHER	FLAVIAN?			
Q	I/II	I	90	SAMIAN	OTHER	1ST C			
Q	III	VI	31	SAMIAN	OTHER	MID-LATE ANTONINE			
Q	IV	VIA	108	SAMIAN	OTHER	FLAVIAN?			
Q	IV	VIA	108	SAMIAN	OTHER	AD 75-85			108
Q	IV	VIA	123	SAMIAN	OTHER	FLAVIAN/TRAJANIC			
Q	V	IA	2	MORTARIA	M23 (M18)	AD 240-300			
Q	V	IA	2	MORTARIA	M23 (M18)	AD 240-300			
Q	V	VI	30	SAMIAN	OTHER	FLAVIAN-TRAJANIC			
Q	V	VI	30	SAMIAN	OTHER	EARLY 2ND?			
Q	V	VI	85	SAMIAN	OTHER	FLAVIAN?			
Q	V	VI	95	SAMIAN	OTHER	FLAVIAN			
Q	V	VIA	87	SAMIAN	OTHER	1ST			
Q	V	VIA	87	SAMIAN	OTHER	ANTONINE?			106
Q	V	VIA	94	SAMIAN	OTHER	1ST			
Q	V	VIA	94	SAMIAN	OTHER	ANTONINE?			
Q	V	VIA	99	SAMIAN	OTHER	FLAVIAN-TRAJANIC			
Q	V	VIA	99	SAMIAN	OTHER	ANTONINE			
Q	V	VIA	107	SAMIAN	OTHER	FLAVIAN?			
Q	V	VIA	107	SAMIAN	OTHER	FLAVIAN-TRAJANIC			
Q	V	VIA	116	SAMIAN	OTHER	VESPASIANIC			
Q	V	VIA	116	SAMIAN	OTHER	AD 78-85			109
Q	V	VIA	119	SAMIAN	OTHER	HADRIANIC/EARLY ANT			
Q	VI	IC	16	MORTARIA	M23	AD 100+			
Q	VI	IC	16	MORTARIA	M23	AD 100+			
Q	VI	VI	11	BRONZE	MIRROR	1ST C	CA165		75
Q	VI	VI	11	SAMIAN	STAMP	AD 160-200			69
Q	VI	VI	11	SAMIAN	OTHER	FLAVIAN			
Q	VI	VI	11	SAMIAN	OTHER	HADRIANIC/EARLY ANT			
Q	VI	VI	12A	MORTARIA	M23 (M17)	AD 240-300			
Q	VI	VI	12A	MORTARIA	M23 (M17)	AD 240-300			
Q	VI	VI	12	SAMIAN	OTHER	FLAVIAN			
Q	VI	VIA	4	SAMIAN	OTHER	FLAVIAN			
Q	VI	VIA	34	SAMIAN	OTHER	FLAVIAN-TRAJANIC			
Q	VI	VIA	105	SAMIAN	OTHER	FLAVIAN			
D	?	II	28	MORTARIA	M26	2ND C?			
D	?	II	29	MORTARIA	M22	AD 240-400			
D	?	II	29	MORTARIA	M23	AD 240-400			
D	?	II	29	MORTARIA	M71	AD 240-400			
D	?	II	29A	MORTARIA	M22	ANTONINE			
D	?	II	29A	MORTARIA	M49	ANTONINE			
D	?	II	29A	MORTARIA	M51	ANTONINE			
D	-	II	29A	POTTERY	COARSE	AD 150-60			
D	-	II	29A	SAMIAN	PIT GROUP	AD 150-60			
D	?	II	60	MORTARIA	M21	FLAVIAN-EARLY 2ND C			

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Site	Phase	Trench	Context	Material	Type/fabric	Object date	Find no	Cat no
D	?	IV	2	MORTARIA	M23	AD 100+		
D	?	IV	5	MORTARIA	M23	AD 100+		
D	?	IV	13	MORTARIA	M25	3RD-4TH C		
D	I	I	31	MORTARIA	M22			
D	I	I	31	MORTARIA	M22	C AD 100+		
D	I	I	31	SAMIAN	OTHER	FLAVIAN/TRAJANIC		
D	I	I	31	SAMIAN	OTHER	EARLY 2ND?		
D	I	I	39	SAMIAN	OTHER	TRAJANIC/HADRIANIC?		
D	I	I	46A	SAMIAN	OTHER	NERONIAN-EARLY FLAV		
D	I	I	46A	SAMIAN	OTHER	FLAVIAN?		
D	I	I	85	MORTARIA	M26	2ND C		
D	I	I	85	MORTARIA	M26	2ND C		
D	I	I	107	BROOCH	FRAGMENT	1ST C?	CA375	26
D	I	I	107	BROOCH	AUCISSA-HOD HILL	MID-1ST C	CA369	68
D	I	I	145	SAMIAN		AD 145-75		138
D	I	I	174	BRONZE	MIRROR	FLAVIAN	CA394	72
D	I	I	175	BROOCH	FRAGMENT	1ST C?	CA382	27
D	I	I	175	COIN	CLAUDIUS I	AD 41-50	CO397	8
D	I	I	175	COIN	'CLAUDIUS I'	AD 41+	CO419	17
D	I	I	175	COIN	ILLEGIBLE	1ST/2ND C	CO393	424
D	I	I	175	GLASS	UNGUENT BOTTLE	LATE 1ST - LATE 2ND	GL195	21A
D	I	I	239	SAMIAN		AD 70-90		149
D	I	II	36	SAMIAN	STAMP	AD 50-65		54
D	I	II	64	SAMIAN	OTHER	FLAVIAN		
D	I	II	64	SAMIAN	OTHER	HADRIANIC/E ANTONINE		
D	I	II	68	SAMIAN	OTHER	NERONIAN		
D	I	II	68	SAMIAN	OTHER	ANTONINE		
D	I	II	90	BROOCH	DRAHTFIBEL COPY	PRE-CONQUEST?	FE373	41
D	IA	I	234	SAMIAN	OTHER	FLAVIAN		
D	II	I	109	BRONZE	BRACELET	LATE 4TH C	CA396	29
D	II	I	109	BROOCH	KRAGENFIBEL	MID-1ST C	FE314	64
D	II	I	109	SAMIAN		AD 55-75		127
D	II	I	109	SAMIAN		AD 70-85		128
D	II	I	109	SAMIAN	STAMP	AD 65-90		29
D	II	I	109	SAMIAN	STAMP	AD 60-80		45
D	II	I	109	SAMIAN	STAMP	AD 60-80		52
D	II	I	126A	MORTARIA	M23 (M2)	AD 100-140		
D	II	I	126A	MORTARIA	M44	AD 100-140		
D	II	I	126A	MORTARIA	M23 (M2)	AD 100-140		
D	II	I	126A	MORTARIA	M44	AD 100-140		49
D	II	I	126A	MORTARIA	M23 STAMP	AD 110-140		35/S26
D	II	I	126A	SAMIAN		AD 75-100		136
D	II	I	170	SAMIAN		AD 75-100		142
D	II	I	170	SAMIAN	OTHER	AD 100-125		
D	II	I	170	SAMIAN	OTHER	LATE ANTONINE		
D	II	I	170	SAMIAN		AD 75-100		142
D	II	I	173	BRONZE	SPOON	1ST C	CA383	117
D	II	I	173	BROOCH	POLDEN HILL SPRING	AD 50-85	CA425	7
D	II	I	173	GLASS	BOWL	1ST C	GL381	2
D	II	I	173	GLASS	BOWL	1ST C	GL219	6
D	II	I	173	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL209	
D	II	I	173	MORTARIA	M46	2ND C		
D	II	I	173	MORTARIA	M52	2ND C		
D	II	I	173	MORTARIA	M46	2ND C		57
D	II	I	173	MORTARIA	M52	1ST-2ND C		61
D	II	I	173	SAMIAN		AS 135-170		143A
D	II	I	173	SAMIAN		CLAUDIO-NERONIAN		143
D	II	I	173	SAMIAN	OTHER	FLAVIAN		
D	II	I	173	SAMIAN	OTHER	AD 100-120		
D	II	I	173	SAMIAN	OTHER	AD 140-170		
D	II	I	246	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL414	

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Site	Phase	Trench	Context	Material	Type/fabric	Object date	Find no	Cat no
D	II	I	246	MORTARIA	M23 (M2)	AD 100-170		
D	II	I	246	MORTARIA	M44	AD 100-170		
D	II	I	246	MORTARIA	M23 (M2)	AD 100-170		
D	II	I	246	MORTARIA	M44	AD 100-150		52
D	II	I	246	MORTARIA	M23 STAMP	AD 110-140		35/S26
D	II	I	246	POTTERY	COARSE	HADRIANIC		
D	II	I	246A	POTTERY	COARSE	HADRIANIC		
D	II	I	246	SAMIAN		AD 70-90		150
D	II	I	246	SAMIAN	STAMP	AD 115-35		47
D	II	I	246	SAMIAN		AD 125-140		151
D	III	I	116	SAMIAN		AD 55-70		135
D	III	I	116	SAMIAN		AD 55-75		135A
D	III	I	264	MORTARIA	M23	AD 100+		
D	III	I	264	MORTARIA	M23	AD 100+		
D	III	II	77	COIN	DOBUNNI PLATED COPY	c AD 10-40	CO468	4
D	III	II	77	SAMIAN		AD 60-80		184
D	III	II	97	SAMIAN	OTHER	PRE-FLAVIAN		
D	III	II	103	SAMIAN	OTHER	FLAVIAN		
D	III	II	106	SAMIAN	OTHER	TRAJANIC		
D	IV	I	27	SAMIAN	OTHER	HADRIANIC		
D	IV	I	27	SAMIAN	OTHER	ANTONINE		
D	IV	I	27	SAMIAN	OTHER	MID/LATE ANTONINE		
D	IV	I	29	BONE	PIN	AD 200-410	BO42	30
D	IV	I	29A	BROOCH		?1ST C	CA207	4
D	IV	I	29	SAMIAN	OTHER	FLAVIAN-TRAJANIC		
D	IV	I	29	SAMIAN	OTHER	1ST		
D	IV	I	33	MORTARIA	M12	FLAVIAN?		
D	IV	I	33	MORTARIA	M12	FLAVIAN?		
D	IV	I	33	SAMIAN	OTHER	FLAVIAN		
D	IV	I	70	SAMIAN		AD 75-100		120
D	IV	I	75	SAMIAN		AD 120-40		121
D	IV	I	112	BONE	PIN	AD 50-150	BO63	19
D	V	I	4	SAMIAN	OTHER	HADRIANIC?		
D	V	I	12	SAMIAN	OTHER	FLAVIAN-TRAJANIC		
D	V	I	12	SAMIAN	OTHER	HADRIANIC/ANTONINE		
D	V	I	14	SAMIAN		AD 150-180		115
D	V	I	16	SAMIAN	OTHER	ANTONINE?		
D	V	I	40	SAMIAN		AD 165-200		119
D	V	I	40	SAMIAN	OTHER	TRAJANIC		
D	V	I	40	SAMIAN	OTHER	EARLY ANTONINE?		
D	V	I	40	SAMIAN	OTHER	MID/LATE ANTONINE?		
D	V	I	41	SAMIAN	OTHER	AD 65-80		
D	V	I	41	SAMIAN	OTHER	FLAVIAN		
D	V	I	46	GLASS	FRAGMENT(S)	4TH C	GL191	
D	V	I	46	SAMIAN	STAMP	AD 70-90		65
D	V	I	71	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL163	
D	V	I	71	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL213	
D	V	I	71	GLASS	FRAGMENT(S)	4TH C	GL165	
D	V	I	71	MORTARIA	M23 (7M18 OR M19)	AD 240-300		
D	V	I	71	MORTARIA	M23 (7M18 OR M19)	AD 240-300		
D	V	I	71	SAMIAN	STAMP	NERONIAN		5
D	V	I	71	SAMIAN	OTHER	FLAVIAN		
D	V	I	71	SAMIAN	OTHER	MID/LATE ANTONINE		
D	V	I	87	BONE	PIN	AD 200-410	BO60	31
D	V	I	87	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL179	
D	V	I	87	MORTARIA	M22	ANTONINE		
D	V	I	87D	MORTARIA	M22 STAMP	ANTONINE		21/S14
D	V	I	87	SAMIAN		AD 160-90		122
D	V	I	87	SAMIAN		AD 165-200		123
D	V	I	87D	SAMIAN	STAMP	AD 160-90		68A
D	V	I	87	SAMIAN	STAMP	ANTONINE		97

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Site	Phase	Trench	Context	Material	Type/fabric	Object date	Find no	Cat no
D	V	I	87	SAMIAN	OTHER	AD 60-80		
D	V	I	87	SAMIAN	OTHER	AD 100-125		
D	V	I	87D	SAMIAN	STAMP	AD 170-200		874
D	V	I	91	SAMIAN		AD 160-90		125
D	V	I	98	SAMIAN		AD 160-90		126
D	V	I	98	SAMIAN	STAMP	AD 160-90		67
D	VI	I	6	BRONZE	BOWL	LATE 1ST/2ND	CA174	120
D	VI	I	6	MORTARIA	M51	2ND C?		
D	VI	I	6	MORTARIA	M51	2ND C?		
D	VI	I	6	SAMIAN		AD 150-80		113
D	VI	I	6	SAMIAN		AD 160-90		114
D	VI	I	7	COIN	NERVA	AD 96-8	CO174	39
D	VI	I	18A	BROOCH	PLATE	2ND C?	CA227	75
D	VI	I	18A	COIN	NERVA	AD 96-8	CO223	37
D	VI	I	18A	MORTARIA	M22	MID-2ND C?		
D	VI	I	18A	MORTARIA	M22	MID-2ND C?		
D	VI	I	18A	SAMIAN	OTHER	1ST C		
D	VI	I	18A	SAMIAN	OTHER	ANTONINE		
D	VI	I	19	SAMIAN	OTHER	FLAVIAN-TRAJANIC		
D	VI	I	34	GLASS	SQUARE BOTTLE	1ST - LATE 2ND	GL150	26
D	VI	I	34	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL149	
D	VI	I	34	MORTARIA	M23 (M2, M22)	AD 240-400		
D	VI	I	34	MORTARIA	M23 (M2, M22)	AD 240-400		
D	VI	I	34	MORTARIA	M23 STAMP	AD 110-140		35/S26
D	VI	I	34	SAMIAN	OTHER	FLAVIAN-TRAJANIC		
D	VI	I	35	MORTARIA	M22	ANTONINE?		
D	VI	I	35	MORTARIA	M22	ANTONINE?		
D	VI	I	36	COIN	ILLEGIBLE 1ST/2ND C	1ST/2ND C	CO250	426
D	VI	I	36	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL160	
D	VI	I	36	MORTARIA	M23 (M2 M19 M20 M22)	AD 240+		
D	VI	I	36	MORTARIA	M23 (M2 M19 M20 M22)	AD 240+		
D	VI	I	36	MORTARIA	M23 STAMP	AD 110-140		35/S26
D	VI	I	36	SAMIAN		LATE 2ND/EARLY 3RD C		118
D	VI	I	36	SAMIAN	OTHER	FLAVIAN		
D	VI	I	36	SAMIAN	OTHER	ANTONINE		
D	VI	I	47	COIN	VICTORINUS	AD 268-70	CO236	107
D	VI	I	47	COIN	TETRICUS II, CAESAR	AD 270-3	CO238	125
D	VI	I	47	SAMIAN	OTHER	FLAVIAN		
D	VI	I	47	SAMIAN	OTHER	TRAJANIC		
D	VI	I	47	SAMIAN	OTHER	HADRIANIC-ANTONINE		
D	VI	I	47	SAMIAN	OTHER	ANTONINE		
D	VI	I	47	SAMIAN	OTHER	ANTONINE?		
D	VI	I	48	COIN	HADRIAN	AD 117-38	CO269	51
D	VI	I	48	SAMIAN	STAMP	AD 65-90		28
D	VI	I	49	MORTARIA	M44	FLAVIAN-MID 2ND C?		
D	VI	I	49	MORTARIA	M44	AD 100-150		48
D	VI	I	49	SAMIAN	OTHER	FLAVIAN		
D	VI	I	102	COIN	TETRICUS I	AD 270-3	CO258	114
D	VI	I	102	SAMIAN	STAMP	ANTONINE		99
D	VI	I	102	SAMIAN	OTHER	ANTONINE		
D	VI	I	114	SAMIAN		AD 135-170		133
D	VI	I	115	MORTARIA	M51	2ND C		
D	VI	I	115	MORTARIA	M51	2ND C		
D	VI	I	115	SAMIAN		AD 70-90		134
D	VI	I	120	COIN	MAGNENTIUS	AD 351-3	CO288	388
D	VI	I	120	MORTARIA	M23 (M22)	AD 240-400		
D	VI	I	120	MORTARIA	M23 (M22)	AD 240-400		
D	VI	I	124	MORTARIA	M22	MID-LATE 3RD C?		
D	VI	I	124	MORTARIA	M22	MID-LATE 3RD C?		28
D	VI	I	150	SAMIAN	OTHER	PRE-FLAVIAN		
D	VI	I	206	COIN	HADRIAN	AD 117-38	CO441	50

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Site	Phase	Trench	Context	Material	Type/fabric	Object date	Find no	Cat no
D	VI	I	206	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL369	
D	VI	I	206	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL369	33
D	VI	I	244	AMPHORA		MID-2ND C	AA24	11
D	VI?	I	5	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL138	
D	VI?	I	5	SAMIAN	OTHER	FLAVIAN		
D	VI?	I	5	SAMIAN	OTHER	FLAVIAN-TRAJANIC		
D	VII	I	195	MORTARIA	M51	2ND C		
D	VII	I	195	MORTARIA	M51	2ND C		
D	VII	II	15A	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL404	
D	VII	II	15A	SAMIAN	OTHER	1ST		
D	VIII	I	2	BONE	PIN	AD 200-410?	B040	43
D	VIII	I	2	COIN	'CONSTANTUIS II'	AD 353+	CO125	322
D	VIII	I	2A	COIN	CONSTANS	AD 346-8	CO188	278
D	VIII	I	2A	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL139	
D	VIII	I	2A	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL145	
D	VIII	I	2	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL140	
D	VIII	I	2A	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL161	
D	VIII	I	2A	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL139	
D	VIII	I	2	MORTARIA	M22	AD 240-400		
D	VIII	I	2	MORTARIA	M26	AD 240-400		
D	VIII	I	2	MORTARIA	M43 (7WC7)	AD 240-400		
D	VIII	I	2	MORTARIA	M44	AD 240-400		
D	VIII	I	2A	MORTARIA	M22	2ND C ON		
D	VIII	I	2A	MORTARIA	M23	2ND C ON		
D	VIII	I	2A	MORTARIA	M44	2ND C ON		
D	VIII	I	2	MORTARIA	M22	C AD 100+		
D	VIII	I	2	MORTARIA	M26	2ND C		
D	VIII	I	2	MORTARIA	M43 (7WC7)	AD 240-400		
D	VIII	I	2	MORTARIA	M44	2ND C		
D	VIII	I	2A	MORTARIA	M22	C AD 100+		
D	VIII	I	2A	MORTARIA	M23	C AD 100+		
D	VIII	I	2A	MORTARIA	M44	2ND C		
D	VIII	I	2	MORTARIA	M22 STAMP	AD 110-140		16/S25
D	VIII	I	2A	SAMIAN		AD 135-70		112
D	VIII	I	2	SAMIAN	STAMP	AD 120-40		61
D	VIII	I	2	SAMIAN	STAMP	AD 160-90		70
D	VIII	I	2A	SAMIAN	OTHER	TRAJANIC-HADRIANIC		
D	VIII	I	2A	SAMIAN	OTHER	HADRIANIC/EARLY ANT		
D	VIII	I	2A	SAMIAN	OTHER	ANTONINE		
D	VIII	I	2A	SAMIAN	OTHER	MID-LATE ANTONINE		
D	VIII	I	2A	SAMIAN	OTHER	LATE ANTONINE		
D	VIII	I	23	SAMIAN	OTHER	FLAVIAN		
D	VIII	I	23	SAMIAN	OTHER	1ST		
D	VIII	I	24	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL134	
D	VIII	I	24	SAMIAN	OTHER	HADRIANIC/EARLY ANT		
D	VIII	I	24	SAMIAN	OTHER	ANTONINE		
D	VIII	I	24	SAMIAN	OTHER	MID/LATE ANTONINE		
D	VIII	I	25	BRONZE	FITTING	3RD C ON?	OM32	126
D	VIII	I	25	COIN	FAUSTINA II	AD 161-75	CO187	69
D	VIII	I	25	GLASS	CUP?	LATE 1ST - MID-2ND	GL137	13
D	VIII	I	25	GLASS	CUP	3RD	GL137	14
D	VIII	I	25	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL137	
D	VIII	I	25	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL411	
D	VIII	I	25	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL137	
D	VIII	I	25	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL203	
D	VIII	I	25	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL205	
D	VIII	I	25	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL211	
D	VIII	I	25	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL411	
D	VIII	I	25	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL212	
D	VIII	I	25	GLASS	HEXAGONAL BOTTLE	BEFORE MID-2ND C	GL207	27
D	VIII	I	25	GLASS	HEXAGONAL BOTTLE	BEFORE MID-2ND C	GL137	

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Site	Phase	Trench	Context	Material	Type/fabric	Object date	Find no	Cat no
D	VIII	I	25	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL137	
D	VIII	I	25	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL198	
D	VIII	I	25	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL205	
D	VIII	I	25	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL411	
D	VIII	I	25	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL202	
D	VIII	I	25	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL205	
D	VIII	I	25	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL207	
D	VIII	I	25	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL211	
D	VIII	I	25	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL212	
D	VIII	I	25	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL411	
D	VIII	I	25	MORTARIA	M22	ANTONINE, POSS 3RD C		
D	VIII	I	25	MORTARIA	M23	ANTONINE, POSS 3RD C		
D	VIII	I	25	MORTARIA	M51	ANTONINE, POSS 3RD C		
D	VIII	I	25	MORTARIA	M22	ANTONINE, POSS 3RD C		
D	VIII	I	25	MORTARIA	M23	AD 100+		
D	VIII	I	25	MORTARIA	M51	ANTONINE?		
D	VIII	I	25	MORTARIA	M22 STAMP	AD 140-180		S3
D	VIII	I	25	SAMIAN		AD 135-70		116
D	VIII	I	25	SAMIAN		AD 145-75		117
D	VIII	I	25	SAMIAN	STAMP	AD 120-50		36
D	VIII	I	25	SAMIAN	OTHER	AD 75-100		
D	VIII	I	25	SAMIAN	OTHER	TRAJANIC/EARLY HADR		
D	VIII	I	25	SAMIAN	OTHER	ANTONINE		
D	VIII	I	25	SAMIAN	OTHER	AFTER AD 160?		
D	VIII	I	208	SAMIAN		AD 150-80		147
D	VIII	I	214	SAMIAN	OTHER	ANTONINE?		
D	VIII	II	15	COIN	VESPASIAN	AD 71-8	CO478	27
D	VIII	II	15	COIN	CONSTANT.II/CONSTANS	AD 346-8	CO289	364
D	VIII	II	15	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL400	
D	VIII	II	15	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL391	
D	VIII	II	15	SAMIAN	OTHER	FLAVIAN		
D	VIII	II	15	SAMIAN	OTHER	MID-LATE ANTONINE		
D	VIII	II	25	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL137	
D	VIII	II	52	SAMIAN	OTHER	HADRIANIC/E ANTONINE		
D	VIII	II	70	SAMIAN		ANTONINE		175
D	VIII	II	70	SAMIAN	OTHER	AD 70-85		
D	VIII	II	70	SAMIAN	OTHER	HADRIANIC/ANTONINE		
D	VIII	II	70	SAMIAN	OTHER	MID/LATE ANTONINE		
D	VIII	II	84	BROOCH		LATE 1ST - AD 175	CA476	23
D	IX	I	21	MORTARIA	M51	2ND C?		
D	IX	I	21	MORTARIA	M51	2ND C?		59
D	IX	I	188	MORTARIA	M51	2ND C		
D	IX	I	188	MORTARIA	M51	2ND C		
D	IX	II	2	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL146	
D	IX	II	2	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL144	
D	IX	II	2	MORTARIA	M12	AD 240-400		
D	IX	II	2	MORTARIA	M21	AD 240-400		
D	IX	II	2	MORTARIA	M23 (M2, M17)	AD 240-400		
D	IX	II	2	MORTARIA	M26	AD 240-400		
D	IX	II	2	MORTARIA	M71 (C97)	AD 240-400		
D	IX	II	2	MORTARIA	M12	MID 1ST-MID 2ND		
D	IX	II	2	MORTARIA	M21	EARLY 2ND?		14
D	IX	II	2	MORTARIA	M23 (M3)	AD 140-200		36
D	IX	II	2	MORTARIA	M26	2ND C		
D	IX	II	2	MORTARIA	M71 (C97)	AD 240-400		
D	IX	II	2	MORTARIA	M26 STAMP	AD 100-140		42/85
D	IX	II	2	MORTARIA	M22 STAMP	AD 110-140		16/825
D	IX	II	2	SAMIAN	STAMP	AD 60-75		15
E	U/S	IV	16	MORTARIA	M23	AD 100+		
E	II	I	55	COIN	'CLAUDIUS I'	AD 41+	CO440	15
E	III	I	19	COIN	VESPASIAN	AD 69-79	CO271	24

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Site	Phase	Trench	Context	Material	Type/fabric	Object date	Find no	Cat no
E	III	I	19	SAMIAN	STAMP	AD 80-110		71
E	III	II	71	SAMIAN	STAMP	AD 45-60		31
E	III	II	71	SAMIAN	STAMP	AD 70-90		32
E	III	II	78	SAMIAN	STAMP	AD 75-95		56
E	III	IV	23	BROOCH	TRUMPET	1ST C - AD 175	CA360	52
E	III	IV	48	SAMIAN	OTHER	PRE-FLAVIAN?		
E	III	IV	51	SAMIAN	OTHER	NERONIAN/FLAVIAN		
E	III	VI	9	SAMIAN	OTHER	TRAJANIC/HADRIANIC		
E	IV	II	32	BROOCH	TRUMPET	1ST C - AD 175	CA427	51
E	IV	II	33	BONE	PIN	AD 50-250	BO80	18
E	IV	II	37	BROOCH		LATE 1ST - AD 175	CA460	21
E	IV	II	37	MORTARIA	M41	2ND C		
E	IV	II	37	MORTARIA	M41	2ND C		
E	IV	II	37	SAMIAN	STAMP	AD 70-90		64
E	IV	II	41	SAMIAN	OTHER	TRAJANIC		
E	IV	II	41	SAMIAN	OTHER	ANTONINE		
E	IV	IV	38	BROOCH	TRUMPET	1ST C - AD 175	CA426	57
E	IV	IV	38	MORTARIA	M12	AD 70-150		
E	IV	IV	38	MORTARIA	M12	AD 70-150		
E	IV	V	24	SAMIAN	OTHER	ANTONINE?		
E	IV/V	II	40	SAMIAN	OTHER	FLAVIAN-TRAJANIC		
E	V	II	27	BROOCH	TRUMPET	1ST C - AD 175	CA445	56
E	V	II	27	SAMIAN	OTHER	FLAVIAN		
E	V	II	34	COIN	DOMITIAN	AD 93-4	CO446	32
E	V	II	34A	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL402	
E	V	II	34	MORTARIA	M41 STAMP	AD 120-160		46/S12
E	V	II	34	SAMIAN	OTHER	FLAVIAN		
E	V	II	34	SAMIAN	OTHER	FLAVIAN-TRAJANIC		
E	V	II	34	SAMIAN	OTHER	TRAJANIC		
E	V	II	34	SAMIAN	OTHER	HADRIANIC?		
E	V	II	34	SAMIAN	OTHER	2ND		
E	V	II	35	SAMIAN	OTHER	PRE-FLAVIAN?		
E	V	II	35	SAMIAN	OTHER	NERONIAN/EARLY FLAV		
E	V	II	46	POTTERY	OBJECT	LATE FLAVIAN/TRAJAN	P66	3
E	V	IV	47	SAMIAN	OTHER	FLAVIAN		
E	V	IV	68	BROOCH		1ST C INTO 2ND?	CA411	19
E	V	V	22	MORTARIA	M12 STAMP	AD 120-160		
E	V	V	22	MORTARIA	M41 STAMP	AD 120-160		
E	V	V	22	MORTARIA	M12	LATE 1ST C?		8
E	V	V	22	MORTARIA	M41 STAMP	AD 120-160		S11
E	V	V	22	SAMIAN		AD 70-95		189
E	V	V	22	SAMIAN		AD 90-110		190
E	V	V	22	SAMIAN	OTHER	FLAVIAN		
E	V	V	22	SAMIAN	OTHER	TRAJANIC/EARLY HADR		
E	VI	I	14	SAMIAN	OTHER	ANTONINE		
E	VI	II	10	MORTARIA	M22	C 130-180?		
E	VI	II	10	MORTARIA	M22	C 130-180?		
E	VI	II	10	SAMIAN	OTHER	ANTONINE		
E	VI	II	10	SAMIAN	OTHER	LATE ANTONINE		
E	VI	II	11	COIN	HADRIAN	AD 119-22	CO265	53
E	VI	II	11	SAMIAN	OTHER	FLAVIAN-TRAJANIC		
E	VI	II	11	SAMIAN	OTHER	ANTONINE		
E	VI	II	11	SAMIAN	OTHER	LATE 2ND-3RD		
E	VI	II	12	MORTARIA	M22	ANTONINE?		
E	VI	II	12	MORTARIA	M22	ANTONINE?		
E	VI	II	19	MORTARIA	M22	2ND C		
E	VI	II	19	MORTARIA	M26	2ND C		
E	VI	II	19	MORTARIA	M22	2ND C		
E	VI	II	19	MORTARIA	M26	2ND C		
E	VI	II	19	SAMIAN	OTHER	ANTONINE		
E	VI	II	19	SAMIAN	OTHER	LATE 2ND/3RD		

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Site	Phase	Tranch	Context	Material	Type/fabric	Object date	Find no	Cat no
E	VI	II	30	SAMIAN	OTHER	ANTONINE		
E	VI	II	30	SAMIAN	OTHER	AD 160-190		
E	VI	II	31	COIN	VESPASIAN	AD 69-79	CO436	23
E	VI	IV	18	SAMIAN	OTHER	ANTONINE		
E	VI	IV	18	SAMIAN	OTHER	MID-LATE ANTONINE		
E	VI	IV	22	SAMIAN	OTHER	FLAVIAN-TRAJANIC		
E	VI	IV	22	SAMIAN	OTHER	TRAJANIC		
E	VI	IV	25	BROOCH	HEADSTUD	2ND C	CA326	36
E	VI	IV	37	BROOCH	TRUMPET	1ST C - AD 175	CA357	49
E	VI	IV	46	SAMIAN	STAMP	FLAVIAN-FLAV/TRAJAN		91
E	VI	V	17	SAMIAN	OTHER	HADRIANIC/EARLY ANT		
E	VI	VI	3	COIN	VESPASIAN	AD 69-79	CO252	25
E	VII	III	36	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL405	
E	XIII	I	3	MORTARIA	M23	AD 100+		
E	XIII	I	3	MORTARIA	M23	AD 100+		
E	XIII	I	4	COIN	PHILIP II	AD 247-9	CO430	78
E	XIII	I	4	COIN	CONSTANS	AD 346-8	CO417	277
E	XIII	II	5	COIN	CONSTANTIUS II	AD 346-8	CO218	306
E	XIII	II	6	MORTARIA	M22	MID-2ND C?		
E	XIII	II	6	MORTARIA	M22	MID-2ND C?		
E	XIII	II	9	BROOCH	TRUMPET	1ST C - AD 175	CA283	48
E	XIII	II	9	COIN	CONSTANTINE I	AD 330-31	CO363	193
E	XIII	II	9	COIN	CONSTANS	AD 337-40	CO358	272
E	XIII	II	9	SAMIAN	OTHER	ANTONINE		
E	XIII	II	16	SAMIAN	OTHER	AD 140-170		
E	XIII	II	18	SAMIAN	OTHER	AD 170-200		
E	XIII	II	18	SAMIAN	OTHER	LATE ANTONINE		
E	XIII	III	5	COIN	RADIATE COPY	AD 273+	CO171	146
E	XIII	III	38	SAMIAN	OTHER	ANTONINE		
E	XIII	IV	6	COIN	'CONSTANTIUS II'	AD 353+	CO216	341
E	XIII	IV	6	COIN	VALENTINIAN I	AD 364-7	CO217	395
E	XIII	IV	6	SAMIAN	OTHER	ANTONINE		
E	XIII	IV	7	SAMIAN	OTHER	HADRIANIC/ANTONINE		
E	XIII	IV	7	SAMIAN	OTHER	ANTONINE		
E	XIII	IV	12	SAMIAN	OTHER	ANTONINE		
E	XIII	IV	15	COIN	CONSTANTINE I	AD 330-31	CO246	195
E	XIII	IV	15	COIN	VALENTINIAN I	AD 367-75	CO249	398
E	XIII	IV	15	SAMIAN	OTHER	FLAVIAN		
E	XIII	IV	15	SAMIAN	OTHER	ANTONINE		
E	XIII	V	6	MORTARIA	M22	AD 100+		
E	XIII	V	6	MORTARIA	M22	AD 100+		
E	XIII	V	6	SAMIAN	OTHER	HADRIANIC?		
E	XIII	V	6	SAMIAN	OTHER	HADRIANIC/ANTONINE		
E	XIII	V	6	SAMIAN	OTHER	LATE ANTONINE?		
E	XIII	V	31	SAMIAN	OTHER	FLAVIAN		
E	XIII	V	31	SAMIAN	OTHER	AD 90-110		
F	II	I	126	INTAGLIO	NICOLO	1ST C	ST157	3
F	III	IV	8	COIN	GALBA	AD 68-9	CO374	22
F	III/IV	I	50B	SAMIAN		AD 150-180		192
F	III/IV	I	50	SAMIAN	OTHER	FLAVIAN		
F	VI	I	124A	BROOCH	POLDEN HILL SPRING	AD 50-85	CA501	10
F	VII	I	92	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL393	
F	IX	I	73	SAMIAN	OTHER	1ST		
F	X	I	81	COIN	ILLEGIBLE 1ST/2ND C	1ST/2ND C	CO487	427
F	XI	I	WALL 1	COIN	'CONSTANTIUS II'	AFTER AD 353	CO462	334
F	XII	I	13	SAMIAN	OTHER	HADRIANIC/ANTONINE		
F	XII	I	13	SAMIAN	OTHER	ANTONINE		
F	XII	I	14	COIN	CONSTANTINE I	AD 330-5	CO401	197
F	XII	I	21	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL208	
F	XII	I	23	SAMIAN	OTHER	HADRIANIC		
F	XIII	I	5	COIN	CONSTANTINE I	AD 319	CO366	180

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Site	Phase	Trench	Context	Material	Type/fabric	Object date	Find no	Cat no
F	XIII	I	5	COIN	CONSTANTIUS II	AD 353-4	CO354	315
F	XIII	I	5	MORTARIA	M23 (M22)	AD 240-400		
F	XIII	I	5	MORTARIA	M71 (C100)	AD 240-400		
F	XIII	I	5	MORTARIA	M23 (M22)	AD 240-400		38
F	XIII	I	5	MORTARIA	M71 (C100)	AD 240-400		
F	XIII	I	5	SAMIAN	OTHER	ANTONINE?		
F	XIII	I	9	COIN	CONSTANT. II, CASEAR	AD 330-1	CO391	240
F	XIII?	I	10	COIN	CONSTANTIUS II	AD 346-8	CO381	308
F	XIII	I	15	COIN	CONSTANS	AD 346-8	CO425	282
F	XIII	I	15	SAMIAN	OTHER	HADRIANIC/ANTONINE		
F	XIII	I	161	SAMIAN		AD 160-95		193
F	XIII	I	161	SAMIAN	OTHER	ANTONINE?		
F	XIII	I	162	SAMIAN	OTHER	ANTONINE		
F	XIII	I	187D	SAMIAN		AD 150-180		195
F	XIII	III	8	SAMIAN	OTHER	ANTONINE		
F	XIII	III	15	SAMIAN		AD 85-110		196
F	XIII	IV	2	COIN	CONSTANTINE I	AD 332-3	CO370	214
F	XIII	IV	2	COIN	CONSTANTINE I	AD 335	CO371	217
F	XIII	IV	2	MORTARIA	M23 (M22)	AD 240-400		
F	XIII	IV	2	MORTARIA	M23 (M22)	AD 240-400		
F	XIII	IV	14	BRONZE	BRACELET	LATE 4TH C	CA371	27
F	XIII	IV	14	COIN	CONSTANS	AD 346-8	CO385	293
F	XIII	V	12	SAMIAN		AD 160-190		198
F	XIII	V	12	SAMIAN	OTHER	ANTONINE		
G	U/S	II	2	MORTARIA	M22	4TH C		
G	U/S	II	2	MORTARIA	M71	4TH C		
G	I?	IA	85	SAMIAN	OTHER	NERONIAN?		
G	I?	IA	85	SAMIAN	OTHER	FLAVIAN?		
G	I?	II	14	SAMIAN		AD 135-70		230
G	I?	II	14	SAMIAN	OTHER	LATE ANTONINE		
G	I?	IV	38	SAMIAN	STAMP	LATE 2ND OR 3RD C		81
G	I?	IV	38	SAMIAN	OTHER	NERONIAN		
G	I?	IV	38	SAMIAN	OTHER	PRE-FLAVIAN?		
G	I?	IV	38	SAMIAN	OTHER	NERONIAN/EARLY FLAV		
G	I?	IV	38	SAMIAN	OTHER	LATE 2ND/3RD		
G	I?	IV	41	BRONZE	RING	3RD C	CA450	5
G	I?	IV	46	MORTARIA	M26	2ND C?		
G	I?	IV	46	SAMIAN	STAMP	AD 50-65		50
G	I?	IV	46	SAMIAN	OTHER	FLAVIAN		
G	I?	IV	46	SAMIAN	OTHER	1ST		
G	I?	IV	46	SAMIAN	OTHER	MID-ANTONINE		
G	I?	IV	46	SAMIAN	OTHER	HADRIANIC/ANTONINE		
G	II?	I	112	SAMIAN	OTHER	NERONIAN/EARLY FLAV		
G	II?	I	193	MORTARIA	M45	AD 100-150?		55
G	II?	I	193	SAMIAN	OTHER	FLAVIAN?		
G	II?	V	98	MORTARIA	M53	2ND C		
G	IV	I	2	COIN	'CONSTANTIUS II'	AD 353+	CO183	344
G	IV	I	2	SAMIAN	OTHER	ANTONINE		
G	IV	I	59	BROOCH	DRAHTFIBEL COPY	PRE-CONQUEST?	FE297	40
G	IV	I	59	SAMIAN		NERONIAN		208
G	IV	I	89	BONE	PIN	AD 50-250	BO71	16
G	IV	I	89	BROOCH	COLCHESTER	AD 0-30	FE276	1
G	IV	I	89	COIN	VESPASIAN	AD 71	CO274	26
G	IV	I	89	SAMIAN		NERONIAN		212
G	IV	I	89	SAMIAN	STAMP	NERO/EARLY FLAVIAN		87
G	IV	I	89	SAMIAN	OTHER	NERONIAN/EARLY FLAV		
G	IV	I	89	SAMIAN	OTHER	HADRIANIC?		
G	IV	I	105	COIN	DOBUNY AR	c 10-40	CO372	3
G	IV	I	105	GLASS	FRAGMENT(S)	4TH C	GL190	
G	IV	I	105	SAMIAN	OTHER	NERONIAN		
G	IV	I	105	SAMIAN	OTHER	NERONIAN?		

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Site	Phase	Trench	Context	Material	Type/fabric	Object date	Find no	Cat no
G	IV	I	105	SAMIAN	OTHER	NERONIAN/EARLY FLAV		
G	IV	I	105	SAMIAN	OTHER	TRAJANIC/HADRIANIC		
G	IV	I	119	SAMIAN	STAMP	AD 45-65		8
G	IV	I	121	SAMIAN	OTHER	EARLY FLAVIAN?		
G	IV	I	123	COIN	CLAUDIUS I	AD 41-50	CO361	7
G	IV	I	123	COIN	'CLAUDIUS I'	AD 41+	CO362	19
G	IV	I	123	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL193	
G	IV	I	123	GLASS	FRAGMENT(S)	4TH C	GL193	
G	IV	I	123	SAMIAN	OTHER	PRE-FLAVIAN		
G	IV	I	126	SAMIAN	OTHER	PRE-FLAVIAN		
G	IV	I	127	SAMIAN	OTHER	EARLY FLAVIAN?		
G	IV	I	137	SAMIAN	SAMIAN	AD 65-80		216
G	IV	I	137	SAMIAN	OTHER	FLAVIAN		
G	IV	I	137	SAMIAN	OTHER	FLAVIAN-TRAJANIC		
G	IV	I	137	SAMIAN	OTHER	HADRIANIC?		
G	IV	I	148	BROOCH	DRAHTFIBEL/NAUHEIM?	PRE-CONQUEST?	FE301	44
G	IV	I	148	MORTARIA	M12	LATE 2ND C		
G	IV	I	148	MORTARIA	M12	LATE 2ND C		
G	IV	I	148	SAMIAN	OTHER	PRE-FLAVIAN		
G	IV	I	148	SAMIAN	OTHER	EARLY FLAVIAN		
G	IV	I	163	BROOCH	LANGTON DOWN COPY	1ST C?	CA366	25
G	IV	I	163	SAMIAN	OTHER	PRE-FLAVIAN		
G	IV	I	168	AMPHORA		AD 40-75	AA25	12
G	IV	I	168	SAMIAN		AD 65-80		219
G	IV	IA	68	BROOCH	LATE LA TENE	1ST C	CA408	37
G	IV	IA	68	SAMIAN		AD 50-65		226
G	IV	IA	68	SAMIAN	OTHER	1ST C		
G	IV	IA	70	AMPHORA		1ST C	P82	13
G	IV	IA	70	BROOCH		LATE 1ST - AD 175	CA412	24
G	IV	IA	70	SAMIAN	OTHER	NERONIAN		
G	IV	IA	70	SAMIAN	OTHER	NERONIAN?		
G	IV	IA	73	SAMIAN	OTHER	NERONIAN/EARLY FLAV		
G	IV	IA	84	SAMIAN	OTHER	NERONIAN		
G	IV	IA	84	SAMIAN	OTHER	NERONIAN?		
G	IV	IA	84	SAMIAN	OTHER	NERONIAN/EARLY FLAV		
G	IV	IA	90	COIN	'CLAUDIUS I'	AD 41+	CO444	13
G	IV	IA	90	SAMIAN	OTHER	ANTONINE		
G	IV	IA	97	SAMIAN	OTHER	NERONIAN/VESPASIANIC		
G	IV	IA	98	COIN	TRAJAN?	AD 98-117?	CO452	47
G	IV	IA	100	SAMIAN	OTHER	EARLY FLAVIAN?		
G	IV	IA	111	SAMIAN	OTHER	NERONIAN/EARLY FLAV		
G	IV	II	29	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL412	
G	IV	II	29	SAMIAN	OTHER	FLAVIAN		
G	IV	IV	25	SAMIAN	OTHER	ANTONINE		
G	IV	IV	25	SAMIAN	OTHER	LATE 2ND/3RD		
G	IV	IV	39	GLASS	FRAGMENT(S)	LATE 1ST - EARLY 2ND	GL378	
G	IV	IV	39	MORTARIA	M12	FLAVIAN?		1
G	IV	IV	39	SAMIAN		AD 70-90		236
G	IV	IV	39	SAMIAN	OTHER	PRE-FLAVIAN?		
G	IV	IV	39	SAMIAN	OTHER	AD 70-100		
G	IV	IV	52	SAMIAN	OTHER	NERONIAN/EARLY FLAV		
G	IV	IV	52	SAMIAN	OTHER	ANTONINE		
G	IV	IV	53	SAMIAN	OTHER	ANTONINE?		
G	IV	IV	56	SAMIAN	OTHER	ANTONINE		
G	IV	IV	61	BRONZE	NECKLACE	2ND C ON	CA451	36
G	IV	IV	61	SAMIAN	OTHER	MID-LATE ANTONINE		
G	IV	IV	61	SAMIAN	OTHER	LATE 2ND/3RD		
G	IV	V	26	COIN	FLAVIAN?	69-96?	CO479	36
G	IV	V	26	COIN	CONSTANTINE I	AD 330-1	CO476	207
G	IV	V	26	MORTARIA	M23	AD 100+		
G	IV	V	26	MORTARIA	M23	AD 100+		

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Site	Phase	Trench	Context	Material	Type/fabric	Object date	Find no	Cat no
G	IV	V	26	SAMIAN	OTHER	LATE ANTONINE?		
G	IV	V	47	BONE	PIN	AD 200-410	B094	36
G	IV	V	100	BONE	PIN	AD 200-410	B094	36
G	V	I	56	SAMIAN	STAMP	LATE 2ND/EARLY 3RD C		84
G	V	I	56	SAMIAN	OTHER	TRAJANIC/HADRIANIC		
G	V	I	56	SAMIAN	OTHER	ANTONINE		
G	V	I	56	SAMIAN	OTHER	LATE ANTONINE		
G	V	I	56	SAMIAN	OTHER	LATE 2ND/3RD		
G	V	I	57	SAMIAN	OTHER	ANTONINE		
G	V	I	57	SAMIAN	OTHER	MID-LATE ANTONINE		
G	V	I	83	SAMIAN	OTHER	HADRIANIC?		
G	V	I	85	MORTARIA	M12	LATE 2ND-EARLY 3RD C		
G	V	I	85	MORTARIA	M26	LATE 2ND-EARLY 3RD C		
G	V	I	85	MORTARIA	M12	LATE 2ND-EARLY 3RD C		
G	V	I	85	MORTARIA	M26	2ND C		
G	V	I	85	SAMIAN	OTHER	NERONIAN?		
G	V	I	85	SAMIAN	OTHER	EARLY FLAVIAN?		
G	V	I	85	SAMIAN	OTHER	HADRIANIC?		
G	V	I	106A	COIN	VALENS	AD 367-75	CO387	412
G	V	I	106A	SAMIAN	STAMP	NERO/EARLY FLAVIAN		88
G	V	I	106A	SAMIAN	OTHER	NERONIAN		
G	V	I	106A	SAMIAN	OTHER	NERONIAN/EARLY FLAV		
G	V	I	107	SAMIAN	OTHER	NERONIAN?		
G	V	I	115	SAMIAN		AD 45-65		213
G	V	I	115	SAMIAN		AD 50-70		214
G	V	I	115	SAMIAN		AD 70-90		215
G	V	I	115	SAMIAN	OTHER	EARLY-MID-ANTONINE		
G	V	I	136	SAMIAN	OTHER	NERONIAN		
G	V	I	138	SAMIAN	OTHER	ANTONINE?		
G	V	I	158	SAMIAN	OTHER	MID-LATE ANTONINE		
G	V	IA	22	SAMIAN	OTHER	FLAVIAN/EARLY TRAJ		
G	V	IA	26	SAMIAN	OTHER	ANTONINE		
G	V	IA	60	COIN	ILLEGIBLE 4TH C	4TH C	CO429	439
G	V	IA	60	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL366	
G	V	IA	63	SAMIAN	OTHER	NERONIAN?		
G	V	IA	63	SAMIAN	OTHER	FLAVIAN		
G	V	IA	67A	SAMIAN	OTHER	NERONIAN-EARLY FLAV		
G	V	IA	94	SAMIAN	OTHER	PRE-FLAVIAN?		
G	V	II	3	BONE	PIN	AD 70-250	B048	5
G	V	II	3	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL385	
G	V	II	6	COIN	'CONSTANTINE I'	AD 341-6	CO213	227
G	V	II	12	BONE	PIN	AD 70-250	B097	6
G	V	II	12	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL375	
G	V	II	12	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL394	
G	V	II	12	SAMIAN	OTHER	NERONIAN/EARLY FLAV?		
G	V	II	12	SAMIAN	OTHER	HADRIANIC ?		
G	V	II	12	SAMIAN	OTHER	ANTONINE		
G	V	II	12	SAMIAN	OTHER	MID-LATE ANTONINE		
G	V	II	13	MORTARIA	M22	EARLY-MID 2ND C		
G	V	II	13	MORTARIA	M22	EARLY-MID 2ND C		
G	V	II	18	SAMIAN	OTHER	ANTONINE		
G	V	IV	2	COIN	CONSTANTINE II	AD 337-40	CO315	269
G	V	IV	2	SAMIAN	OTHER	NERONIAN/EARLY FLAV		
G	V	IV	2	SAMIAN	OTHER	AD 85-110		
G	V	IV	12	BROOCH	MULTI-COIL SPRING	PRE-CONQUEST?	FE303	45
G	V	IV	12	COIN	CLAUDIUS II, POSTH.	AD 270	CO402	99
G	V	IV	12	COIN	'TETRICUS I'	AD 273+	CO415	119
G	V	IV	12	COIN	CONSTANTIUS II ?	AD 353-4	CO439	312
G	V	IV	12	COIN	HOUSE OF CONSTANTINE	AD 335-41	CO411	379
G	V	IV	12	COIN	HOUSE OF THEODOSIUS	AD 388-402	CO413	421
G	V	IV	12	COIN	ILLEGIBLE 4TH C	4TH C	CO422	438

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Site	Phase	Trench	Context	Material	Type/fabric	Object date	Find no	Cat no
G	V	IV	12	GLASS	BOWL	1ST C	GL396	3
G	V	IV	12	GLASS	BOWL	1ST C	GL372	5
G	V	IV	12	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL370	
G	V	IV	12	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL216	
G	V	IV	12	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL216	
G	V	IV	12	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL376	
G	V	IV	12	MORTARIA	M22	AD 100+		
G	V	IV	12	MORTARIA	M22	AD 100+		
G	V	IV	12	SAMIAN		AD 135-50		232
G	V	IV	12	SAMIAN	OTHER	NERONIAN/EARLY FLAV		
G	V	IV	12	SAMIAN	OTHER	FLAVIAN/TRAJANIC		
G	V	IV	12	SAMIAN	OTHER	MID-LATE ANTONINE		
G	V	IV	12	SAMIAN		LATE 2ND/EARLY 3RD		233
G	V	V	7	SAMIAN	OTHER	MID/LATE ANTONINE		
G	VI	I	17	MORTARIA	M22	LATE 3RD-4TH C		
G	VI	I	17	MORTARIA	M22	LATE 3RD-4TH C		
G	VI	I	17	SAMIAN		AD 160-190		204
G	VI	I	17	SAMIAN	OTHER	NERONIAN		
G	VI	I	17	SAMIAN	OTHER	EARLY FLAVIAN?		
G	VI	I	17	SAMIAN	OTHER	FLAVIAN		
G	VI	I	17	SAMIAN	OTHER	ANTONINE		
G	VI	I	61	SAMIAN	OTHER	1ST		
G	VI	I	61	SAMIAN	OTHER	ANTONINE		
G	VI	I	61	SAMIAN	OTHER	LATE ANTONINE		
G	VI	IA	5	BRONZE	DRESS FASTENER	2ND C	CA255	2
G	VI	IA	5	SAMIAN	OTHER	NERONIAN/EARLY FLAV		
G	VI	IA	5	SAMIAN	OTHER	ANTONINE		
G	VI	IA	7	SAMIAN		AD 160-90		221
G	VI	IA	25	COIN	CONSTANTIUS II	AD 337-40	CO233	302
G	VI	IA	25	SAMIAN		AD 160-90		223
G	VI	IA	25	SAMIAN	OTHER	HADRIANIC-ANTONINE?		
G	VI	IA	27	SAMIAN	OTHER	AD 170-200		
G	VI	IA	89	BROOCH	COLCHESTER DERIVED	MID-1ST C	FE431	2
G	VI	II	19	SAMIAN	OTHER	FLAVIAN		
G	VI	III	4	COIN	CARAUSIUS	AD 290-93	CO400	170
G	VI	III	4	COIN	MAGNENTIUS	AD 350-51	CO399	384
G	VI	III	4	MORTARIA	N71	AD 240+		
G	VI	III	4	MORTARIA	N71	AD 240+		
G	VI	III	4	SAMIAN	OTHER	ANTONINE		
G	VI	IV	1A	STONE	MILESTONE	AFTER AD 337	ST174	1
G	VI	IV	15	COIN	DOMITIAN	AD 95	CO437	33
G	VI	IV	15	SAMIAN	OTHER	ANTONINE		
G	VI	IV	15	SAMIAN	OTHER	MID-LATE ANTONINE		
G	VI	IV	18	COIN	ILLEGIBLE 4TH C	4TH C	CO421	440
G	VI	IV	19	SAMIAN	OTHER	FLAVIAN?		
G	VI	IV	20	SAMIAN		AD 50-65		234
G	VI	IV	20	SAMIAN	OTHER	MID-LATE ANTONINE		
G	VI	IV	21	COIN	CONSTANTIUS II	AD 353+	CO424	352
G	VI	IV	22	SAMIAN	OTHER	NERONIAN/EARLY FLAV		
G	VI	IV	22	SAMIAN	OTHER	HADRIANIC/ANTONINE?		
G	VI	IV	22	SAMIAN	OTHER	ANTONINE		
G	VI	IV	22	SAMIAN	OTHER	AD 170-200		
G	VI	IV	22	SAMIAN	STAMP	AD 160-200		S42
G	VI	IV	23	BONE	PIN	AD 250-410	BO78	41
G	VI	IV	23	BRONZE	RING	c 3RD C	CA419	4
G	VI	IV	23	GLASS	FRAGMENT(S)	1ST - 3RD	GL382	
G	VI	IV	23	GLASS	WINDOW	1ST-3RD C	GL382	
G	VI	IV	23	SAMIAN		AD 150-60		235
G	VI	IV	23	SAMIAN	OTHER	PRE FLAVIAN?		
G	VI	IV	23	SAMIAN	OTHER	1ST		
G	VI	IV	23	SAMIAN	OTHER	ANTONINE		

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G	VI	IV	23	SAMIAN	OTHER	LATE ANTONINE		
G	VI	IV	33	SAMIAN	OTHER	NERONIAN/EARLY FLAV		
G	VI	V	5	MORTARIA	M22	AD 180-240		
G	VI	V	5	MORTARIA	M23 (M11)	AD 180-240		
G	VI	V	5	MORTARIA	M22	C AD 100+		
G	VI	V	5	MORTARIA	M23 (M11)	AD 180-240		37
G	VI	V	5	MORTARIA	M22 STAMP	AD 140-185		18/S10
G	VI	V	5	SAMIAN	OTHER	ANTONINE		
G	VI	V	5	SAMIAN	OTHER	MID-LATE ANTONINE		
G	VI	V	6	SAMIAN	OTHER	AD 125-140		
G	VI	V	6	SAMIAN	OTHER	MID-LATE ANTONINE		
G	VI	V	6	SAMIAN	OTHER	AD 150-200		
G	VI	V	14	SAMIAN	OTHER	AD 75-85		
G	VI	V	32	SAMIAN	OTHER	FLAVIAN		
G	VI	V	32	SAMIAN	OTHER	AD 100-150		
G	VI	V	100	BONE	PIN	AD 200-410	B093	35
G	VI	V	100	SAMIAN	STAMP	ANTONINE		80
G	VI	V	100	SAMIAN	OTHER	AD 110-125		
G	VI	V	100	SAMIAN	OTHER	HADRIANIC/ANTONINE		
G	VI	V	100	SAMIAN	OTHER	EARLY-MID-ANTONINE		
G	VI	V	100	SAMIAN	OTHER	ANTONINE		
G	VI	V	100	SAMIAN	OTHER	MID-LATE ANTONINE		
G	VI	V	103	SAMIAN	OTHER	PRE-FLAVIAN?		
G	VI?	IA	7	SAMIAN	OTHER	FLAVIAN-TRAJANIC		
G	VI?	IA	7	SAMIAN	OTHER	HADRIANIC?		
G	VI?	IA	7	SAMIAN	OTHER	ANTONINE		
G	VI?	IA	7	SAMIAN	OTHER	MID-LATE ANTONINE		
G	VI?	IA	17	MORTARIA	M71	AD 240+		
G	VI?	IA	17	SAMIAN	OTHER	LATE HADRIANIC/ANT		
G	VI?	IA	17	SAMIAN	OTHER	ANTONINE?		
G	VI?	IA	17	SAMIAN	OTHER	MID-LATE ANTONINE		
G	VI?	V	107	SAMIAN	OTHER	NERONIAN/EARLY FLAV		
G	VII	I	73	MORTARIA	M26	2ND C		
G	VII	I	73	MORTARIA	M26	2ND C		
G	VII	I	75	SAMIAN	OTHER	NERONIAN/EARLY FLAV		
G	VII	I	75	SAMIAN	OTHER	LATE HADRIANIC/ANT		
G	VII	I	84	GLASS	FRAGMENT(S)	LATE 1ST - EARLY 2ND	GL170	
G	VII	I	84	SAMIAN	OTHER	AD 75-95		
G	VII	I	84	SAMIAN	OTHER	FLAVIAN/TRAJANIC		
G	VII	I	84	SAMIAN	OTHER	1ST		
G	VII	I	84	SAMIAN	OTHER	TRAJANIC/HADRIANIC		
G	VII+	IA	13	SAMIAN	OTHER	FLAVIAN?		
G	VII+	IA	13	SAMIAN	OTHER	FLAVIAN/TRAJANIC		
G	VII+	IA	13	SAMIAN	OTHER	ANTONINE?		
G	VII-IX	I	79	SAMIAN	OTHER	NERONIAN/VESPASIANIC		
G	VII-IX	I	98	MORTARIA	M45	FLAVIAN?		
G	VIII	I	12	COIN	VALENS	AD 367-75	C0255	409
G	VIII	I	12	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL149	
G	VIII	I	12	SAMIAN	OTHER	FLAVIAN-TRAJANIC		
G	VIII	I	12	SAMIAN	OTHER	ANTONINE		
G	VIII	I	48	SAMIAN	OTHER	ANTONINE		
G	VIII	I	66	SAMIAN		AD 130-150		210
G	VIII	V	15	GLASS	UNGUENT BOTTLE	LATE 1ST - LATE 2ND	GL419	21
G	VIII	V	15	SAMIAN	OTHER	FLAVIAN		
G	VIII	V	15	SAMIAN	OTHER	ANTONINE		
G	VIII/IX	I	29	SAMIAN	OTHER	1ST		
G	VIII/IX	I	29	SAMIAN	OTHER	HADRIANIC/ANTONINE		
G	VIII+	IA	53	SAMIAN		AD 100-125		220
G	IX	I	7	COIN	CARACIUS	AD 287-90	C0189	164
G	IX	I	7	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL154	
G	IX	I	7	SAMIAN		AD 160-190		202

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S	IX	1	7	SAMIAN	OTHER	MID/LATE ANTONINE		
G	IX	1	7	SAMIAN	OTHER	ANTONINE		
G	IX	1	7	SAMIAN	OTHER	LATE 2ND-3RD		
G	IX	1	7A	SAMIAN	OTHER	ANTONINE		
G	IX	1	7A	SAMIAN	OTHER	MID/LATE ANTONINE		
G	IX	1	14	SAMIAN	OTHER	PRE-FLAVIAN?		
G	IX	1	14	SAMIAN	OTHER	ANTONINE?		
G	IX	1	35	SAMIAN	OTHER	FLAVIAN?		
G	IX	1	35	SAMIAN	OTHER	TRAJANIC/HADRIANIC		
G	IX	1	35	SAMIAN	OTHER	HADRIANIC/ANTONINE		
G	IX	1	35	SAMIAN	OTHER	AFTER AD 170		
G	IX	1	54	SAMIAN	OTHER	MID-LATE ANTONINE		
G	IX	1	54	SAMIAN	OTHER	ANTONINE		
C	IX	1	55	SAMIAN	OTHER	ANTONINE		
C	IX	1	58	GLASS	BOWL	1ST C	GL167	1
C	IX	1	59	SAMIAN	OTHER	ANTONINE		
G	IX	1	63	SAMIAN	OTHER	ANTONINE		
C	IX	1A	2	COIN	'CONSTANTINE I'	AD 341-6	CO193	234
C	IX	1A	2	COIN	HOUSE OF CONSTANTINE	AD 330-46	CO197	374
G	IX	1A	2	SAMIAN		AD 160-90		220
G	IX	1A	2	SAMIAN	OTHER	NERONIAN-FLAVIAN		
C	IX	1A	2	SAMIAN	OTHER	FLAVIAN		
C	IX	1A	2	SAMIAN	OTHER	HADRIANIC/ANTONINE		
G	IX	1A	2	SAMIAN	OTHER	ANTONINE		
G	IX	1A	2	SAMIAN	OTHER	AD 160-195		
G	IX	1A	6	BONE	PIN	AD 50-250	B049	15
G	IX	1A	6	COIN	'CLAUDIUS I'	AD 41+	CO208	11
C	IX	1A	6	MORTARIA	M12	FLAVIAN		3
C	IX	1A	49	SAMIAN	STAMP	AD 50-65		55
G	IX	1A	49	SAMIAN	OTHER	EARLY-MID-ANTONINE		
G	IX+	1	24	MORTARIA	M22	AD 100+		
G	IX+	1	24	MORTARIA	M23	AD 100+		
C	IX+	1	24	MORTARIA	M22	AD 100+		
C	IX+	1	24	MORTARIA	M23	AD 100+		
C	IX+	1	24	SAMIAN		LATE 2ND/3RD C		205
C	IX+	1	24	SAMIAN	OTHER	ANTONINE		
C	IX+	1	24	SAMIAN	OTHER	LATE 2ND		
C	IX X	1	25	MORTARIA	M26	2ND C		
C	IX X	1	25	MORTARIA	M26	2ND C		
C	IX X	1	25	SAMIAN	OTHER	ANTONINE		
C	IX X	1	25	SAMIAN	OTHER	LATE 2ND/3RD		
C	IX X	1A	8	COIN	'TETRICUS II CAESAR'	AD 273+	CO443	137
C	X	1	6A	SAMIAN		AD 125-45		201
C	X	1	6A	MORTARIA	M23	AD 100+		
C	X	1	6A	MORTARIA	M23	AD 100+		
C	X	1	6A	SAMIAN	OTHER	HADRIANIC?		
C	X	1	6A	SAMIAN	OTHER	ANTONINE		
C	X	1	6A	SAMIAN	OTHER	LATE ANTONINE		
C	X	1A	7B	SAMIAN	OTHER	ANTONINE		
C	X	1A	20	SAMIAN	OTHER	ANTONINE		
C	X	1A	21	SAMIAN	OTHER	ANTONINE		
C	X	11	7	MORTARIA	M71 (C100)	AD 240-400		
C	X	11	7	MORTARIA	M71 (C100)	AD 240-400		
C	X	11	7	SAMIAN	OTHER	ANTONINE		
C	X	11	7	SAMIAN	OTHER	LATE 2ND/EARLY 3RD		
C	X	111	2	COIN	CONSTANTINE I	AD 310	CO335	174
C	X	112	2	SAMIAN	OTHER	ANTONINE		
C	X	113	2	COIN	HOUSE OF CONSTANTINE	AD 320-48	CO373	375
C	X	V	20	SAMIAN	OTHER	PRE-FLAVIAN		
C	X	V	20	SAMIAN	OTHER	LATE ANTONINE		
C	X	V	20	SAMIAN	OTHER	2ND?		
C	X	V	20	SAMIAN	OTHER	FLAVIAN-TRAJANIC		

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Site	Phase	Trench	Context	Material	Type/fabric	Object date	Find no	Cat no
H	II	I	5	SAMIAN		AD 70-90		241
H	II	I	5	SAMIAN		AD 70-90		242
H	II	I	5	SAMIAN	OTHER	FLAVIAN		
H	II	I	7	SAMIAN	OTHER	NERONIAN/EARLY FLAV		
H	II	I	9	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL133	
H	II	I	9	SAMIAN	OTHER	NERONIAN/EARLY FLAV		
H	II	I	13	SAMIAN	OTHER	AD 75-85		
H	II	I	13	SAMIAN	OTHER	FLAVIAN-TRAJANIC		
H	II	I	19	SAMIAN		AD 70-90		244
H	II	II	33	SAMIAN	OTHER	FLAVIAN		
H	II	II	33	SAMIAN	OTHER	1ST		
H	II	II	49A	COIN	'CLAUDIUS I'	AD 41+	CO261	12
H	II	II	49	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL164	
H	II	II	49	SAMIAN	OTHER	NERONIAN/EARLY FLAV		
H	II	II	49	SAMIAN	OTHER	FLAVIAN-TRAJANIC		
H	II	II	49D	SAMIAN	OTHER	FLAVIAN-TRAJANIC		
H	II	II	63	SAMIAN	OTHER	EARLY FLAVIAN		
H	II	II	72	SAMIAN	OTHER	ANTONINE		
H	II	II	74	MORTARIA	M22	2ND C		
H	II	II	74	MORTARIA	M26	2ND C		
H	II	II	74	MORTARIA	M22	2ND C		
H	II	II	74	MORTARIA	M26	2ND C		
H	II	II	74	SAMIAN		AD 135-70		247
H	II	II	74A	SAMIAN		AD 150-180		248
H	II	II	74	SAMIAN	STAMP	FLAVIAN		85
H	II	II	74	SAMIAN	OTHER	FLAVIAN		
H	II	II	74	SAMIAN	OTHER	HADRIANIC-ANTONINE		
H	II	II	74A	SAMIAN	OTHER	NERONIAN/EARLY FLAV		
H	II	II	75	SAMIAN	STAMP	AD 55-75		49
H	II	II	78	SAMIAN	OTHER	1ST		
H	II	II	80	SAMIAN	OTHER	FLAVIAN?		
H	II	II	80	SAMIAN	OTHER	HADRIANIC-ANTONINE		
H	II	II	88	MORTARIA	M12	AD 70-100?		2
H	III	II	3	MORTARIA	M45	1ST HALF OF 2ND C		
H	III	II	3	MORTARIA	M45	1ST HALF OF 2ND C		53
H	III	II	3 & 4	SAMIAN	OTHER	LATE 2ND/3RD		
H	III	II	4	SAMIAN	OTHER	ANTONINE		
H	III	II	4	SAMIAN	OTHER	MID/LATE ANTONINE		
H	III	II	4A	SAMIAN	OTHER	FLAVIAN		
H	III	II	5	SAMIAN		AD 135-70		245
H	III	II	5	SAMIAN	OTHER	LATE NERONIAN/E FLAV		
H	III	II	5	SAMIAN	OTHER	1ST		
H	III	II	6B	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL180	
H	III	II	6A	MORTARIA	M22	2ND C		
H	III	II	6A	MORTARIA	M22	2ND C		
H	III	II	6A	SAMIAN		AD 150-80		246
H	III	II	6A	SAMIAN	OTHER	FLAVIAN?		
H	III	II	6A	SAMIAN	OTHER	TRAJANIC		
H	III	II	6A	SAMIAN	OTHER	HADRIANIC-ANTONINE		
H	III	II	59A	SAMIAN	OTHER	HADRIANIC		
H	III	II	73A	MORTARIA	M26	2ND C?		
H	III	II	73A	MORTARIA	M26	2ND C?		
H	III	II	91	SAMIAN	STAMP	AD 160-90		26
H	III	II	91	SAMIAN	OTHER	AD 75-90		
J	VIII	I	11	BROOCH		LATE 1ST/2ND C	CA 437	17
J	VIII	I	11	BROOCH	AUCISSA-HOD HILL	MID-1ST	CA433	65
J	VIII	I	49A	COIN	DOBUNVI AR	c AD 10-40	CO488	2
L	I	I	14	SAMIAN	OTHER	ANTONINE		
L	I	IIII	4	SAMIAN	OTHER	HADRIANIC/ANTONINE		
L	I	IIII	4	SAMIAN	OTHER	MID-LATE ANTONINE		
L	II	I	16	SAMIAN	OTHER	ANTONINE		
L	II	III	11	SAMIAN	OTHER	1ST		

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Site	Phase	Trench	Context	Material	Type/fabric	Object date	Find no	Cat no
L	II	III	11	SAMIAN	OTHER	HADRIANIC		
L	II	III	11	SAMIAN	OTHER	ANTONINE		
L	II	III	11	SAMIAN	OTHER	AD 170-200?		
L	II	III	14	SAMIAN	OTHER	FLAVIAN?		
L	II	III	14	SAMIAN	OTHER	FLAVIAN-TRAJANIC		
L	II	III	14	SAMIAN	OTHER	ANTONINE?		
L	II	III	14	SAMIAN	OTHER	2ND		
L	II	XI	18	SAMIAN	OTHER	NERONIAN/EARLY FLAV		
L	II	XI	18	SAMIAN	OTHER	FLAVIAN		
L	II	XIII	3	SAMIAN	OTHER	NERONIAN/EARLY FLAV		
L	III	I	2	SAMIAN	OTHER	ANTONINE		
L	III	I	4	SAMIAN	OTHER	EARLY-MID ANTONINE		
L	III	I	4	SAMIAN	OTHER	ANTONINE		
L	III	III	9	SAMIAN	OTHER	LATE NERONIAN/E FLAV		
L	III	XI	9	SAMIAN	OTHER	LATE ANTONINE		
L	III	XI	13	COIN	HOUSE OF CONSTANTINE	AD 335-341	483	377
L	IV	III	10	SAMIAN	STAMP	AD 175-200		57
L	IV	III	10	SAMIAN	OTHER	HADRIANIC-ANTONINE		
L	IV	III	10	SAMIAN	OTHER	MID-LATE ANTONINE		
L	IV	VIII	3	SAMIAN		AD 160-90		253
L	IV	VIII	49	COIN	LUCIUS VERUS	AD 161-9	484	67
L	IV	VIII	49	COIN	CONSTANTINE I	AD 332-333	485	220
M	I	III	15	SAMIAN	OTHER	ANTONINE		
M	I	III	15	SAMIAN	OTHER	ANTONINE		
M	I	III	15	SAMIAN	OTHER	MID-LATE ANTONINE		
M	I	III	16	SAMIAN	OTHER	ANTONINE		
M	I	III	17	MORTARIA	M22	AD 180-240		
M	I	III	17	MORTARIA	M23 (M11)	AD 180-240		
M	I	III	17	MORTARIA	M22	C AD 100+		
M	I	III	17	SAMIAN	STAMP	ANTONINE		72
M	I	III	17	SAMIAN	OTHER	MID-LATE ANTONINE		
M	I	III	17	SAMIAN	OTHER	MID-LATE ANTONINE		
M	I	III	17	SAMIAN	OTHER	ANTONINE		
M	I	III	18	SAMIAN	OTHER	EARLY ANTONINE		
M	I	III	18	SAMIAN	OTHER	HADRIANIC/E ANTONINE		
M	I	III	23	SAMIAN	OTHER	HADRIANIC-ANTONINE		
M	I	III	23	SAMIAN	OTHER	MID-LATE ANTONINE		
M	I	III	23	SAMIAN	OTHER	HADRIANIC/E ANTONINE		
M	I	III	23	SAMIAN	OTHER	ANTONINE		
M	I	III	32	BROOCH	PLATE	2ND C?	CA536	76
M	II	I	21	SAMIAN	OTHER	ANTONINE		
M	II	I	21	SAMIAN	OTHER	ANTONINE		
M	II	III	6B	BRONZE	PIN	EARLY 2ND/3RD C	CA507	44
M	II	III	6B	MORTARIA	M22	AD 100+		
M	II	III	6B	MORTARIA	M22	AD 100+		
M	II	III	6B	SAMIAN	OTHER	MID-LATE ANTONINE		
M	II	III	6B	SAMIAN	OTHER	LATE 2ND/3RD		
M	II	III	14	BROOCH	DRAHTFIBEL COPY	PRE-CONQUEST?	FE400	42
M	II	III	14	SAMIAN	OTHER	HADRIANIC/E ANTONINE		
M	II	III	14	SAMIAN	OTHER	ANTONINE		
M	II	III	14	SAMIAN	OTHER	AD 150-180?		
M	II	III	14	SAMIAN	OTHER	FLAVIAN/TRAJANIC		
M	II	III	14	SAMIAN	OTHER	TRAJANIC		
M	II	III	14	SAMIAN	OTHER	ANTONINE		
M	II	III	14	SAMIAN	OTHER	LATE ANTONINE		
M	III	I	12	GLASS	FRAGMENT(S)	LATE 1ST - LATE 2ND	GL30	
M	III	III	13	BROOCH	TRUMPET	1ST C - AD 175	CA503	59
M	IV	III	3	MORTARIA	M23 (M21)	AD 240-300		
M	IV	III	3	MORTARIA	M23 (M21)	AD 240-300		
M	IV	III	3	SAMIAN		AD 150-80		258
M	IV	III	3	SAMIAN		AD 165-200		259
M	IV	III	3	SAMIAN	OTHER	MID-LATE ANTONINE		

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Site	Phase	Trench	Context	Material	Type/fabric	Object date	Find no	Cat no
M	IV	III	3	SAMIAN	OTHER	ANTONINE OR LATER		
M	IV	III	3	SAMIAN	OTHER	ANTONINE		
M	IV	III	3	SAMIAN	OTHER	LATE 2ND/3RD		

Metal artefacts

Coins

Richard Brickstock and P J Casey

The following abbreviations are used throughout this catalogue:

Mints

AM	Amiens	LG	Lyons
AQ	Aquileia	LN	London
AR	Arles	ME	Milan
CL	Cologne	RM	Rome
CO	Colchester	SS	Siscia
DO	Dobunni	TR	Trier

Denominations (denom:)

ANT	Antoninianus	DP	Dupondius
AS	As	FOLL	Follis
AUREL	Aurelianus	SEST	Sestertius
DEN	Denarius [pl = plated]	QUIN	Quinarius

Catalogue (cat:) [Numbers refer to RIC unless otherwise stated. Julian-Claudian references are to RIC.1.2nd ed.]

- RIC The Roman Imperial Coinage, volumes 1-9, ed H. Mattingly, E. A. Sydenham, C. H. V. Sutherland, R. A. G. Carson. (1926-1981)
- CK Late Roman Bronze Coinage, Part II, by R. A. G. Carson and J. P. C. Kent, 1960.
- E Die Munzprägung der Gallischen Kaiser in Köln, Trier und Mailand, by G. Elmer, 1941.
- HK Late Roman Bronze Coinage, Part I, by P. V. Hill and J. P. C. Kent, 1960.
- M The Coinage of Ancient Britain, by R. P. Mack, 3rd ed., London 1975.
- A. D. Allen's typology, Ch.5 in Bagendon: A Belgic Oppidum, by E. M. Clifford, Cambridge, 1961.
- VA Celtic Coinage in Britain, by R.D. Van Arsdell, London, 1989.

A copy or counterfeit of a particular ruler/issuer is denoted by single quotation marks, eg 'CLAUDIUS II', and by the use of a lower case 'c' in the catalogue reference, e.g. c.of 261 = a copy of RIC 261. The use of the word 'of' indicates that a precise catalogue reference has been obtained; 'as' is used, for both official issues and copies, to denote an incompletely catalogued coin. Claudian copies are graded [eg G3, grade 3] according to C. H. V. Sutherland, Romano-British Imitations of Bronze Coins, American Numismatic Society Notes and Monographs, no 65.

Where recorded, the condition (wear:) of both the obverse and reverse is denoted by the following abbreviations:

UW	Unworn	EW	Extremely worn
SW	Slightly worn	C	Corroded
W	Worn	NSU	Not struck up
VW	Very worn		

Where recorded, the flan diameter (dian:) is given in millimetres (mm) and the weight (wt:) in grams (g).

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Table M9 Coin list by issuer and period

No.	Ruler	denom:	AR	Obv	Head r.
1	DOBUNNI AR date: c.20BC-AD10 mint: DO diam: 13.5 mm wt: 1.0 g	cat: M382,A.F,VA 1078-1	wear: 7W/W	Rev	Triple-tailed horse to l.
2	DOBUNNI AR, 2 frags, copy? date: c.10BC-AD40 mint: DO diam: 15.0 mm wt: 0.8 g	cat: M389,A.H,VA 1110-1	wear: W/7SW	Rev	EISV above and below triple-tailed horse to l., pellets
3	DUBONNI AR date: c.AD10-40 mint: DO diam: 13.5 mm wt: 1.0 g	cat: M389,A.H,VA 1110-1	wear: SW/SW	Rev	EISV above and below triple-tailed horse to l., pellets
4	DOBUNNI PLATED COPY CORE date: c.AD10-40 mint: DO diam: 14.0 mm wt: 0.9 g	cat: M389,A.H,VA 1110-1	wear: 7SW/SW	Rev	EISV above and below triple-tailed horse to l., pellets
5	DOBUNNI AR, 2 frags. date: c.AD30-50 mint: DO diam: 10.5 mm wt: 0.2 g	cat: M384,A.J,VA 1137-1	wear: C/C	Rev	Triple-tailed horse to r.
6	TIBERIUS date: 14-37 mint: LG diam: 19.5 mm wt: 3.6 g	cat: 30	wear: W/W	Obv	TI CAESAR DIVI AVG P AVGVSTVS Rev PONTIF MAXIM SC
7	CLAUDIUS I date: 41-50 mint: RM diam: 28.5 mm wt: 7.0 g	cat: 100	wear: W/W	Obv	TI CLAVDIVS CAESAR AVG PM TRP IMP Rev Minerva SC
8	CLAUDIUS I date: 41-50 mint: RM diam: 28.0 mm wt: 10.0 g	cat: 92	wear: C/C	Obv	ANTONIA AVGVSTA Rev TI CLAVDIVS CAESAR AVG PM TRP IMP SC
9	'CLAUDIUS I' date: 41+ mint: - diam: 28.5 mm wt: 6.9 g	cat: c.G1 of 100	wear: 7W/W	Obv	TI CLAVDIVS CAESAR AVG PM TRP IMP Rev Minerva SC
10	'CLAUDIUS I' date: 41+ mint: - diam: 28.0 mm wt: 7.7 g	cat: c.G1 of 100	wear: VW/C	Obv	TI CLAVDIVS CAESAR AVG PM TRP IMP Rev - [SC]

No.	Site	Area, Trench	Layer	Phase	CO find no
1	ALC65	GIII	1		416
2	ALC65	JI	49a	VIII	488
3	ALC65	GI	105	IV	372
4	ALC65	DII	77	III	468
5	ALC65	GI	1A		456
6	ALC64	AAIIIIn	50	V	65
7	ALC65	GI	123	IV	361
8	ALC65	DI	175	I	397
9	ALC64	AK	26		24
10	ALC65	JII	17a		432

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No. Ruler

- | | | | |
|----|-------------------------------------|------------------|---|
| 11 | 'CLAUDIUS I' | denom: AS | Obv TI CLAVDIVS CAESAR AVG PM TRP IMP |
| | date: 41+ mint: - | cat: c.G1 of 95 | Rev CONSTANTIAE AVGVSTI SC |
| | diam: 26.5 mm wt: 9.2 g wear: VW/W | | |
| 12 | 'CLAUDIUS I' | denom: DP | Obv [TI CLAVDIVS CAESAR AVG. PM TRP IMP (PP)] |
| | date: 41+ mint: - | cat: c.G2 as 94 | Rev CERES AVGVSTA SC |
| | diam: 26.5 mm wt: 8.3 g wear: VW/VW | | |
| 13 | 'CLAUDIUS I' | denom: AS | Obv [TI CLAVDIVS CAESAR AVG PM TRP IMP] |
| | date: 41+ mint: - | cat: c.G2 of 100 | Rev Minerva SC |
| | diam: 26.0 mm wt: 6.4 g wear: C/C | | |
| 14 | 'CLAUDIUS I' | denom: AS | Obv TI CLAVDIVS CAESAR AVG PM TRP IMP |
| | date: 41+ mint: - | cat: c.G2 of 100 | Rev Minerva SC |
| | diam: 26.5 mm wt: 6.9 g wear: VW/W | | |
| 15 | 'CLAUDIUS I' | denom: AS | Obv TI CLAVDIVS CAESAR AVG PM TRP IMP((PP)) |
| | date: 41+ mint: - | cat: c.G3 as 100 | Rev Minerva SC |
| | diam: 25.0 mm wt: 5.5 g wear: ?W/W | | |
| 16 | 'CLAUDIUS I' | denom: AS | Obv [TI CLAVDIVS CAESAR AVG PM TRP IMP (PP)] |
| | date: 41+ mint: - | cat: c.G3 as 100 | Rev Minerva [SC] |
| | diam: 24.5 mm wt: 5.3 g wear: C/C | | |
| 17 | 'CLAUDIUS I' | denom: AS | Obv TI CLAVDIVS CAESAR AVG PM TRP IMP |
| | date: 41+ mint: - | cat: c.G3 of 100 | Rev Minerva SC |
| | diam: 24.0 mm wt: 4.8 g wear: ?W/W | | |
| 18 | 'CLAUDIUS I' | denom: AS | Obv TI CLAVDIVS CAESAR AVG PM TRP IMP |
| | date: 41+ mint: - | cat: c.G3 of 95 | Rev CONSTANTIAE AVGVSTI SC |
| | diam: 25.5 mm wt: 5.5 g wear: C/C | | |
| 19 | 'CLAUDIUS I' | denom: AS | Obv [TI CLAVDIVS CAESAR AVG PM TRP IMP (PP)] |
| | date: 41+ mint: - | cat: c.G4 as 100 | Rev Minerva SC |
| | diam: 23.5 mm wt: 5.6 g wear: C/C | | |
| 20 | 'CLAUDIUS I' | denom: AS | Obv TI CLAVDIVS CAESAR AVG PM TRP IMP PP |
| | date: 50+ mint: - | cat: c.G2 of 116 | Rev Minerva SC |
| | diam: 27.0 mm wt: 7.2 g wear: W/W | | |

No.	Site	Area, Trench	Layer	Phase	CO find no
11	ALC65	GIA	6		208
12	ALC65	HII	49A	IX	261
13	ALC65	GIA	90	IV	444
14	ALC64	AAIn	48	I	71
15	ALC65	EI	55	II	440
16	ALC65	AXVIA	4		179
17	ALC65	DI	175	I	419
18	ALC64	CVIII	2		100
19	ALC65	GI	123	IV	362
20	ALC65	DI	176		405

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No. Ruler				
21	NERO	denom: DEN	Obv NERO-CAESAR AVG IMP	
	date: 56-57 mint: RM	cat: 12	Rev PONTIF MAX TRP III PP around	
	diam: 20.0 mm wt: 3.3 g	wear: W/W	wreath enclosing EX SC	
22	GALBA	denom: DEN	Obv IMP SER GALBA AVG	
	date: 68-69 mint: RM	cat: 168/170	Rev SPQR/OB/CS in oak wreath	
	diam: 18.0 mm wt: 3.2 g	wear: W/W		
23	VESPASIAN	denom: AS	Obv -	
	date: 69-79 mint: -	cat: -	Rev - [SC]	
	diam: 26.5 mm wt: 8.3 g	wear: 7W/W		
24	VESPASIAN	denom: AS	Obv -	
	date: 69-79 mint: -	cat: -	Rev - [SC]	
	diam: 27.5 mm wt: 8.5 g	wear: 7W/W		
25	VESPASIAN	denom: AS	Obv -	
	date: 69-79 mint: -	cat: -	Rev - [SC]	
	diam: 28.5 mm wt: 9.0 g	wear: VW/VW		
26	VESPASIAN	denom: DP	Obv IMP CAESAR VESPASIAN AVG COS III	
	date: 71 mint: RM	cat: 475	Rev PAX AVG SC	
	diam: 28.0 mm wt: 12.2 g	wear: SW/SW		
27	VESPASIAN	denom: AS	Obv IMP CAES VESPASIAN AVG COS..	
	date: 71-78 mint: RM	cat: as 482	Rev AEQVITAS AVGVSTI SC	
	diam: 28.5 mm wt: 9.4 g	wear: W/W		
28	VESPASIAN	denom: DP	Obv IMP CAESAR VESPASIAN AVG COS IIIII	
	date: 72-73 mint: LG	cat: 740	Rev PAX AVG SC	
	diam: 28.0 mm wt: 11.4 g	wear: W/W		
29	VESPASIAN	denom: DP	Obv IMP CAESAR VESPASIAN AVG COS IIIII	
	date: 72-73 mint: RM	cat: 74	Rev SECVRITAS AVGVSTI SC	
	diam: 27.5 mm wt: 12.1 g	wear: VW/EW		
30	DOMITIAN	denom: AS	Obv -	
	date: 81-96 mint: RM	cat: -	Rev - [SC]	
	diam: 27.0 mm wt: 7.7 g	wear: ?SW/C		

No.	Site	Area,Trench	Layer	Phase	CO find no
21	ALC65	DI	176		418
22	ALC65	PIV	8	III	374
23	ALC65	EII	31	VI	436
24	ALC65	EI	19	III	271
25	ALC65	EVI	3	VI	252
26	ALC65	GI	89	IV	274
27	ALC65	DXI	15	VIII	478
28	ALC65	DI	110		438
29	ALC65	ETV	1		201
30	ALC65	EII	20		434

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No. Ruler

31	DOMITIAN	denom: DEN	Obv IMP CAES DOMIT AVG GERM PM TRP XII
	date: 92-93 mint: RM	cat: 171	Rev IMP XXII COS XVI CENS PPP
	diam: 19.0 mm wt: 2.7 g wear: SW/SW		
32	DOMITIAN	denom: DEN	Obv IMP CAES DOMIT AVG GERM PM TRP XIII
	date: 93-94 mint: RM	cat: 176	Rev IMP XXII COS XVI CENS PPP
	diam: 18.0 mm wt: 2.0 g wear: SW/SW		
33	DOMITIAN	denom: DEN	Obv IMP CAES DOMIT AVG GERM PM TRP XIII
	date: 95 mint: RM	cat: 187var.	Rev IMP XXII COS XVII CENS PPP
	diam: 18.5 mm wt: 3.0 g wear: W/W		
34	DOMITIAN	denom: DP	Obv IMP CAES DOMIT AVG GERM COS XVII CENS PER
	date: 95-96 mint: RM	cat: 421	PP
	diam: 28.0 mm wt: 12.4 g wear: UW/UW		Rev VIRTVTI AVGVSTI SC
35	'DOMITIAN'	denom: DENpl	Obv IMP CAES DOMITIANVS AVG PM
	date: 81+ mint: RM	cat: c.of 40	Rev IVPPITER CONSERVATOR
	diam: 17.0 mm wt: 2.4 g wear: W/W		
36	FLAVIAN?	denom: AS	Obv -
	date: 69-96? mint: -	cat: -	Rev - [SC]
	diam: 26.5 mm wt: 8.1 g wear: C/C		
37	NERVA	denom: AS	Obv -
	date: 96-98 mint: RM	cat: -	Rev - [SC]
	diam: 27.0 mm wt: 9.3 g wear: VW/VW		
38	NERVA	denom: AS	Obv -
	date: 96-98 mint: RM	cat: as 60	Rev PORTVNA AVGVST SC
	diam: 26.5 mm wt: 8.6 g wear: C/C		
39	NERVA	denom: AS	Obv IMP NERVA CAES AVG PM TRP COS II PP
	date: 96-98 mint: RM	cat: as 64	Rev LIBERTAS PVBLICA SC
	diam: 27.0 mm wt: 11.1 g wear: VW/VW		
40	TRAJAN	denom: SEST	Obv -
	date: 98-117 mint: RM	cat: -	Rev - [SC]
	diam: 31.0 mm wt: 21.6 g wear: ?SW/SW		

No.	Site	Area, Trench	Layer	Phase	CO find no
31	ALC65	JII	4		392
32	ALC65	EII	34	V	446
33	ALC65	GIV	15	VI	437
34	ALC65	DI	177		394
35	ALC65	DI	176		403
36	ALC65	GV	26	IV	479
37	ALC65	DI	180	VI	223
38	ALC64	AAIIa	100	I	88
39	ALC65	DI	7	VI	174
40	ALC65	E	0/8		146

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41 TRAJAN	denom: DP	Obv IMP CAES NERVA TRAIAN...
date: 98-117 mint: RM	cat: -	Rev - [BC]
diam: 25.5 mm wt: 7.5 g	wear: VW/EW	
42 TRAJAN	denom: AS	Obv IMP CAES NERVA TRAIAN AVG GERM PM
date: 99-100 mint: RM	cat: 410	Rev TR POT COS III PP SC
diam: 27.5 mm wt: 10.5 g	wear: ?SW/C	
43 TRAJAN	denom: SEST	Obv IMP CAES NERVA TRAIAN AVG GERM DACICVS PM
date: 103 mint: RM	cat: 450	Rev COS V CONGIAR SECVND SC
diam: 34.0 mm wt: 22.3 g	wear: VW/VW	
44 TRAJAN	denom: SEST	Obv IMP CAES NERVAE TRAIANO AVG GERM DAC PM
date: 103-11 mint: RM	cat: 523	TRP COS V PP
diam: 32.5 mm wt: 26.0 g	wear: SW/SW	Rev SPQR OPTIMO PRINCIPI SC
45 TRAJAN	denom: DP	Obv IMP CAES NERVAE TRAIANO AVG GERM DAC PM
date: 112-14 mint: RM	cat: 613	TRP COS VI PP
diam: 27.5 mm wt: 12.7 g	wear: W/W	Rev SPQR OPTIMO PRINCIPI SC in ex. ARAB ADQ
46 TRAJAN	denom: DP	Obv IMP NERVAE TRAIANO AVG DAC PM TRP COS VI
date: 114-17 mint: RM	cat: 641	PP
diam: 27.0 mm wt: 9.4 g	wear: ?W/SW	Rev SPQR OPTIMO PRINCIPI SC in ex. VIA TRAIANA
47 TRAJAN?	denom: AE	Obv -
date: ?98-117 mint: RM	cat: -	Rev - [SC]
diam: 0.0 mm wt: 0.0 g	wear: -	
48 'TRAJAN'	denom: DP	Obv Garbled legends incorporating COS V
date: 103+ mint: -	cat: c.as -	Rev - [SC]
diam: 26.5 mm wt: 11.3 g	wear: W/W	
49 HADRIAN	denom: AS	Obv -
date: 117-38 mint: RM	cat: -	Rev - [SC]
diam: 25.5 mm wt: 8.7 g	wear: W/W	
50 HADRIAN	denom: DP	Obv -
date: 117-38 mint: RM	cat: -	Rev - [SC]
diam: 27.0 mm wt: 9.9 g	wear: VW/VW	

No.	Site	Area, Trench	Layer	Phase	CO find no	
41	ALC64	AAIIs	82	I	79	
42	ALC64	CVIA	21		106	
43	ALC64	CV	U/S		72	
44	ALC64	AAIIs	103	III	83	
45	ALC64	AIXn	45	II	17	
46	ALC64	CII	5		87	
47	ALC65	GIA	98	IV	452	Empty bag, no card. Detail from bag: COIN AE (TRAJAN).
48	ALC65	GV	1		474	
49	ALC64	AAI	74		89	
50	ALC65	DI	206	VI	441	

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No. Ruler		
51 HADRIAN	denom: AS	Obv -
date: 117-38 mint: RM	cat: -	Rev - [SC]
diam: 27.0 mm wt: 6.5 g	wear: ?SW/SW	
52 HADRIAN	denom: AS	Obv -
date: 117-38 mint: RM	cat: -	Rev - [SC]
diam: 25.5 mm wt: 7.9 g	wear: EW/EW	
53 HADRIAN	denom: DEN	Obv IMP CAESAR TRAIAN H-ADRIANVS AVG
date: 119-22 mint: RM	cat: 101	Rev PM TRP COS III
diam: 17.5 mm wt: 3.5 g	wear: UW/SW	
54 HADRIAN	denom: AS	Obv HADRIANVS AVGVSTVS
date: 125-28 mint: RM	cat: 678	Rev SALVS AVGVSTI SC
diam: 26.0 mm wt: 9.2 g	wear: ?SW/SW	
55 HADRIAN	denom: AS	Obv HADRIANVS AVGVSTVS
date: 125-28 mint: RM	cat: 678	Rev SALVS AVGVSTI SC
diam: 27.5 mm wt: 12.5 g	wear: W/W	
56 HADRIAN	denom: SEST	Obv HADRIANVS AVGVSTVS
date: 125-34 mint: RM	cat: as 654	Rev - [SC]
diam: 32.0 mm wt: 23.9 g	wear: VW/VW	
57 HADRIAN	denom: SEST	Obv HADRIANVS AVG COS III PP
date: 134-38 mint: RM	cat: 748	Rev FELICITAS AVG SC
diam: 31.5 mm wt: 28.7 g	wear: W/SW	
58 HADRIAN	denom: SEST	Obv HADRIANVS AVG COS III PP
date: 134-38 mint: RM	cat: 750	Rev FELICITAS AVG SC
diam: 31.0 mm wt: 23.6 g	wear: ?W/W	
59 ANTONINUS PIUS	denom: SEST	Obv -
date: 138-61 mint: RM	cat: -	Rev - [SC]
diam: 33.5 mm wt: 26.0 g	wear: VW/VW	
60 ANTONINUS PIUS	denom: SEST	Obv ANTONINVS AVG PIVS PP TRP COS III
date: 140-44 mint: RM	cat: 642	Rev TIBERIS SC
diam: 33.5 mm wt: 24.9 g	wear: ?W/W	

No.	Site	Area, Trench	Layer	Phase	CO find no
51	ALC65	DI	48	VI	269
52	ALC65	EIII	1		134
53	ALC65	EII	11	VI	265
54	ALC65	EIV	16		299
55	ALC65	FI	28a		431
56	ALC65	GIV	1		285
57	ALC64	CIIIA	33		112
58	ALC64	AAII	7		23
59	ALC65	HII	1		180
60	ALC64	BI	6a		48

No. Ruler

61	FAUSTINA I, POSTH. [PIUS]	denom: AS/DP	Obv DIVA FAVSTINA
	date: 141+ mint: RM	cat: 1162	Rev AETERNITAS SC
	diam: 25.5 mm wt: 9.0 g	wear: ?W/W	
62	FAUSTINA I, POSTH. [PIUS]	denom: SEST	Obv ...FAVSTINA...
	date: 141+ mint: RM	cat: A.Pius -	Rev - [SC]
	diam: 33.5 mm wt: 20.5 g	wear: VW/VW	
63	FAUSTINA I, POSTH. [PIUS]	denom: SEST	Obv DIVA AVGVSTA [FAVSTINA]
	date: 141+ mint: RM	cat: A.Pius 1108	Rev AETERNITAS SC
	diam: 27.5 mm wt: 11.8 g	wear: W/W	
64	FAUSTINA I, POSTH. [PIUS]	denom: DEN	Obv DIVA FAVSTINA
	date: 141+ mint: RM	cat: A.Pius 400	Rev -
	diam: 17.0 mm wt: 2.6 g	wear: ?SW/SW	
65	FAUSTINA II [ANT.PIUS]	denom: AS	Obv FAVSTINA AVG PII AVG FIL
	date: 145-61 mint: RM	cat: A.Pius 1398	Rev IVNO SC
	diam: 25.5 mm wt: 12.7 g	wear: VW/VW	
66	M.AURELIUS, CAESAR	denom: SEST	Obv AVRELIVS CAE-SAR AVG PII FIL
	date: 152-53 mint: RM	cat: A.Pius 1314	Rev TR POT VIII COS II SC
	diam: 28.5 mm wt: 9.9 g	wear: ?SW/SW	
67	LCIUS VERUS	denom: SEST	Obv [...VERVS AVG...]
	date: 161-69 mint: RM	cat: -	Rev - [SC]
	diam: 27.5 mm wt: 20.1 g	wear: EW/EW	
68	'LCIUS VERUS'	denom: SEST	Obv L.VERVS AVG....
	date: 161+ mint: -	cat: c.as -	Rev Salus seated: anomalous type
	diam: 29.0 mm wt: 11.3 g	wear: VW/VW	+ irregular letters = copy
69	FAUSTINA II [M.AURELIUS]	denom: AS	Obv FAVSTINA AVGVSTA
	date: 161-75 mint: RM	cat: M.Aurel.1670	Rev SALVTI AVGVSTAE SC
	diam: 25.0 mm wt: 10.0 g	wear: VW/EW	
70	FAUSTINA II [M.AURELIUS]	denom: SEST	Obv FAVSTINA AVGVSTA
	date: 161-75 mint: RM	cat: M.Aurelius 1667	Rev SALVTI AVGVSTAE SC
	diam: 31.5 mm wt: 23.1 g	wear: W/W	

No.	Site	Area, Trench	Layer	Phase	CO find no
61	ALC65	E	0/8		145
62	ALC65	CVIe	23	VIII	173
63	ALC65	DII	14		290
64	ALC65	EV	2		360
65	ALC64	AIX	24		15
66	ALC65	JII	2		389
67	ALC65	LVIII	49	IV	484
68	ALC64	AAIII	3		39
69	ALC65	DI	25	VIII	187
70	ALC65	GIII	1		420

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No. Ruler

71	COMMODUS, CAESAR	denom: SEST	Obv -
	date: 172-79 mint: RM	cat: -	Rev - (8C)
	diam: 29.0 mm wt: 18.4 g wear: VW/VW		
72	COMMODUS	denom: SEST	Obv M COMMOD ANT P FELIX AVG BRIT PP
	date: 190 mint: RM	cat: 561	Rev GEN AVG FELIC PM TRP XV IMP VIII COS VI
	diam: 28.5 mm wt: 15.9 g wear: VW/VW		SC
73	CARACALLA	denom: DEN	Obv ANTONINVS PIVS AVG
	date: 203 mint: RM	cat: 69	Rev FONT TRP VI COS
	diam: 19.5 mm wt: 2.7 g wear: SW/SW		
74	CARACALLA	denom: DEN	Obv ANTONINVS PIVS AVG
	date: 206 mint: RM	cat: 83	Rev PONTIF TRP VIIII COS
	diam: 18.0 mm wt: 2.6 g wear: W/W		
75	ELAGABALUS	denom: DEN	Obv IMP CAES N AVR ANTONINVS AVG
	date: 218-22 mint: RM	cat: 123	Rev MARS VICTOR
	diam: 19.0 mm wt: 3.3 g wear: SW/SW		
76	JULIA MAESA	denom: DEN	Obv IVLIA MAESA AVG
	date: 218-22 mint: -	cat: Elagabalus 266	Rev PIETAS AVG
	diam: 20.0 mm wt: 2.2 g wear: SW/SW		
77	MAXIMUS CAESAR	denom: AS/DP	Obv MAXIMVS CAES GERM
	date: 236-38 mint: RM	cat: 12b	Rev PIETAS AVG SC
	diam: 22.5 mm wt: 5.7 g wear: W/W		
78	PHILIP II	denom: ANT	Obv -
	date: 247-49 mint: -	cat: -	Rev -
	diam: 18.5 mm wt: 1.6 g wear: 7W/W		
79	VALERIAN I	denom: -	Obv IMPC LIC VALERIANVS AVG
	date: 253-60 mint: RM	cat: 108	Rev PAX AVGG
	diam: 21.0 mm wt: 2.6 g wear: SW/SW		
80	GALLIENUS	denom: ANT	Obv -
	date: 253-68 mint: -	cat: -	Rev -
	diam: 19.0 mm wt: 2.6 g wear: C/C		

No.	Site	Area.Trench	Layer	Phase	CO find no
71	ALC65	E	0/S		245
72	ALC65	EII	2		204
73	ALC64	AKVIIA	1		108
74	ALC65	EVII	1		475
75	ALC65	E	0/S		144
76	ALC65	EI	0/S		263
77	ALC65	GII	2		435
78	ALC65	EI	4	KIII	430
79	ALC65	EVIV	2		195
80	ALC65	CVIA	2a		163

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No. Ruler			
81 GALLIENUS	denom: ANT	Obv -	
date: 256-68 mint: -	cat: -	Rev -	
diam: 18.0 mm wt: 2.3 g	wear: SW/C		
82 GALLIENUS	denom: ANT	Obv GALLIENVS AVG	
date: 260-68 mint: -	cat: -	Rev -	
diam: 20.0 mm wt: 1.8 g	wear: SW/C		
83 GALLIENUS	denom: ANT	Obv GALLIENVS AVG	
date: 360-68 mint: -	cat: -	Rev -	
diam: 17.0 mm wt: 2.4 g	wear: C/W		
84 GALLIENUS	denom: ANT	Obv GALLIENVS AVG	
date: 260-68 mint: KE	cat: 492	Rev MARYI PACIFER	
diam: 20.0 mm wt: 1.7 g	wear: TW/W		
85 GALLIENUS	denom: ANT	Obv GALLIENVS AVG	
date: 260-68 mint: RM	cat: 157	Rev ABRVDANTIA AVG	
diam: 17.5 mm wt: 1.8 g	wear: SW/SW		
86 GALLIENUS	denom: ANT	Obv GALLIENVS AVG	
date: 260-68 mint: RJ	cat: 159	Rev AEGVITAE AVG	
diam: 19.5 mm wt: 2.0 g	wear: SW/UW		
87 GALLIENUS	denom: ANT	Obv GALLIENVS AVG	
date: 260-68 mint: RM	cat: 103	Rev FORTUNA REDVE	
diam: 18.5 mm wt: 1.7 g	wear: W/W		
88 GALLIENUS	denom: ANT	Obv GALLIENVS AVG	
date: 260-68 mint: ED	cat: 317	Rev VIRTVS AVG	
diam: 20.0 mm wt: 2.5 g	wear: UW/UW		
89 SALONINA (GALLIENUS SOLE)	denom: ANT	Obv -	
date: 260-68 mint: -	cat: -	Rev -	
diam: 18.5 mm wt: 2.3 g	wear: C/EN		
90 CLAUDIUS II	denom: ANT	Obv -	
date: 268-70 mint: -	cat: -	Rev -	
diam: 18.5 mm wt: 2.3 g	wear: CW/SW		

No.	Site	Area/Trench	Layer	Phase	GD find no
81	ALC65	GIV	1A		578
82	ALC64	ALX	24		14
83	ALC64	CII	U/S		80
84	ALC64	AAII	71		75
85	ALC65	FTI	4		136
86	ALC64	AAVI	2		29
87	ALC64	AAVII	1		35
88	ALC65	DTI	top.		128
89	ALC64	15	10		64
90	ALC65	EV	1		101

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81	CLAUDIUS II	denon: ANT date: 268-70 mint: EM diam: 19.0 mm wt: 1.5 g wear: W/W	cat: 15	Obv IMP CLAVDIVS AVG Rev ANGVITAS AVG
82	CLAUDIUS II	denon: ANT date: 268-70 mint: EM diam: 19.5 mm wt: 1.4 g wear: W/W	cat: 16	Obv IMP CLAVDIVS AVG Rev ANNONA AVG
83	CLAUDIUS II	denon: ANT date: 268-70 mint: EM diam: 19.0 mm wt: 2.7 g wear: W/SB	cat: 67	Obv IMP CLAVDIVS P P AVG Rev PARS VLTOR
84	CLAUDIUS II, POSTUM.	denon: ANT date: 270 mint: - diam: 14.0 mm wt: 0.7 g wear: C/SB	cat: 266	Obv [DIVO CLAVDIO] Rev CONSECratio Eagle
85	CLAUDIUS II, POSTUM.	denon: ANT date: 270 mint: - diam: 19.5 mm wt: 2.3 g wear: A/B	cat: 266	Obv DIVO CLAVDIO Rev CONSECratio Eagle
86	CLAUDIUS II, POSTUM.	denon: ANT date: 270 mint: - diam: 19.0 mm wt: 3.8 g wear: W/W	cat: 266	Obv DIVO CLAVDIO Rev CONSECratio Eagle
87	CLAUDIUS II, POSTUM.	denon: ANT date: 270 mint: ME diam: 19.5 mm wt: 2.1 g wear: SB/SB	cat: 257	Obv DIVO CLAVDIO Rev CONSECratio Altar
88	CLAUDIUS II, POSTUM.	denon: ANT date: 270 mint: ME diam: 14.5 mm wt: 1.7 g wear: SB/SB	cat: 261	Obv DIVO CLAVDIO Rev CONSECratio Altar
89	CLAUDIUS II, POSTUM.	denon: - date: 270 mint: EM diam: 18.0 mm wt: 1.9 g wear: SB/SB	cat: 759	Obv DIVO CLAVDIO Rev CONSECratio Altar
100	CLAUDIUS II, POSTUM.	denon: ANT date: 270+ mint: - diam: 21.0 mm wt: 1.8 g wear: SB/SB	cat: C-88 272	Obv DIVO CLAVDIO Rev FELICITAS AVG

ML	Site	Area	Trench	Layer	Phase	CO find no
81	ALCE	EV10				471
82	ALCE	81			11	27
83	ALCE	81V		11F		448
84	ALCE	81		1A		181
85	ALCE	81		11F		114
86	ALCE	81		1		8
87	ALCE	8		11F		128
88	ALCE	EV11				209
89	ALCE	81V		12	V	482
100	ALCE	8111		1		26

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No. Suler					
101	QUINTILLVS	denom: ANT		Obv IMP CA AVR CL QVINTILLVS AVG	
	date: 270 mint: BM	cat: 13		Rev CONCORDIA AVG	
	diam: 20.5 mm wt: 2.1 g	wear: W/W			
102	POSTVMVS	denom: ANT		Obv -	
	date: 259-60 mint: -	cat: -		Rev -	
	diam: 23.5 mm wt: 3.6 g	wear: W/C			
103	POSTVMVS	denom: ANT		Obv IMPC POSTVMVS PFAVG	
	date: 259-60 mint: CL	cat: 316		Rev ORIENS AVG	
	diam: 20.0 mm wt: 2.2 g	wear: W/W			
104	POSTVMVS	denom: ANT		Obv IMPC POSTVMVS PFAVG	
	date: 261-66 mint: LG	cat: 55		Rev PM TRP COS III PP	
	diam: 21.5 mm wt: 3.2 g	wear: CN/SW			
105	VICTORINVS	denom: ANT		Obv -	
	date: 268-70 mint: -	cat: -		Rev -	
	diam: 19.0 mm wt: 2.0 g	wear: ?SW/SW			
106	VICTORINVS	denom: ANT		Obv IMPC VICTORINVS PFAVG	
	date: 268-70 mint: -	cat: 67		Rev SALVS AVG	
	diam: 22.0 mm wt: 1.6 g	wear: UW/UW			
107	VICTORINVS	denom: ANT		Obv IMPC VICTORINVS PFAVG	
	date: 268-70 mint: -	cat: 73		Rev SPES PVBLICA	
	diam: 20.5 mm wt: 3.7 g	wear: UW/UW			
108	VICTORINVS	denom: ANT		Obv IMPC VICTORINVS PFAVG	
	date: 268-70 mint: -	cat: 77		Rev LAETITIA AVG	
	diam: 17.0 mm wt: 1.4 g	wear: VM/VW			
109	VICTORINVS	denom: ANT		Obv IMPC VICTORINVS PFAVG	
	date: 268-70 mint: -	cat: 78		Rev VIRTVS AVG	
	diam: 17.5 mm wt: 2.0 g	wear: UW/UW			
110	VICTORINVS	denom: ANT		Obv IMPC VICTORINVS PFAVG	
	date: 268-70 mint: -	cat: 78		Rev VIRTVS AVG	
	diam: 19.0 mm wt: 1.3 g	wear: W/W			

No.	Site	Area/Trench	Layer	Phase	CO find no
101	ALC64	AA11a	19	IV	56
102	ALC65	0	top.		130
103	ALC64	AIX	21		10
104	ALC65	GII	1		178
105	ALC64	AA11I	1		33
106	ALC64	AA11I	3		37
107	ALC65	01	47	VI	236
108	ALC65	W111	1		137
109	ALC65	01	top.		126
110	ALC64	A11b	25	VI	11

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No. 111	TETRICUS I	denom: ANT	Obv IMPC TETRICVS PFAVG
	date: 270-72 mint: -	cat: 47	Rev ABUNDANTIA AVG
	diam: 17.5 mm wt: 1.0 g	wear: UN/UN	
No. 112	TETRICUS I	denom: ANT	Obv IMP TETRICVS PFAVG
	date: 270-72 mint: -	cat: 86	Rev LAETITIA AVG
	diam: 18.5 mm wt: 2.3 g	wear: VM/W	
No. 113	TETRICUS I	denom: ANT	Obv IMPC TETRICVS PFAVG
	date: 270-73 mint: -	cat: -	Rev -
	diam: 18.5 mm wt: 2.9 g	wear: SM/SW	
No. 114	TETRICUS I	denom: ANT	Obv IMP TETRICVS PFAVG
	date: 270-73 mint: -	cat: 106	Rev PAX AVGG
	diam: 23.0 mm wt: 1.9 g	wear: W/W	
No. 115	TETRICUS I	denom: ANT	Obv IMPC TETRICVS PFAVG
	date: 270-73 mint: -	cat: 56	Rev COMES AVG
	diam: 17.0 mm wt: 2.7 g	wear: 7W/W	
No. 116	TETRICUS I	denom: ANT	Obv IMP TETRICVS PFAVG
	date: 270-73 mint: -	cat: 88	Rev LAETITIA AVGG
	diam: 17.5 mm wt: 1.6 g	wear: W/W	
No. 117	TETRICUS I	denom: ANT	Obv IMP TETRICVS PFAVG
	date: 270-73 mint: -	cat: 88	Rev LAETITIA AVGG
	diam: 19.0 mm wt: 1.7 g	wear: SM/SW	
No. 118	TETRICUS I	denom: ANT	Obv IMP TETRICVS PFAVG
	date: 270-73 mint: -	cat: 90	Rev LAETITIA AVG N
	diam: 19.0 mm wt: 1.6 g	wear: SM/SW	
No. 119	'TETRICUS I'	denom: ANT	Obv -
	date: 273+ mint: -	cat: c.as -	Rev -
	diam: 14.0 mm wt: 0.7 g	wear: W/W	
No. 120	'TETRICUS I'	denom: ANT	Obv -
	date: 273+ mint: -	cat: c.as -	Rev -
	diam: 19.0 mm wt: 1.7 g	wear: C/C	

No.	Site	Area, Trench	Layer	Phase	CO find no
111	ALCES	EI	1		143
112	ALCES	DI	top.		123
113	ALCES	GII	2		433
114	ALCES	DI	102	VI	258
115	ALCES	EV	1		316
116	ALCES	GIIIA	1		442
117	ALCES	FTV	+		357
118	ALCES	III	1		306
119	ALCES	GIV	12	V	415
120	ALCES	EV	1		344

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No.	Ruler	denom:	Obv -
121	'TETRICUS I' date: 273+ mint: - diam: 17.0 mm wt: 2.0 g wear: C/C	ANT cat: c.as -	Rev -
122	'TETRICUS I' date: 273+ mint: - diam: 17.5 mm wt: 0.8 g wear: C/C	ANT cat: c.as -	Obv - Rev -
123	'TETRICUS I' date: 273+ mint: - diam: 17.5 mm wt: 1.5 g wear: W/W	ANT cat: c.as 254	Obv C PIV ESV TETRICVS CAES Rev PIETAS AVG
124	'TETRICUS I' date: 273+ mint: - diam: 16.0 mm wt: 1.2 g wear: SW/SW	ANT cat: c.of -	Obv - Rev -
125	TETRICUS II, CAESAR date: 270-73 mint: - diam: 17.0 mm wt: 2.2 g wear: SW/W	ANT cat: 224	Obv C PIV ESV TETRICVS CAES Rev CONES AVG
126	TETRICUS II, CAESAR date: 270-73 mint: - diam: 20.5 mm wt: 1.9 g wear: W/W	ANT cat: 270	Obv C PIV ESC TETRICVS CAES Rev SPES AVGG
127	TETRICUS II, CAESAR date: 270-73 mint: - diam: 18.0 mm wt: 1.8 g wear: W/W	ANT cat: 270	Obv C PIV ESV TETRICVS CAES Rev SPES AVGG
128	TETRICUS II, CAESAR date: 270-73 mint: - diam: 21.0 mm wt: 2.3 g wear: W/W	ANT cat: 270	Obv C PIV EVV TETRICVS CAES Rev SPES AVGG
129	TETRICUS II, CAESAR date: 270-73 mint: - diam: 19.0 mm wt: 2.6 g wear: W/W	ANT cat: 270	Obv C PIV ESV TETRICVS CAES Rev SPES AVG
130	TETRICUS II, CAESAR date: 270-73 mint: - diam: 16.0 mm wt: 1.5 g wear: SW/W	ANT cat: 272	Obv C PIV ESV TETRICVS CAES Rev SPES PVBLICA

No.	Site	Area, Trench	Layer	Phase	CO find no
121	ALC64	CII	1		94
122	ALC64	AAII	0/8		80
123	ALC64	AAII	2		67
124	ALC65	E	0/8		222
125	ALC63	DI	47	VI	238
126	ALC64	AAIIIn	29	IV	59
127	ALC63	FI	4		406
128	ALC64	AIa	4	VI	2
129	ALC64	AAIII	9		44
130	ALC64	AAIII	1		31

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No. Ruler					
131	TETRICUS II, CAESAR	denom: ANT	Obv C DIV ESV TETRICVS CAES		
	date: 270-73 mint: -	cat: 272	Rev SPES PVBLICA		
	diam: 17.5 mm wt: 2.0 g	wear: VW/VW			
132	'TETRICUS II, CAESAR'	denom: ANT	Obv -		
	date: 273+ mint: -	cat: c.as -	Rev -		
	diam: 16.0 mm wt: 1.7 g	wear: TW/W			
133	'TETRICUS II, CAESAR'	denom: ANT	Obv -		
	date: 273+ mint: -	cat: c.as -	Rev -		
	diam: 17.0 mm wt: 1.8 g	wear: SW/C			
134	'TETRICUS II, CAESAR'	denom: ANT	Obv -		
	date: 273+ mint: -	cat: c.as -	Rev -		
	diam: 19.0 mm wt: 1.4 g	wear: W/C			
135	'TETRICUS II, CAESAR'	denom: ANT	Obv CIV ESV TETRICVS CAES		
	date: 273+ mint: -	cat: c.as 270	Rev SPES AVGG		
	diam: 20.0 mm wt: 2.2 g	wear: W/W			
136	'TETRICUS II, CAESAR'	denom: ANT	Obv C P TETRICVS CAES		
	date: 273+ mint: -	cat: c.as 271	Rev SPES AVGG		
	diam: 16.0 mm wt: 2.3 g	wear: W/SW			
137	'TETRICUS II, CAESAR'	denom: ANT	Obv -		
	date: 273+ mint: -	cat: c.as 254	Rev PISTAS AVGG		
	diam: 15.5 mm wt: 1.4 g	wear: SW/SW			
138	'TETRICUS II, CAESAR'	denom: ANT	Obv -		
	date: 273+ mint: -	cat: c.as 272	Rev [SPES...]		
	diam: 15.0 mm wt: 0.7 g	wear: ?SW/SW			
139	ILLEGIBLE RADIATE	denom: -	Obv -		
	date: 260-80 mint: -	cat: -	Rev -		
	diam: 16.0 mm wt: 1.1 g	wear: C/W			
140	ILLEGIBLE RADIATE	denom: ANT	Obv -		
	date: 260-80 mint: -	cat: -	Rev -		
	diam: 14.0 mm wt: 1.8 g	wear: TW/W			

No.	Site	Area, Trench	Layer	Phase	CG find no
131	ALC65	FIII	4		125
132	ALC64	AKVIIA	1		111
133	ALC65	CI	6		230
134	ALC65	EV	1		257
135	ALC64	AKVIIa	3		82
136	ALC65	OII	1		166
137	ALC65	GIA	8	IX/X	443
138	ALC64	CVIa	10	IX	105
139	ALC65	KIV	1		180
140	ALC64	AKIII	3		30

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No. Ruler

141 ILLIG.RADIATE, CARAUSIUS? denom: - Obv -
 date: C3rd mint: - cat: - Rev -
 diam: 19.0 mm wt: 2.4 g wear: C/C

142 ILLIGIBLE RADIATE denom: ANT Obv -
 date: C3rd mint: - cat: - Rev -
 diam: 18.5 mm wt: 1.1 g wear: 7SW/C

143 ILLIGIBLE RADIATE denom: ANT Obv -
 date: C3rd mint: - cat: - Rev -
 diam: 12.5 mm wt: 0.5 g wear: C/C

144 RADIATE COPY denom: ANT Obv -
 date: 273+ mint: - cat: c.as - Rev -
 diam: 11.0 mm wt: 0.9 g wear: SW/SW

145 RADIATE COPY denom: ANT Obv -
 date: 273+ mint: - cat: c.as - Rev -
 diam: 17.0 mm wt: 1.6 g wear: SW/C

146 RADIATE COPY denom: ANT Obv -
 date: 273+ mint: - cat: c.as - Rev -
 diam: 11.0 mm wt: 0.5 g wear: SW/SW

147 RADIATE COPY denom: ANT Obv -
 date: 273+ mint: - cat: c.as - Rev -
 diam: 14.0 mm wt: 0.8 g wear: W/W

148 RADIATE COPY denom: ANT Obv -
 date: 273+ mint: - cat: c.as - Rev -
 diam: 16.5 mm wt: 1.2 g wear: W/W

149 RADIATE COPY denom: ANT Obv -
 date: 273+ mint: - cat: c.as - Rev -
 diam: 13.0 mm wt: 0.5 g wear: C/SW

150 RADIATE COPY denom: ANT Obv -
 date: 273+ mint: - cat: c.as - Rev -
 diam: 18.5 mm wt: 1.4 g wear: SW/SW

No.	Site	Area, Trench	Layer	Phase	CO find no
141	ALCS5	GIV	1A		388
142	ALCS4	AIX	24		13
143	ALCS4	AAII	1		21
144	ALCS5	GII	1		260
145	ALCS4	AAII	2		62
146	ALCS5	KIII	5	KIII	171
147	ALCS5	KII	1		141
148	ALCS5	CIV	0/8		165
149	ALCS5	DI	top.		110
150	ALCS5	GIV	35		454

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No. Ruler				
151	RADIATE COPY	denom: ANT	Obv -	
	date: 273+	mint: -	cat: c.as -	Rev -
	diam: 12.5 mm	wt: 0.8 g	wear: SW/W	
152	RADIATE COPY	denom: ANT	Obv -	
	date: 273+	mint: -	cat: c.as -	Rev -
	diam: 12.0 mm	wt: 0.4 g	wear: C/W	
153	RADIATE COPY	denom: ANT	Obv -	
	date: 273+	mint: -	cat: c.as -	Rev -
	diam: 9.5 mm	wt: 0.5 g	wear: W/W	
154	RADIATE COPY	denom: ANT	Obv -	
	date: 273+	mint: -	cat: c.as -	Rev -
	diam: 11.0 mm	wt: 0.4 g	wear: C/C	
155	RADIATE COPY	denom: ANT	Obv -	
	date: 273+	mint: -	cat: c.as -	Rev -
	diam: 14.5 mm	wt: 0.4 g	wear: SW/SW	
156	RADIATE COPY	denom: ANT	Obv -	
	date: 273+	mint: -	cat: c.as -	Rev -
	diam: 12.5 mm	wt: 0.2 g	wear: SW/SW	
157	RADIATE COPY	denom: ANT	Obv -	
	date: 273+	mint: -	cat: c.as Tetricus 254	Rev PIET[AS AVGG]
	diam: 15.5 mm	wt: 1.3 g	wear: SW/SW	
158	RADIATE COPY	denom: ANT	Obv -	
	date: 273+	mint: -	cat: c.as Tetricus 254	Rev [PIETAS...]
	diam: 10.5 mm	wt: 0.6 g	wear: ?W/W	
159	AURELIAN	denom: AUREL	Obv IMP AVRELIANVS AVG	
	date: 370-75	mint: SS	cat: 325	Rev IOVI CONSER mm: */T
	diam: 22.5 mm	wt: 4.2 g	wear: W/W	
160	CARAUSIUS	denom: AUREL	Obv IMP CARAVSIUS PFAVG	
	date: 287-90	mint: -	cat: -	Rev -
	diam: 24.0 mm	wt: 3.1 g	wear: ?W/W	

No.	Site	Area.Trench	Layer	Phase	CO find no
151	ALCS4	AAI	29	IX	45
152	ALCS4	AAI	29	IX	46
153	ALCS4	AAIII	9		49
154	ALCS4	CIV	1		78
155	ALCS5	CIV	1		278
156	ALCS4	BIII	4		34
157	ALCS4	CIII	4a		77
158	ALCS3	JI	1		327
159	ALCS3	CIV	1		347
160	ALCS4	AXIV	2		51

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No.	Ruler	denom:	AUREL	Obv	IMP CARAVSIVS PFAVG
161	CARAUSIUS date: 287-90 mint: - diam: 22.0 mm wt: 3.9 g	cat: 855 wear: SW/SW		Rev	MONETA AVG
162	CARAUSIUS date: 287-90 mint: - diam: 20.5 mm wt: 2.6 g	cat: 880 wear: UW/UW		Rev	PAX AVG
163	CARAUSIUS date: 287-90 mint: - diam: 21.5 mm wt: 2.5 g	cat: 880 wear: SW/SW		Rev	PAX AVG
164	CARAUSIUS date: 287-90 mint: - diam: 19.5 mm wt: 2.9 g	cat: 880 wear: UW/UW		Rev	PAX AVG
165	CARAUSIUS date: 287-90 mint: - diam: 22.0 mm wt: 4.0 g	cat: 880 wear: UW/UW		Rev	PAX AVG
166	CARAUSIUS date: 287-90 mint: LN diam: 22.5 mm wt: 4.0 g	cat: 98 wear: W/SW		Rev	PAX AVG mm: F/O/ML
167	CARAUSIUS date: 287-93 mint: - diam: 23.0 mm wt: 3.3 g	cat: as 893 wear: C/UW		Rev	PAX AVG
168	CARAUSIUS date: 287-93 mint: CO diam: 22.0 mm wt: 4.1 g	cat: Car., Dio., Max. 1 wear: UW/SW		Rev	PAX AVGGG mm: S/P/C
169	CARAUSIUS date: 290-93 mint: - diam: 25.0 mm wt: 4.0 g	cat: 849 wear: UW/UW		Rev	MARTI PACIFER
170	CARAUSIUS date: 290-93 mint: LN diam: 23.5 mm wt: 3.1 g	cat: 98var. wear: W/SW		Rev	PAX AVG mm: S/P/MLJXI

No.	Site	Area, Trench	Layer	Phase	CO find no
161	ALC65	AKVIIb	4		117
162	ALC64	CIII	14		74
163	ALC64	AKVIIb	8	VI	58
164	ALC65	CI	7	IX	189
165	ALC65	GII	2		277
166	ALC65	FI	+		427
167	ALC64	CI	1a		56
168	ALC64	AAI	2		19
169	ALC65	AKVIIb	4		116
170	ALC65	CIII	4	VI	400

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No.	Ruler	denom:	Obv
171	ALLECTVS date: 293-96 mint: CO diam: 20.0 mm wt: 2.6 g	QUIN cat: 128 wear: SW/SW	IMP ALLECTVS PFAVG Rev VIRTVS AVG mm: QC
172	LICINIUS I date: 320 mint: AQ diam: 19.0 mm wt: 1.9 g	- cat: 7AQ50var. wear: W/W	IMP LIC-INIVS AVG Rev VIRTVS EXERCIT
173	CONSTANTINE I date: 310 mint: LN diam: 23.5 mm wt: 3.6 g	FOLL cat: 6LN121a wear: UW/UW	IMP CONSTANTINVS PFAVG Rev SOLI INVICTO COMITI
174	CONSTANTINE I date: 310 mint: LN diam: 26.0 mm wt: 5.3 g	FOLL cat: 6LN122 wear: UW/UW	IMP CONSTANTINVS PFAVG Rev SOLI INVI-CTO COMITI
175	CONSTANTINE I date: 310-12 mint: LN diam: 22.5 mm wt: 3.6 g	FOLL cat: 6LN17 wear: SW/W	CONSTANTINVS PAVG Rev COMITI AVGGNN
176	CONSTANTINE I date: 313-14 mint: LN diam: 21.0 mm wt: 3.0 g	FOLL cat: 7LN10 wear: SW/SW	IMP CONSTANTINVS AVG Rev SOLI INVIC-TO COMITI
177	CONSTANTINE I date: 316 mint: AR diam: 21.5 mm wt: 3.5 g	FOLL cat: 7AR71 wear: ?SW/SW	IMP CONSTANTINVS PFAVG Rev SOLI INV-I-CTO COMITI
178	CONSTANTINE I date: 316 mint: TR diam: 22.0 mm wt: 3.3 g	FOLL cat: 7TR104 wear: SW/SW	CONSTANTINVS PFAVG Rev SOLI INVIC-TO COMITI
179	CONSTANTINE I date: 316-17 mint: - diam: 17.5 mm wt: 1.6 g	FOLL cat: as 7LN100 wear: ?SW/C	CONSTANTINVS AVG Rev SOLI INV-ICTO COMITI
180	CONSTANTINE I date: 319 mint: - diam: 18.0 mm wt: 1.8 g	- cat: as 7LN154 wear: C/UW	- Rev VICTORIAE LAETAE PRINC PERP VOT/PR

No.	Site	Area, Trench	Layer	Phase	CD find no
171	ALC64	AXVII	top.		109
172	ALC65	FI	1		313
173	ALC65	GIV	1A		384
174	ALC65	GIII	2	X	255
175	ALC64	BIIa	1		93
176	ALC65	FIVA	top.		457
177	ALC65	GIV	1A		398
178	ALC65	GIV	1A		368
179	ALC65	GI	1		160
180	ALC65	FI	2	XIII	366

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No. 181	CONSTANTINE I	denom: -	Obv IMP CONSTAN-TINVS MAX AVG
date: 319	mint: LN	cat: 7LN154	Rev VICTORIAE LAETAE PRINC PERP VOT/PR
diam: 17.5 mm	wt: 2.8 g	wear: SW/SW	
No. 182	CONSTANTINE I	denom: -	Obv IMP CONSTANTINVS MAX AVG
date: 319	mint: LN	cat: 7LN154	Rev VICTORIAE LAETAE PRINC PERP VOT/PR
diam: 17.5 mm	wt: 2.6 g	wear: SW/SW	
No. 183	CONSTANTINE I	denom: -	Obv CONSTANTINVS MAX AVG
date: 319	mint: TR	cat: 7TR216	Rev VICTORIAE LAETAE PRINC PERP VOT/PR
diam: 16.5 mm	wt: 2.1 g	wear: SW/SW	
No. 184	CONSTANTINE I	denom: -	Obv CONSTAN-TINVS AVG
date: 320	mint: LG	cat: 7LN101	Rev VIRTVS EXERCIT VOT/XX
diam: 20.0 mm	wt: 2.7 g	wear: UN/UN	
No. 185	CONSTANTINE I	denom: -	Obv CONSTAN-TINVS AVG
date: 322	mint: TR	cat: 7TR342	Rev BEATA TRAN-QVILLITAS VO/TIS/XX
diam: 19.5 mm	wt: 3.3 g	wear: SW/UN	
No. 186	CONSTANTINE I	denom: -	Obv CONSTANTINVS AVG
date: 322	mint: TR	cat: 7TR342	Rev BEATA TRANQVILLITAS VO/TIS/XX
diam: 20.0 mm	wt: 2.6 g	wear: W/SW	
No. 187	CONSTANTINE I	denom: -	Obv CONSTAN-TINVS AVG
date: 322-23	mint: AR	cat: 7AR257	Rev SARMATIA DEVICTA
diam: 21.0 mm	wt: 2.2 g	wear: SW/SW	
No. 188	CONSTANTINE I	denom: -	Obv CONSTAN-TINVS AVG
date: 325-26	mint: TR	cat: 7TR461	Rev PROVIDEN-TIAE AVGG
diam: 19.0 mm	wt: 3.4 g	wear: SW/SW	
No. 189	CONSTANTINE I	denom: -	Obv VRBS ROMA
date: 330-31	mint:	cat: 7TR522, HK51	Rev Wolf and Twins
diam: 16.5 mm	wt: 1.5 g	wear: C/C	
No. 190	CONSTANTINE I	denom: -	Obv VRBS ROMA
date: 330-31	mint: LG	cat: 7LG247, HR190	Rev Wolf and Twins
diam: 15.5 mm	wt: 2.2 g	wear: SW/SW	

No.	Site	Area, Trench	Layer	Phase	CD find no
181	ALCES	EII	2		215
182	ALCES	EIV	1		251
183	ALCES	DII	1		132
184	ALCES	PI	top.		460
185	ALCES	AAII	2		66
186	ALCES	FIII	4		311
187	ALCES	EVII	1		477
188	ALCES	CVIA	52	IX	155
189	ALCES	SVII	1		465
190	ALCES	FII	4		304

No.	Obv	Rev	denom:	cat:	wear:
191	CONSTANTINE I	VRBS ROMA	-	7LG247, HK190	?SW/SW
	date: 330-31	mint: LG			
	diam: 17.0 mm	wt: 1.2 g			
192	CONSTANTINE I	VRBS ROMA	-	7LG247, HK190	SW/SW
	date: 330-31	mint: LG			
	diam: 16.0 mm	wt: 1.8 g			
193	CONSTANTINE I	VRBS ROMA	-	7TR522, HK51	SW/SW
	date: 330-31	mint: TR			
	diam: 16.5 mm	wt: 1.9 g			
194	CONSTANTINE I	VRBS ROMA	-	7TR522, HK51	UM/UM
	date: 330-31	mint: TR			
	diam: 13.0 mm	wt: 1.5 g			
195	CONSTANTINE I	VRBS ROMA	-	7TR529, HK58	UM/UM
	date: 330-31	mint: TR			
	diam: 17.0 mm	wt: 1.9 g			
196	CONSTANTINE I	VRBS ROMA	-	7TR529, HK58	SW/UM
	date: 330-31	mint: TR			
	diam: 16.0 mm	wt: 1.8 g			
197	CONSTANTINE I	VRBS ROMA	-	as 7TR522, HK51	C/SW
	date: 330-35	mint: -			
	diam: 16.0 mm	wt: 1.4 g			
198	CONSTANTINE I	VRBS ROMA	-	as 7TR522, HK51	SW/SW
	date: 330-35	mint: -			
	diam: 14.5 mm	wt: 1.4 g			
199	CONSTANTINE I	VRBS ROMA	-	as 7TR522, HK51	C/C
	date: 330-35	mint: -			
	diam: 15.0 mm	wt: 1.4 g			
200	CONSTANTINE I	VRBS ROMA	-	as 7TR522, HK51	SW/SW
	date: 330-35	mint: -			
	diam: 15.0 mm	wt: 1.2 g			

No.	Site	Area, Trench	Layer	Phase	CO find no
191	ALCES	GIV	1A		404
192	ALCES	GV	1		463
193	ALCES	ETI	9	XIII	363
194	ALCES	GIV	1		346
195	ALCES	ETV	15	XIII	246
196	ALCES	GIV?	1A		386
197	ALCES	FI	14	XII	401
198	ALCES	CVI	32		115
199	ALCES	GIII	1		407
200	ALCES	ETI	1		140

No. Ruler					
201 CONSTANTINE I	date: 330-35	mint: -	denom: -	cat: as 7TR533, HK76	Obv VRBS ROMA Rev Wolf and Twins
	diam: 17.0 mm	wt: 1.6 g	wear: UN/UN		
202 CONSTANTINE I	date: 330-35	mint: -	denom: -	cat: as 7TR561, HK85	Obv VRBS ROMA Rev Wolf and Twins
	diam: 15.0 mm	wt: 1.3 g	wear: SW/SW		
203 CONSTANTINE I	date: 332	mint: LG	denom: -	cat: 7LG257, HK200	Obv VRBS ROMA Rev Wolf and Twins
	diam: 16.0 mm	wt: 1.9 g	wear: SW/SW		
204 CONSTANTINE I	date: 333-34	mint: TR	denom: -	cat: 7TR561, HK85	Obv VRBS ROMA Rev Wolf and Twins
	diam: 16.0 mm	wt: 2.5 g	wear: SW/UN		
205 CONSTANTINE I	date: 330-31	mint: LG	denom: -	cat: 7LG247, HK190	Obv CONSTANTINOPOLIS Rev Victory on prow
	diam: 13.0 mm	wt: 1.7 g	wear: UN/UN		
206 CONSTANTINE I	date: 330-31	mint: TR	denom: -	cat: 7TR523, HK52	Obv CONSTANTINOPOLIS Rev Victory on prow
	diam: 17.0 mm	wt: 2.4 g	wear: UN/UN		
207 CONSTANTINE I	date: 330-31	mint: TR	denom: -	cat: 7TR530, HK59	Obv CONSTANTINOPOLIS Rev Victory on prow
	diam: 17.0 mm	wt: 1.6 g	wear: W/SW		
208 CONSTANTINE I	date: 330-31	mint: TR	denom: -	cat: 7TR530, HK59	Obv CONSTANTINOPOLIS Rev Victory on prow
	diam: 16.0 mm	wt: 2.2 g	wear: SW/UN		
209 CONSTANTINE I	date: 330-31	mint: TR	denom: -	cat: 7TR530, HK59	Obv CONSTANTINOPOLIS Rev Victory on prow
	diam: 19.0 mm	wt: 2.2 g	wear: W/W		
210 CONSTANTINE I	date: 330-35	mint: -	denom: -	cat: as 7TR530, HK59	Obv CONSTANTINOPOLIS Rev Victory on prow
	diam: 17.0 mm	wt: 2.4 g	wear: W/W		

NO.	Site	Area, Trench	Layer	Phase	CO find no
201	ALCE5	GIV	1A		350
202	ALCE5	EV	2		340
203	ALCE5	KII	2		158
204	ALCE5	OJ	U/S		312
205	ALCE5	OII	16		286
206	ALCE5	GIV	1A		351
207	ALCE5	GV	26	IV	476
208	ALCE5	GIV	1A		363
209	ALCE4	AKI	3		4
210	ALCE5	EVII	1		450

- No. Suler
- 211 CONSTANTINE I denom: - Obv CONSTANTINOPOLIS
 date: 330-35 mint: TR cat: 7TR523, HK52 Rev Victory on prow
 diam: 13.5 mm wt: 1.3 g wear: SW/SW
- 212 CONSTANTINE I denom: - Obv CONSTANTINOPOLIS
 date: 332 mint: LC cat: 7LG256, HK201 Rev Victory on prow
 diam: 16.0 mm wt: 1.5 g wear: SW/SW
- 213 CONSTANTINE I denom: - Obv CONSTANTINOPOLIS
 date: 332-33 mint: TR cat: 7TR543, HK66 Rev Victory on prow
 diam: 16.0 mm wt: 1.6 g wear: W/W
- 214 CONSTANTINE I denom: - Obv CON ANTINOPOLIS
 date: 332-33 mint: TR cat: 7TR543, HK66 Rev Victory on prow
 diam: 15.5 mm wt: 1.4 g wear: SW/SW
- 215 CONSTANTINE I denom: - Obv CONSTANTINOPOLIS
 date: 332-33 mint: TR cat: 7TR543, HK66 Rev Victory on prow
 diam: 17.5 mm wt: 2.2 g wear: SW/SW
- 216 CONSTANTINE I denom: - Obv CONSTANTINOPOLIS
 date: 332-33 mint: TR cat: 7TR543, HK66 Rev Victory on prow
 diam: 14.5 mm wt: 1.7 g wear: W/SW
- 217 CONSTANTINE I denom: - Obv CONSTANTINOPOLIS
 date: 335 mint: LG cat: 7LG273, HK225 Rev Victory on prow
 diam: 14.0 mm wt: 1.2 g wear: SW/SW
- 218 CONSTANTINE I denom: - Obv CONSTANTINVS MAX AVG
 date: 330-31 mint: LG cat: 7LG243, HK166 Rev GLORIA EXERCITVS 2 stds.
- 219 CONSTANTINE I denom: - Obv CONSTANTINVS MAX AVG
 date: 330-31 mint: TR cat: 7TR525, HK53 Rev GLORIA EXERCITVS 2 stds.
- 220 CONSTANTINE I denom: - Obv CONSTANTINVS MAX AVG
 date: 332-33 mint: TR cat: 7TR537, HK60 Rev GLORIA EXERCITVS 2 stds.

No.	Site	Area, Trench	Layer	Phase	CD find no
211	ALCE3	01	top.		127
212	ALCE3	07	2		254
213	ALCE3	03	top.		151
214	ALCE3	07V	1	R111	350
215	ALCE3	07	1		292
216	ALCE4	01	2		16
217	ALCE3	07V	2	R111	351
218	ALCE4	011110	2		81
219	ALCE3	0711	1		324
220	ALCE3	07111	00	10	483

- 221 CONSTANTINE I
 date: 335 mint: BG
 diam: 14.0 mm wt: 1.4 g
 Genus: -
 Cat: T25771.00222
 wear: 00/00
 Obj CONSTANTINE-NTS H&S AWC
 Ref GLORIA EXPOSITO 1 et al.
- 222 CONSTANTINE I (fragment)
 date: 335 mint: TR
 diam: 15.8 mm wt: 0.7 g
 Genus: -
 Cat: T25990.00552
 wear: 00/00
 Obj CONSTANTINE-NTS H&S AWC
 Ref GLORIA EXPOSITO 1 et al.
- 223 CONSTANTINE I
 date: 335-36 mint: SB
 diam: 16.5 mm wt: 1.4 g
 Genus: -
 Cat: T26252.00750
 wear: 00/00
 Obj CONSTANTINE-NTS H&S AWC
 Ref GLORIA EXPOSITO 1 et al.
- 224 CONSTANTINE I
 date: 335-37 mint: TR
 diam: 14.5 mm wt: 1.1 g
 Genus: -
 Cat: T25990.00552
 wear: 00/00
 Obj CONSTANTINE-NTS H&S AWC
 Ref GLORIA EXPOSITO 1 et al.
- 225 CONSTANTINE I
 date: 335-37 mint: TR
 diam: 15.5 mm wt: 2.1 g
 Genus: -
 Cat: T25990.00552
 wear: 00/00
 Obj CONSTANTINE-NTS H&S AWC
 Ref GLORIA EXPOSITO 1 et al.
- 226 CONSTANTINE I
 date: 335 mint: AR
 diam: 15.5 mm wt: 1.6 g
 Genus: -
 Cat: T25990.00552
 wear: 00/00
 Obj CONSTANTINE-NTS H&S AWC
 Ref GLORIA EXPOSITO 1 et al.
- 227 "CONSTANTINE I"
 date: 341-45 mint:
 diam: 9.0 mm wt: 0.7 g
 Genus: -
 Cat: class T2547.00170
 wear: 00/00
 Obj VRS ROMA
 Ref Wolf and Trill
- 228 "CONSTANTINE I"
 date: 341-45 mint:
 diam: 13.5 mm wt: 0.7 g
 Genus: -
 Cat: class T2659.00200
 wear: 00/00
 Obj VRS ROMA
 Ref Wolf and Trill
- 229 "CONSTANTINE I"
 date: 331-40 mint:
 diam: 14.0 mm wt: 0.9 g
 Genus: -
 Cat: class T2529.00150
 wear: 00/00
 Obj VRS ROMA
 Ref Wolf and Trill
- 230 "CONSTANTINE I"
 date: 341-46 mint:
 diam: 13.5 mm wt: 0.9 g
 Genus: -
 Cat: class T2620.00170
 wear: 00/00
 Obj VRS ROMA
 Ref Wolf and Trill

No.	Site	Area	Tree	Layer	Phase	CO	Find no
221	ALCE			1 B			14
222	ALCE			1			202
223	ALCE			4			43
224	ALCE			2			21
225	ALCE			2a			29
226	ALCE			1			41
227	ALCE			4	V		219
228	ALCE			10F			467
229	ALCE			10			146
230	ALCE			1			221

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No. Ruler					
231 'CONSTANTINE I'	denom: -	Obv [VRBS] ROMA			
date: 341-46 mint: -	cat: c.of 7LG242, HK184	Rev Wolf and Twins PLG			
diam: 13.0 mm wt: 0.7 g	wear: UW/UW				
232 'CONSTANTINE I'	denom: -	Obv CONSTANTINOPOLIS			
date: 341-46 mint: -	cat: c.as 7TR543, HK66	Rev Victory on prow			
diam: 15.0 mm wt: 1.2 g	wear: 7W/0				
233 'CONSTANTINE I'	denom: -	Obv CONSTANTINOPOLIS			
date: 341-46 mint: -	cat: c.as 7TR548, HK71	Rev Victory on prow			
diam: 11.0 mm wt: 0.7 g	wear: SW/SW				
234 'CONSTANTINE I'	denom: -	Obv [CONSTANTINOPOLIS]			
date: 341-46 mint: -	cat: c.of 7LG241, HK185	Rev Victory on prow -LG			
diam: 14.0 mm wt: 0.7 g	wear: SW/SW				
235 'CONSTANTINE I'	denom: -	Obv CONSTANTINVS MAX AVG			
date: 341-46 mint: -	cat: c.of 7LG236, HK180	Rev GLOR-IA EXERC-ITVS 2 stds.			
diam: 15.0 mm wt: 1.0 g	wear: SW/SW				
236 CONSTANTINE I, DIVO	denom: -	Obv DIVO CONS-TANTINOP			
date: 337-40 mint: AR	cat: 8AR17, HK422	Rev AETERN-A PIETAS			
diam: 14.5 mm wt: 1.0 g	wear: W/SW				
237 'CONSTANTINE I'	denom: -	Obv CONSTANTI-NVS MAX AVG			
date: 341-46 mint: -	cat: c.of 7TR525, HK54	Rev GLORIA EXERCITVS 2 stds.			
diam: 13.5 mm wt: 1.1 g	wear: SW/SW				
238 CRISPUS, CAESAR	denom: -	Obv IVL CRISPVS NOB CAES			
date: 321 mint: TR	cat: 7TR320	Rev BEATA TRAN-QVILLITAS VO/TIS/XX			
diam: 19.0 mm wt: 2.6 g	wear: UW/UW				
239 CONSTANTINE II, CAESAR	denom: -	Obv CONSTANTINVS IVN NOBC			
date: 330-31 mint: TR	cat: 7TR520, HK49	Rev GLORIA EXERCITVS 2 stds.			
diam: 16.5 mm wt: 2.4 g	wear: W/W				
240 CONSTANTINE II, CAESAR	denom: -	Obv CONSTANTINVS IVN NOB(C)			
date: 330-31 mint: TR	cat: 7TR520, HK49	Rev GLORIA EXERCITVS 2 stds.			
diam: 14.0 mm wt: 1.4 g	wear: SW/SW				

No.	Site	Area, Trench	Layer	Phase	CO find no
231	ALC64	CIII	14		73
232	ALC65	GIV	1A		379
233	ALC65	DI	1a		262
234	ALC65	GIA	2	IX	193
235	ALC65	EII	2		242
236	ALC64	AAIII	1		32
237	ALC65	GIV	1		341
238	ALC65	EIII	2		298
239	ALC64	AAIII	1		55
240	ALC65	FI	9	XIII	391

No.	Ruler	denom:	
241	CONSTANTINE II, CAESAR date: 330-35 mint: TR diam: 14.0 mm wt: 1.8 g	- cat: 7T539, HK63 wear: SW/M	Obv CONSTANTINVS IVN NOBC Rev GLORIA EXERCITVS 2 stds.
242	CONSTANTINE II, CAESAR date: 332 mint: LG diam: 15.5 mm wt: 2.1 g	- cat: 7LG254, HK198 wear: SW/UN	Obv CONSTANTINVS IVN NOBC Rev GLORIA EXERCITVS 2 stds.
243	CONSTANTINE II, CAESAR date: 332-33 mint: TR diam: 17.0 mm wt: 2.0 g	- cat: 7TR539, HK63 wear: W/W	Obv CONSTANTINVS IVN NOBC Rev GLORIA EXERCITVS 2 stds.
244	CONSTANTINE II, CAESAR date: 332-33 mint: TR diam: 17.0 mm wt: 2.0 g	- cat: 7TR545, HK68 wear: UW/UN	Obv CONSTANTINVS IVN NOBC Rev GLORIA EXERCITVS 2 stds.
245	CONSTANTINE II, CAESAR date: 335-37 mint: - diam: 14.0 mm wt: 1.8 g	- cat: as 7TR586, HK88 wear: SW/SW	Obv CONSTANT-INVS IVN NOBC Rev GLORIA EXERCITVS 1 std.
245	CONSTANTIUS II, CAESAR date: 335-37 mint: - diam: 14.0 mm wt: 1.3 g	- cat: as 7TR592var., HK89 wear: SW/SW	Obv FLIVL CONSTANTIVS NOBC Rev GLORIA EXERCITVS 1 std.
247	CONSTANTINE II, CAESAR date: 335-37 mint: TR diam: 14.5 mm wt: 1.3 g	- cat: 7TR591, HK93 wear: UN/UN	Obv CONSTANTINVS IVN NC Rev GLORIA EXERCITVS 1 std.
248	CONSTANTINE II, CAESAR date: 335-37 mint: TR diam: 14.0 mm wt: 1.4 g	- cat: 7TR591, HK93 wear: W/W	Obv [CONSTANTI-NVS] IVN NC Rev GLOR-IA EXERC-ITVS 1 std.
249	CONSTANTINE II, CAESAR date: 335-37 mint: TR diam: 16.0 mm wt: 1.2 g	- cat: 7TR591, HK93 wear: SW/UN	Obv CONSTANTI-NVS IVN NC Rev GLORIA EXERCITVS 1 std.
250	'CONSTANTINE II, CAESAR' date: 320+ mint: - diam: 12.5 mm wt: 0.9 g	- cat: c.as 7LG87 wear: SW/UN	Obv [DN CONSTANTINO IVN NOB CAES] Rev VICTORIAE LAETAE PRINC PERP

No.	Site	Area, Trench	Layer	Phase	CO find no
241	ALC65	GV	U/S		481
242	ALC64	AAII	2		76
243	ALC65	GV	1		451
244	ALC65	HII	1		224
245	ALC64	AAI	2		20
246	ALC65	GII	U/S		159
247	ALC65	EIII	1		135
248	ALC64				??6
					Found loose in box containing nos. 1-199 (= cat. no. 486?)
249	ALC65	DII	1		167
250	ALC65	EIV	1		194

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251	'CONSTANTINE II, CAESAR'	denom: -	Obv CONSTANTINVS IVN NOBC
	date: 341-46 mint: -	cat: c.as 7AQ125, HK657	Rev GLORIA EXERCITVS 2 stds.
	diam: 13.5 mm wt: 0.8 g	wear: SW/UN	
252	'CONSTANTINE II, CAESAR'	denom: -	Obv CONSTANTINVS IVN NOBC
	date: 341-46 mint: -	cat: c.of 7LG238, HK181	Rev GLORIA EXERCITVS 2 stds.
	diam: 14.0 mm wt: 1.0 g	wear: UN/UN	
253	CONSTANTIUS II, CAESAR	denom: -	Obv FL IVL CONSTANTIVS NOBC
	date: 335-37 mint: -	cat: as 7TR592var., HK89	Rev GLORIA EXERCITVS 1 std.
	diam: 15.0 mm wt: 1.0 g	wear: SW/SW	
254	CONSTANTIUS II, CAESAR	denom: -	Obv FL IVL CONSTANTIVS NOBC
	date: 335-37 mint: TR	cat: 7TR592var., HK89	Rev GLORIA EXERCITVS 1 std.
	diam: 14.5 mm wt: 1.5 g	wear: SW/SW	
255	CONSTANTIUS II, CAESAR	denom: -	Obv FL IVL CONSTANTIVS NOBC
	date: 336 mint: TR	cat: 7LG277, HK194var.	Rev GLORIA EXERCITVS 1 std.
	diam: 14.5 mm wt: 1.3 g	wear: SW/SW	
256	CONSTANS, CAESAR	denom: -	Obv FL IVL CONSTANS NOBC var. Cn. for Cs.II
	date: 335-37 mint: -	cat: as 7LG287var, HK236	Rev GLORIA EXERCITVS 1 std.
	diam: 14.0 mm wt: 1.2 g	wear: UN/UN	
257	CONSTANS, CAESAR	denom: -	Obv FL IVL CONSTANS NOB CAES
	date: 335-37 mint: TR	cat: 7TR593, HK95	Rev GLORIA EXERCITVS 1 std.
	diam: 14.5 mm wt: 1.3 g	wear: UN/UN	
258	HELENA	denom: -	Obv FL IVL HE-LENÆ AVG
	date: 337-40 mint: -	cat: as 8TR63, HK112	Rev PAX PVBLICA
	diam: 14.5 mm wt: 1.6 g	wear: W/SW	
259	HELENA	denom: -	Obv FL IVL HE-LENÆ AVG
	date: 337-40 mint: -	cat: as 8TR63, HK112	Rev PAX PVBLICA
	diam: 14.0 mm wt: 0.9 g	wear: UN/UN	
260	HELENA	denom: -	Obv FL IVL HE-LENÆ AVG
	date: 337-40 mint: TR	cat: 8TR63, HK112	Rev PAX PVBLICA
	diam: 14.5 mm wt: 1.1 g	wear: W/SW	

No.	Site	Area, Trench	Layer	Phase	CO find no
251	ALC65	EV	1		294
252	ALC65	FI	+		426
253	ALC64	AAI	1		47
254	ALC65	FI	+		302
255	ALC65	FI	+		305
256	ALC65	E	U/S		147
257	ALC65	FI12	+		321
258	ALC64	CI	4a		85
259	ALC65	GIV	1A		365
260	ALC64	AAI	1		26

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No. 261	HELENA	denom: -	Obv FL IIV HE-LENAE AVG
	date: 337-40 mint: TR	cat: 8TR63, HK112	Rev PA-X PV-BLICA
	diam: 17.0 mm wt: 1.2 g	wear: SW/UN	
No. 262	HELENA	denom: -	Obv FL IIV HE-LENAE AVG
	date: 337-40 mint: TR	cat: 8TR63, HK112	Rev PAX PVBLICA
	diam: 14.0 mm wt: 1.5 g	wear: SW/SW	
No. 263	HELENA	denom: -	Obv FL IIV HE-LENAE AVG
	date: 337-40 mint: TR	cat: 8TR78, HK119	Rev PA-X PV-BLICA
	diam: 15.0 mm wt: 1.2 g	wear: UN/UN	
No. 264	HELENA	denom: -	Obv FL IIV HE-LENAE AVG
	date: 337-40 mint: TR	cat: 8TR78, HK119	Rev PA-X PV-BLICA
	diam: 15.5 mm wt: 0.9 g	wear: ?SW/SW	
No. 265	'HELENA'	denom: -	Obv (FL IIV HE-LENAE AVG)
	date: 341-46 mint: -	cat: c.as 8RM53, HK621	Rev PAX P-VBLICA
	diam: 14.0 mm wt: 0.9 g	wear: UN/UN	
No. 266	THEODORA	denom: -	Obv FL MAX THEO-DORAE AVG
	date: 337-40 mint: TR	cat: 8TR65, HK113	Rev PIETAS ROMANA
	diam: 16.5 mm wt: 1.5 g	wear: SW/SW	
No. 267	THEODORA fragment	denom: -	Obv FL MAX THEO-DORAE AVG
	date: 337-40 mint: TR	cat: 8TR65, HK113	Rev PIETAS ROMANA
	diam: 14.5 mm wt: 0.8 g	wear: SW/W	
No. 268	THEODORA	denom: -	Obv FL MAX THEO-DORAE AVG
	date: 337-40 mint: TR	cat: 8TR79, HK120	Rev PIETAS ROMANA
	diam: 14.5 mm wt: 0.9 g	wear: SW/SW	
No. 269	CONSTANTINE II	denom: -	Obv CONSTAN-TINVS AVG
	date: 337-40 mint: -	cat: as 8TR38, HK99	Rev GLORIA EXERCITVS 1 std.
	diam: 14.0 mm wt: 1.3 g	wear: UN/UN	
No. 270	CONSTANTINE II fragment	denom: -	Obv VIC CONSTA-NTINVS AVG
	date: 337-40 mint: RM	cat: 8RM4, HK580	Rev VIRTVS AVGVSTI
	diam: 14.0 mm wt: 1.0 g	wear: W/W	

No.	Site	Area, Trench	Layer	Phase	CO find no
261	ALC65	DI	top.		232
262	ALC65	GIV	1		336
263	ALC65	EII	2		239
264	ALC64	AAIII	1		30
265	ALC65	GIV	1		273
266	ALC64	AAIIs	8		25
267	ALC64	AAIIIa	77	III	70
268	ALC65	FI	+		318
269	ALC65	GIV	2	V	315
270	ALC64	AAIII	1		69

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No. Sular					
271 CONSTANS	denom: -	Obv DN FL CONSTANS AVG			
date: 337-40 mint: SN	cat: 68M49, HK610	Rev GLORIA EXERCITVS 1 std.			
diam: 14.5 mm wt: 1.4 g	wear: UW/UW				
272 CONSTANS	denom: -	Obv FL IVL CONSTANS AVG			
date: 337-40 mint: TR	cat: 6TR59, HK108a	Rev GLORIA EXERCITVS 1 std.			
diam: 14.0 mm wt: 1.5 g	wear: UW/UW				
273 CONSTANS	denom: -	Obv CONSTANS-PFAVG			
date: 340-41 mint: TR	cat: 6TR103, HK131	Rev GLORIA EXERCITVS 1 std.			
diam: 16.0 mm wt: 1.5 g	wear: SW/SW				
274 CONSTANS	denom: -	Obv CONSTANS-PFAVG			
date: 340-41 mint: TR	cat: 6TR103, HK131	Rev GLORIA EXERCITVS 1 std.			
diam: 15.5 mm wt: 1.2 g	wear: UW/UW				
275 CONSTANS	denom: -	Obv CONSTAN-S PFAVG			
date: 346-48 mint:	cat: as 6TR182, HK138	Rev VICTORIAE DDAVGGQNN			
diam: 14.5 mm wt: 0.8 g	wear: SW/SW				
276 CONSTANS	denom: -	Obv CONSTAN-S PFAVG			
date: 346-48 mint:	cat: as 6TR206, HK160	Rev VICTORIAE DDAVGGQNN			
diam: 16.0 mm wt: 1.4 g	wear: SW/SW				
277 CONSTANS	denom: -	Obv {CONSTAN-S PFAVG}			
date: 346-48 mint: -	cat: as 6TR182, HK138	Rev VICTORIAE DDAVGGQNN			
diam: 13.5 mm wt: 0.8 g	wear: SW/SW				
278 CONSTANS	denom: -	Obv CONSTAN-S PFAVG			
date: 346-48 mint: LG	cat: 6TR40, HK257	Rev VICTORIAE DDAVGGQNN			
diam: 14.5 mm wt: 1.5 g	wear: UW/UW				
279 CONSTANS	denom: -	Obv CONSTAN-S PFAVG			
date: 346-48 mint: LG	cat: 6TR40, HK257	Rev VICTORIAE DDAVGGQNN			
diam: 13.5 mm wt: 1.4 g	wear: SW/SW				
280 CONSTANS	denom: -	Obv CONSTAN-S PFAVG			
date: 346-48 mint: TR	cat: 6TR185, HK140	Rev VICTORIAE DDAVGGQNN			
diam: 16.5 mm wt: 1.6 g	wear: UW/UW				

No.	Site	Area, Trench	Layer	Phase	CO find no
271	ALC65	JII	1		390
272	ALC65	KII	9	XIII	358
273	ALC65	E	U/S		472
274	ALC65	EV	2		338
275	ALC65	GIV	1A		344
276	ALC65	EV	1		360
277	ALC65	EI	4	XIII	417
278	ALC65	OI	2a	VIII	168
279	ALC65	GIV	1A		275
280	ALC65	EV	2		345

No. Ruler					
281 CONSTANS		denom: -		Obv CONSTAN-S PFAVG	
date: 346-48	mint: TR	cat: STR182, HK138		Rev VICTORIAE DDAVGGQNN	
diam: 14.0 mm	wt: 1.2 g	wear: SW/SW			
282 CONSTANS		denom: -		Obv CONSTAN-S PFAVG	
date: 346-48	mint: TR	cat: STR185, HK140		Rev VICTORIAE DDAVGGQNN	
diam: 16.0 mm	wt: 1.2 g	wear: SW/SW			
283 CONSTANS		denom: -		Obv CONSTAN-S PFAVG	
date: 346-48	mint: TR	cat: STR185, HK140		Rev VICTORIAE DDAVGGQNN	
diam: 15.5 mm	wt: 1.3 g	wear: UW/UW			
284 CONSTANS		denom: -		Obv CONSTAN-S PFAVG	
date: 346-48	mint: TR	cat: STR185, HK140		Rev VICTORIAE DDAVGGQNN	
diam: 14.5 mm	wt: 1.1 g	wear: SW/UW			
285 CONSTANS		denom: -		Obv CONSTAN-S PFAVG	
date: 346-48	mint: TR	cat: STR188, HK142		Rev VICTORIAE DDAVGGQNN	
diam: 16.0 mm	wt: 1.4 g	wear: SW/SW			
286 CONSTANS		denom: -		Obv CONSTAN-S PFAVG	
date: 346-48	mint: TR	cat: STR195, HK148		Rev VICTORIAE DDAVGGQNN	
diam: 15.0 mm	wt: 1.5 g	wear: UW/UW			
287 CONSTANS		denom: -		Obv CONSTAN-S PFAVG	
date: 346-48	mint: TR	cat: STR195, HK148		Rev VICTORIAE DDAVGGQNN	
diam: 16.5 mm	wt: 1.3 g	wear: UW/UW			
288 CONSTANS		denom: -		Obv CONSTAN-S PFAVG	
date: 346-48	mint: TR	cat: STR195, HK148		Rev VICTORIAE DDAVGGQNN	
diam: 15.0 mm	wt: 1.2 g	wear: UW/UW			
289 CONSTANS		denom: -		Obv CONSTAN-S PFAVG	
date: 346-48	mint: TR	cat: STR195, HK148		Rev VICTORIAE DDAVGGQNN	
diam: 16.0 mm	wt: 1.6 g	wear: SW/SW			
290 CONSTANS		denom: -		Obv CONSTAN-S PFAVG	
date: 346-48	mint: TR	cat: STR196, HK150		Rev VICTORIAE DDAVGGQNN	
diam: 17.0 mm	wt: 1.4 g	wear: UW/UW			

No.	Site	Area, Trench	Layer	Phase	GD find no
281	ALC65	KVII	1		458
282	ALC65	F2	15	XIII	425
283	ALC65	O1	top.		293
284	ALC65	G1	U/S		156
285	ALC65	E	U/S		191
286	ALC65	D1	top.		119
287	ALC65	EV	1		355
288	ALC65	E	U/S		243
289	ALC65	QII	5		214
290	ALC65	ETV	1		247

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No. 291	CONSTANS	denom: -	Obv CONSTAN-S PFAVG
	date: 346-48 mint: TR	cat: STR206, HK160	Rev VICTORIAE DDVAVGGQNN
	diam: 14.0 mm wt: 1.4 g	wear: SW/SW	
No. 292	CONSTANS	denom: -	Obv CONSTAN-S PFAVG
	date: 346-48 mint: TR	cat: STR206, HK160	Rev VICTORIAE DDVAVGGQNN
	diam: 13.0 mm wt: 0.7 g	wear: SW/UN	
No. 293	CONSTANS	denom: -	Obv CONSTAN-S PFAVG
	date: 346-48 mint: TR	cat: STR210, HK163	Rev VICTORIAE DDVAVGGQNN
	diam: 16.0 mm wt: 1.0 g	wear: UN/UN	
No. 294	CONSTANS	denom: -	Obv CONSTAN-S PFAVG
	date: 346-48 mint: TR	cat: STR210, HK163	Rev VICTORIAE DDVAVGGQNN
	diam: 15.5 mm wt: 1.6 g	wear: UN/UN	
No. 295	CONSTANS	denom: -	Obv DN CONSTA-NS PFAVG
	date: 348-50 mint: AR	cat: as SAR106, CK401	Rev FEL TEMP REPARATIO Hut
	diam: 20.5 mm wt: 4.7 g	wear: UN/UN	
No. 296	CONSTANS	denom: -	Obv DN CONSTA-NS PFAVG
	date: 348-50 mint: -	cat: as STR234, CK35	Rev FEL TEMP REPARATIO Phoenix on globe
	diam: 16.5 mm wt: 1.6 g	wear: SW/SW	
No. 297	CONSTANS	denom: -	Obv DN CONSTA-NS PFAVG
	date: 348-50 mint: TR	cat: STR228, CK33	Rev FEL TEMP REPARATIO Phoenix on mound
	diam: 17.0 mm wt: 1.6 g	wear: W/W	
No. 298	CONSTANS	denom: -	Obv DN CONSTA-NS PFAVG
	date: 348-50 mint: TR	cat: STR228, CK33	Rev FEL TEMP REPARATIO Phoenix on mound
	diam: 16.5 mm wt: 2.0 g	wear: SW/SW	
No. 299	CONSTANTIUS II fragment	denom: -	Obv CONSTANTI-VS PFAVG
	date: 337-40 mint: AR	cat: SAR35, HK435	Rev GLORIA EXERCITVS 1 std.
	diam: 15.0 mm wt: 1.0 g	wear: SW/SW	
No. 300	CONSTANTIUS II	denom: -	Obv FL IVL CONSTANTIVS AVG
	date: 337-40 mint: TR	cat: STR59, HK108	Rev GLORIA EXERCITVS 1 std.
	diam: 13.5 mm wt: 2.6 g	wear: W/W	

No.	Site	Area, Trench	Layer	Phase	CO find no
291	ALCES	DII	14		227
292	ALCES	GIV	1		349
293	ALCES	FTV	14	XIII	385
294	ALCES	CVIIa	12	IX	102
295	ALCES	GIV	1		353
296	ALCES	F1	top.		455
297	ALCES	HII	2		219
298	ALCES	CI	1a		57
299	ALCES	F1	4		423
300	ALCES	AII	3		5

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No. Suler					
301 CONSTANTIVS II	denom: -	Obv FL IVL CONSTANTIVS AVG			
date: 337-40 mint: TR	cat: STR82, HK120	Rev GLORIA EXERCITVS 1 std.			
diam: 14.5 mm wt: 1.1 g	wear: SW/OW				
302 CONSTANTIVS II	denom: -	Obv FL IVL CONSTANTIVS AVG			
date: 337-40 mint: TR	cat: STR82, HK126	Rev GLORIA EXERCITVS 1 std.			
diam: 16.5 mm wt: 1.8 g	wear: UN/OW				
303 CONSTANTIVS II	denom: -	Obv CONSTANTI-VS PFAVG			
date: 340-41 mint: AR	cat: SAR51, HK436	Rev GLORIA EXERCITVS 1 std.			
diam: 15.5 mm wt: 1.4 g	wear: SW/SW				
304 CONSTANTIVS II	denom: -	Obv CONSTANTI-VS PFAVG			
date: 340-41 mint: AR	cat: SAR53, HK439	Rev GLORIA EXERCITVS 1 std.			
diam: 15.0 mm wt: 1.7 g	wear: SW/W				
305 CONSTANTIVS II	denom: -	Obv CONSTANTI-VS PFAVG			
date: 346-48 mint:	cat: as STR181varHK137a	Rev VICTORIAE DDAVGGQNN			
diam: 14.5 mm wt: 0.7 g	wear: SW/OW				
306 CONSTANTIVS II	denom: -	Obv CONSTANTI-VS PFAVG			
date: 346-48 mint: AR	cat: SAR78, HK455	Rev VICTORIAE DDAVGGQNN			
diam: 14.0 mm wt: 1.7 g	wear: SW/SW				
307 CONSTANTIVS II	denom: -	Obv CONSTANTI-VS PFAVG			
date: 346-48 mint: LG	cat: SLG5, HK160	Rev VICTORIAE DDAVGGQNN			
diam: 13.5 mm wt: 1.2 g	wear: SW/SW				
308 CONSTANTIVS II	denom: -	Obv CONSTANTI-VS PFAVG			
date: 346-48 mint: TR	cat: STR193, HK145	Rev VICTORIAE DDAVGGQNN			
diam: 15.0 mm wt: 1.6 g	wear: SW/SW				
309 CONSTANTIVS II	denom: -	Obv DN CONSTAN-TIVS PFAVG			
date: 348-50 mint: AR	cat: SAR120, CK409	Rev FEL TEMP R-EPARATIO FH2 A in field			
diam: 23.0 mm wt: 5.2 g	wear: UW/OW				
310 CONSTANTIVS II	denom: -	Obv DN CONSTAN-TIVS PFAVG			
date: 348-50 mint: TR	cat: STR227, CK32	Rev FEL TEMP REPARATIO Phoenix on mound			
diam: 17.5 mm wt: 2.2 g	wear: UN/OW				

No.	Site	Area, trench	Layer	Phase	CO find no
301	ALC65	GIV	1A		276
302	ALC65	GIA	25	VI	233
303	ALC68	F1	4		303
304	ALC64	AKI	2		1
305	ALC65	EIII	1		153
306	ALC65	EII	5	XIII	210
307	ALC63	GIV	1		348
308	ALC63	F1	10	XIII	301
309	ALC63	EII	1		211
310	ALC64	AAII	1		22

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No.	Label	denom:	Obv
311	CONSTANTIUS II date: 353-54 mint: - diam: 18.5 mm wt: 2.3 g	- cat: as 8AR212,CK452 wear: SW/SW	DN CONSTAN-TIVS PFAVG Rev FEL TEMP REPARATIO PH3
312	CONSTANTIUS II(?) date: 353-54 mint: - diam: 14.5 mm wt: 1.2 g	- cat: as 8TR359,CK76 wear: SW/SW	- Rev FEL TEMP REPARATIO PH3
313	CONSTANTIUS II date: 353-54 mint: LG diam: 19.5 mm wt: 3.0 g	- cat: 8LG183,CK249 wear: 7SW/SW	DN CONSTAN-TIVS PFAVG Rev FEL TEMP RE-PARATIO PH2
314	CONSTANTIUS II date: 353-54 mint: LG diam: 18.0 mm wt: 2.1 g	- cat: 8LG189,CK253 wear: W/W	DN CONSTAN-TIVS PFAVG Rev FEL TEMP REPARATIO PH3
315	CONSTANTIUS II date: 353-54 mint: TR diam: 15.5 mm wt: 1.9 g	- cat: 8TR350,CK72 wear: UW/UW	DN CONSTAN-TIVS PFAVG Rev FEL TEMP REPARATIO PH3
316	CONSTANTIUS II/GALLUS date: 353-54 mint: - diam: 13.0 mm wt: 1.6 g	- cat: as 8LG191,CK255 wear: UW/UW	- Rev FEL TEMP REPARATIO PH3
317	'CONSTANTIUS II' date: 353+ mint: - diam: 8.0 mm wt: 0.4 g	- cat: c.as 8TR359,CK76 wear: UW/UW	DN CONSTANTIVS PFAVG Rev FEL TEMP REPARATIO PH3
318	'CONSTANTIUS II' date: 353+ mint: - diam: 16.5 mm wt: 1.7 g	- cat: c.as 8LG186,CK252 wear: SW/SW	DN CONSTANTIVS PFAVG Rev FEL TEMP REPARATIO PH3
319	'CONSTANTIUS II' date: 353+ mint: - diam: 17.5 mm wt: 1.4 g	- cat: c.as 8LG189,CK256 wear: SW/SW	DN CONST-ANTIVS AVG Rev FEL TEMP REPARATIO PH3
320	'CONSTANTIUS II' date: 353+ mints: - diam: 10.0 mm wt: 0.5 g	- cat: c.as 8TR359,CK76 wear: SW/UW	DN CONSTANTIVS PFAVG Rev FEL TEMP REPARATIO PH3

No.	Site	Area,Trench	Layer	Phase	CO find no
311	ALC65	EIII	1		152
312	ALC65	GIV	12	V	439
313	ALC65	DI	top.		292
314	ALC65	FVII	+?		335
315	ALC65	FI	5	XIII	354
316	ALC65	EIII	1		139
317	ALC65	EII	3		225
318	ALC65	EV	2		297
319	ALC64	CI	16		60
320	ALC65	G	top.		176

No.	Maker	denom:	Obv
321	'CONSTANTIUS II' date: 353+ mint: - diam: 16.5 mm wt: 1.8 g	- cat: c.as 8TR359,CK76 wear: ?W/SW	DN CONSTANTIVS PFAVG Rev FEL TEMP REPARATIO FH3
322	'CONSTANTIUS II' date: 353+ mint: - diam: 14.0 mm wt: 1.3 g	- cat: c.as 8TR359,CK76 wear: ?W/SW	DN CONSTANTIVS PFAVG Rev FEL TEMP REPARATIO FH3
323	'CONSTANTIUS II' date: 353+ mint: - diam: 14.0 mm wt: 1.0 g	- cat: c.as 8TR359,CK76 wear: SW/SW	DN CONSTANTIVS PFAVG Rev FEL TEMP REPARATIO FH3
324	'CONSTANTIUS II' date: 353+ mint: - diam: 13.0 mm wt: 1.1 g	- cat: c.as 8TR359,CK76 wear: SW/SW	DN CONSTANTIVS PFAVG Rev FEL TEMP REPARATIO FH3
325	'CONSTANTIUS II' date: 353+ mint: - diam: 13.5 mm wt: 1.0 g	- cat: c.as 8TR359,CK76 wear: UW/UW	DN CONSTANTIVS PFAVG Rev FEL TEMP REPARATIO FH3
326	'CONSTANTIUS II' date: 353+ mint: - diam: 14.5 mm wt: 1.7 g	- cat: c.as 8TR359,CK76 wear: SW/SW	DN CONSTANTIVS PFAVG Rev FEL TEMP REPARATIO FH3
327	'CONSTANTIUS II' date: 353+ mint: - diam: 17.5 mm wt: 1.9 g	- cat: c.as 8TR359,CK76 wear: ?SW/SW	DN CONSTANTIVS PFAVG Rev FEL TEMP REPARATIO FH3
328	'CONSTANTIUS II' date: 353+ mint: - diam: 10.0 mm wt: 0.4 g	- cat: c.as 8TR359,CK76 wear: UW/UW	DN CONSTANTIVS PFAVG Rev FEL TEMP REPARATIO FH3
329	'CONSTANTIUS II' date: 353+ mint: - diam: 17.5 mm wt: 1.4 g	- cat: c.as 8TR359,CK76 wear: SW/SW	DN CONSTANTIVS PFAVG Rev FEL TEMP REPARATIO FH3
330	'CONSTANTIUS II' date: 353+ mint: - diam: 8.0 mm wt: 0.3 g	- cat: c.as 8TR359,CK76 wear: SW/SW	DN CONSTANTIVS PFAVG Rev FEL TEMP REPARATIO FH3

No.	Site	Area, Trench	Layer	Phase	CO find no
321	ALC64	BI	6		41
322	ALC65	DI	2	VIII	125
323	ALC65	GI	4		157
324	ALC65	D	U/S		480
325	ALC65	HI	1		138
326	ALC65	GIA	1A		447
327	ALC65	EIV	1		196
328	ALC65	FI	U/S		461
329	ALC65	DII	1		131
330	ALC65	EII	1		150

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No.	Label	denom:		Obv	Rev
331	'CONSTANTIUS II'	-		DN CONSTANTIVS PFAVG	FEL TEMP REPARATIO FH3
	date: 353+	mint: -	cat: c.as 6TR359,CK76		
	diam: 16.5 mm	wt: 1.6 g	wear: SW/UN		
332	'CONSTANTIUS II'	-		DN CONSTANTIVS PFAVG	FEL TEMP REPARATIO FH3
	date: 353+	mint: -	cat: c.as 6TR359,CK76		
	diam: 11.0 mm	wt: 1.0 g	wear: UN/UN		
333	'CONSTANTIUS II'	-		DN CONSTANTIVS PFAVG	FEL TEMP REPARATIO FH3
	date: 353+	mint: -	cat: c.as 6TR359,CK76		
	diam: 11.5 mm	wt: 0.7 g	wear: SW/UN		
334	'CONSTANTIUS II'	-		DN CONST' TIVS PFAVG	FEL TEMP REPARATIO FH3
	date: 353+	mint: -	cat: c.as 6TR359,CK76		
	diam: 13.5 mm	wt: 1.1 g	wear: SW/SW		
335	'CONSTANTIUS II'	-		DN CONSTANTIVS PFAVG	FEL TEMP REPARATIO FH3
	date: 353+	mint: -	cat: c.as 6TR359,CK76		
	diam: 13.5 mm	wt: 1.5 g	wear: SW/SW		
336	'CONSTANTIUS II'	-		DN CONSTANTIVS PFAVG	FEL TEMP REPARATIO FH3
	date: 353+	mint: -	cat: c.as 6TR359,CK76		
	diam: 15.0 mm	wt: 1.2 g	wear: SW/SW		
337	'CONSTANTIUS II'	-		DN CONSTANTIVS PFAVG	FEL TEMP REPARATIO FH3
	date: 353+	mint: -	cat: c.as 6TR359,CK76		
	diam: 9.0 mm	wt: 0.7 g	wear: UN/UN		
338	'CONSTANTIUS II'	-		DN CONSTANTIVS PFAVG	FEL TEMP REPARATIO FH3
	date: 353+	mint: -	cat: c.as 6TR359,CK76		
	diam: 9.5 mm	wt: 4.0 g	wear: C/UN		
339	'CONSTANTIUS II'	-		DN CONSTANTIVS PFAVG	FEL TEMP REPARATIO FH3
	date: 353+	mint: -	cat: c.as 6TR359,CK76		
	diam: 10.0 mm	wt: 0.9 g	wear: SW/UN		
340	'CONSTANTIUS II'	-		DN CONSTANTIVS PFAVG	FEL TEMP REPARATIO FH3
	date: 353+	mint: -	cat: c.as 6TR359,CK76		
	diam: 12.5 mm	wt: 0.9 g	wear: UN/UN		

No.	Site	Area, Trench	Layer	Phase	CO find no
331	ALC64	U/S	U/S		68
332	ALC65	GII	2		229
333	ALC69	EII	2		199
334	ALC69	FI	below wall 1		462
335	ALC69	EIII	2		177
336	ALC64	AAI	1		16
337	ALC65	EII	U/S		240
338	ALC68	EE	2		428
339	ALC65	E	U/S		192
340	ALC65	EIII	1		175

- No. Suler
- 341 'CONSTANTIUS II' denom: - Obv DN CONSTANTIVS PFAVG
 date: 353+ mint: - cat: c.as 8TR359,CK76 Rev FEL TEMP REPARATIO FH3
 diam: 15.0 mm wt: 1.6 g wear: SW/SW
- 342 'CONSTANTIUS II' denom: - Obv DN CONSTAN-TIVS PFAVG
 date: 353+ mint: - cat: c.as 8TR359,CK76 Rev FEL TEMP REPARATIO FH3
 diam: 11.0 mm wt: 0.8 g wear: C/?SW
- 343 'CONSTANTIUS II' denom: - Obv DN CONSTANTIVS PFAVG
 date: 353+ mint: - cat: c.as 8TR359,CK76 Rev FEL TEMP REPARATIO FH3
 diam: 10.0 mm wt: 0.3 g wear: UW/UN
- 344 'CONSTANTIUS II' denom: - Obv DN CONSTANTIVS PFAVG
 date: 353+ mint: - cat: c.as 8TR359,CK76 Rev FEL TEMP REPARATIO FH3
 diam: 12.0 mm wt: 0.7 g wear: UW/UN
- 345 'CONSTANTIUS II' denom: - Obv DN CONSTANTIVS PFAVG
 date: 353+ mint: - cat: c.as 8TR359,CK76 Rev FEL TEMP REPARATIO FH3
 diam: 9.0 mm wt: 0.6 g wear: SW/SW
- 346 'CONSTANTIUS II' denom: - Obv DN CONSTANTIVS PFAVG
 date: 353+ mint: - cat: c.as 8TR359,CK76 Rev FEL TEMP REPARATIO FH3
 diam: 13.0 mm wt: 0.8 g wear: W/SW
- 347 'CONSTANTIUS II' denom: - Obv DN CONSTANTIVS PFAVG
 date: 353+ mint: - cat: c.as 8TR359,CK76 Rev FEL TEMP REPARATIO FH3
 diam: 10.0 mm wt: 0.7 g wear: SW/SW
- 348 'CONSTANTIUS II' denom: - Obv DN CONSTANTIVS PFAVG
 date: 353+ mint: - cat: c.as 8TR359,CK76 Rev FEL TEMP REPARATIO FH3
 diam: 14.0 mm wt: 1.4 g wear: SW/SW
- 349 'CONSTANTIUS II' denom: - Obv DN CONSTANTIVS PFAVG
 date: 353+ mint: - cat: c.as 8TR359,CK76 Rev FEL TEMP REPARATIO FH3
 diam: 11.5 mm wt: 0.5 g wear: SW/SW
- 350 'CONSTANTIUS II' denom: - Obv DN CONSTANTIVS PFAVG
 date: 353+ mint: - cat: c.as 8TR359,CK76 Rev FEL TEMP REPARATIO FH3
 diam: 13.5 mm wt: 1.5 g wear: SW/SW

No.	Site	Area,Trench	Layer	Phase	CO find no
341	ALC65	EIV	6	XIII	216
342	ALC64	AAII	2		63
343	ALC65	FI	1		320
344	ALC65	GI	2	IV	183
345	ALC64	AAII	1		52
346	ALC65	GIV	1A		333
347	ALC65	EVII	1		464
348	ALC65	GIV	1A		283
349	ALC65	EV	1		323
350	ALC65	GIV	1		331

No. 351	'CONSTANTIUS II'	denom: -	Obv DN CONSTAN-TIVS PFAVG
	date: 353+ mint: -	cat: c.as 8TR359,CK76	Rev FEL TEMP REPARATIO FH3
	diam: 15.0 mm wt: 2.0 g	wear: W/W	
No. 352	'CONSTANTIUS II'	denom: -	Obv DN CONSTANTIUS PFAVG
	date: 353+ mint: -	cat: c.as 8TR359,CK76	Rev FEL TEMP REPARATIO FH3
	diam: 10.5 mm wt: 0.8 g	wear: SW/SW	
No. 353	'CONSTANTIUS II'	denom: -	Obv DN CONSTANTIUS PFAVG
	date: 353+ mint: -	cat: c.as 8TR359,CK76	Rev FEL TEMP REPARATIO FH3
	diam: 7.5 mm wt: 0.4 g	wear: UN/UN	
No. 354	'CONSTANTIUS II'	denom: -	Obv DN CONSTANTIUS PFAVG
	date: 353+ mint: -	cat: c.as 8TR359,CK76	Rev FEL TEMP REPARATIO FH3
	diam: 11.0 mm wt: 0.6 g	wear: UN/UN	
No. 355	'CONSTANTIUS II'	denom: -	Obv DN CONSTANTIUS PFAVG
	date: 353+ mint: -	cat: c.as 8TR359,CK76	Rev FEL TEMP REPARATIO FH3
	diam: 13.5 mm wt: 1.0 g	wear: SW/SW	
No. 356	'CONSTANTIUS II'	denom: -	Obv -
	date: 353+ mint: -	cat: c.as 8TR359,CK76	Rev FEL TEMP REPARATIO FH3
	diam: 11.5 mm wt: 0.5 g	wear: UN/UN	
No. 357	'CONSTANTIUS II'	denom: -	Obv DN CONSTANTIUS PFAVG
	date: 353+ mint: -	cat: c.as 8TR359,CK76	Rev FEL TEMP REPARATIO FH3
	diam: 13.0 mm wt: 1.0 g	wear: SW/SW	
No. 358	'CONSTANTIUS II'	denom: -	Obv DN CONSTANTIUS PFAVG
	date: 353+ mint: -	cat: c.as 8TR359,CK76	Rev FEL TEMP REPARATIO FH3
	diam: 14.0 mm wt: 0.9 g	wear: UN/UN	
No. 359	'CONSTANTIUS II'	denom: -	Obv DN CONSTANTIUS PFAVG
	date: 353+ mint: -	cat: c.as 8TR359,CK76	Rev FEL TEMP REPARATIO FH3
	diam: 9.0 mm wt: 0.7 g	wear: SM/SW	
No. 360	'CONSTANTIUS II'	denom: -	Obv DN CONSTANTIUS PFAVG
	date: 353+ mint: -	cat: c.as 8TR359,CK76	Rev FEL TEMP REPARATIO FH3
	diam: 19.5 mm wt: 1.8 g	wear: UN/UN	

No.	Site	Area,Trench	Layer	Phase	CO find no
351	ALC64	AXI	2		3
352	ALC65	GIV	21	VI	424
353	ALC65	EXII	2		185
354	ALC65	DI	1a		237
355	ALC65	E	U/S		473
356	ALC65	GII	1		203
357	ALC65	GIV	1		342
358	ALC65	DI	U/S		364
359	ALC65	ETV	1		253
360	ALC65	EV	1		295

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No.	Ruler	denom:	Obv
361	'CONSTANTIUS II' OVERSTR. date: 353+ mint: - diam: 16.0 mm wt: 0.9 g	cat: c.as STR359,CK76 wear: SW/SW	{DN CONSTANTIVS PPAVG} a. {GLORIA EXERCITVS} 1 std. Rev {FEL TEMP REPARATIO} FH3 on laur.hd.r., as STR58, UW/SW
362	'CONSTANTIUS II' HYBRID date: 353+ mint: - diam: 16.0 mm wt: 2.3 g	cat: c.as STR359,CK76 wear: W/W	Obv Head of Magnentius Rev FEL TEMP REPARATIO FH3
363	CONSTANTIUS II/CONSTANS date: 341-46 mint: TR diam: 14.0 mm wt: 1.4 g	cat: STR204/6,HK157b/9 wear: SW/SW	Obv - Double struck Rev {VICTORIAE DDAVGGQNN}
364	CONSTANTIUS II/CONSTANS date: 346-48 mint: - diam: 16.5 mm wt: 1.9 g	cat: as STR181,HK137 wear: SW/SW	Obv - Rev VICTORIAE DDAVGGQNN
365	CONSTANTIUS II/CONSTANS date: 346-48 mint: - diam: 15.5 mm wt: 1.0 g	cat: as STR181,HK137 wear: SW/SW	Obv - Rev VICTORIAE DDAVGGQNN
366	CONSTANTIUS II/CONSTANS date: 346-48 mint: - diam: 16.0 mm wt: 0.8 g	cat: as STR181,HK137 wear: C/C	Obv - Rev VICTORIAE DDAVGGQNN
367	CONSTANTIUS II/CONSTANS date: 346-48 mint: - diam: 14.0 mm wt: 0.7 g	cat: as STR181,HK137 wear: UW/UW	Obv - Rev VICTORIAE DDAVGGQNN
368	CONSTANTIUS II/CONSTANS date: 346-48 mint: - diam: 15.5 mm wt: 1.0 g	cat: as STR181,HK137 wear: UW/UW	Obv - Rev VICTORIAE DDAVGGQNN
369	CONSTANTIUS II/CONSTANS date: 346-48 mint: - diam: 10.5 mm wt: 0.4 g	cat: as STR195,HK148 wear: C/SV	Obv - Rev VICTORIAE DDAVGGQNN
370	CONSTANTIUS II/CONSTANS date: 346-48 mint: TR diam: 16.0 mm wt: 0.6 g	cat: as STR193,HK145 wear: SW/SW	Obv - Rev VICTORIAE DDAVGGQNN

No.	Site	Area,Trench	Layer	Phase	OO find no
361	ALC65	GIV	U/S		449
362	ALC65	EV	1		375
363	ALC65	EV	2		334
364	ALC65	DII	15	VIII	289
365	ALC65	GIV	1A		396
366	ALC65	GIV	1		332
367	ALC65	GIV	1A		367
368	ALC64	BIV	U/S		53
369	ALC65	ATI	2		267
370	ALC65	GIV	1		282

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No. Ruler

371	HOUSE OF CONSTANTINE	denom: -	Obv ...TINV..
	date: 318-35 mint: -	cat: -	Rev -
	diam: 17.5 mm wt: 1.2 g wear: C/C		
372	HOUSE OF CONSTANTINE	denom: -	Obv -
	date: 330-35 mint: -	cat: as 7TR518,HK48	Rev GLORIA EXERCITVS 2 stds.
	diam: 13.0 mm wt: 1.0 g wear: SW/OW		
373	HOUSE OF CONSTANTINE	denom: -	Obv -
	date: 330-35 mint: -	cat: as 7TR520,HK49	Rev GLORIA EXERCITVS 2 stds.
	diam: 14.5 mm wt: 1.0 g wear: SW/SW		
374	HOUSE OF CONSTANTINE	denom: -	Obv -
	date: 330-46 mint: -	cat: -	Rev -
	diam: 14.5 mm wt: 0.8 g wear: C/C		
375	HOUSE OF CONSTANTINE	denom: -	Obv -
	date: 330-48 mint: -	cat: -	Rev -
	diam: 15.0 mm wt: 0.8 g wear: C/SW		
376	HOUSE OF CONSTANTINE	denom: -	Obv -
	date: 335-37 mint: -	cat: as 7TR592var.,HK89	Rev GLORIA EXERCITVS 1 std.
	diam: 13.0 mm wt: 1.1 g wear: SW/SW		
377	HOUSE OF CONSTANTINE	denom: -	Obv -
	date: 335-41 mint: -	cat: as 7TR590var.,HK87	Rev GLORIA EXERCITVS 1 std.
	diam: 15.0 mm wt: 1.0 g wear: SW/SW		
378	HOUSE OF CONSTANTINE	denom: -	Obv CONSTAN...
	date: 335-41 mint: -	cat: as 7TR590var.,HK87	Rev GLORIA EXERCITVS 1 std.
	diam: 14.5 mm wt: 0.9 g wear: SW/C		
379	HOUSE OF CONSTANTINE	denom: -	Obv -
	date: 335-41 mint: AR	cat: as 7AR403,HK406	Rev GLORIA EXERCITVS 1 std.
	diam: 14.0 mm wt: 0.9 g wear: OW/OW		
380	HOUSE OF CONSTANTINE	denom: -	Obv -
	date: 335-64 mint: -	cat: -	Rev -
	diam: 13.0 mm wt: 0.5 g wear: C/C		

No.	Site	Area,Trench	Layer	Phase	OO find no
371	ALC65	GIII	U/S		410
372	ALC65	JI	1		377
373	ALC65	GIV	1A		281
374	ALC65	GIA	2	IX	197
375	ALC65	GIV	14	X	373
376	ALC64	CVI	U/S		96
377	ALC65	LXI	13	III	483
378	ALC65	DII	top.		129
379	ALC65	GIV	12	V	411
380	ALC65	EI	1		142

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No. Ruler					
381 HOUSE OF CONSTANTINE	denom: -			Obv -	
date: 337-41 mint: -	cat: as 8TR106, HK134			Rev GLORIA EXERCITVS 1 std.	
diam: 14.0 mm wt: 0.6 g	wear: 7SM/SW				
382 'HOUSE OF CONSTANTINE'	denom: -			Obv -	
date: 341-46 mint: -	cat: c.as 7TR54, HK68			Rev GLORIA EXERCITVS 2 stds.	
diam: 14.5 mm wt: 1.4 g	wear: W/W				
383 'HOUSE OF CONSTANTINE'	denom: -			Obv -	
date: 341-46 mint: -	cat: c.as 7TR590v, HK87			Rev GLORIA EXERCITVS 1 std.	
diam: 13.0 mm wt: 0.6 g	wear: 7W/SW				
384 MAGNENTIUS	denom: -			Obv DN MAGNEN-TIVS PFAVG	
date: 350-51 mint: LG	cat: 8LG116, CK215			Rev GLORIA RO-MANORVM	
diam: 21.5 mm wt: 3.0 g	wear: SW/SW				
385 MAGNENTIUS	denom: -			Obv DN MAGNEN-TIVS PFAVG	
date: 350-51 mint: TR	cat: 8TR262, CK49			Rev FELICITAS REIPVBLICE	
diam: 23.0 mm wt: 4.2 g	wear: UW/UW				
386 MAGNENTIUS	denom: -			Obv DN MAGN-ENTIVS PFAVG	
date: 350-51 mint: TR	cat: 8TR264, CK50			Rev FELICITAS REIPVBLICE	
diam: 22.5 mm wt: 3.8 g	wear: SW/SW				
387 MAGNENTIUS	denom: -			Obv DN MAGNENTIUS PFAVG	
date: 350-52 mint: -	cat: as 8AN11, CK8			Rev VICTORIAE DDNN AVGETCAE	
diam: 14.0 mm wt: 1.2 g	wear: W/SW				
388 MAGNENTIUS	denom: -			Obv DN MAGNE-NTIVS PFAVG	
date: 351-53 mint: -	cat: as 8AN11, CK8			Rev VICTO. AE DDNN AVGETCAE	
diam: 18.0 mm wt: 1.8 g	wear: SW/UW				
389 MAGNENTIUS	denom: -			Obv DN MAGNENTIUS PFAVG	
date: 351-53 mint: AM	cat: 8AR5, CK5			Rev VICTORIAE DDNN AVGETCAE	
diam: 19.0 mm wt: 1.8 g	wear: 7SM/UW				
390 MAGNENTIUS	denom: -			Obv DN MAGNENTIUS PFAVG	
date: 351-53 mint: LG	cat: 8LG130, CK223			Rev VICTORIAE DDNN AVGETCAE	
diam: 17.5 mm wt: 1.7 g	wear: SW/SW				

No.	Site	Area, Trench	Layer	Phase	CO find no
381	ALC65	GTV	1A		414
382	ALC65	GTV	1A		395
383	ALC64	AIX	21		12
384	ALC65	GIII	4	VI	399
385	ALC64	CI	16		61
386	ALC65	FIVA	top.		459
387	ALC65	G	U/S		259
388	ALC65	DI	120	VI	288
389	ALC65	GI	U/S		161
390	ALC65	GV	1		453

No. Ruler					
391 MAGNENTIUS	date: 351-53	mint: TR	denom: -	cat: 6TR307,CK56	Obv DN MAGNENTIVS PPAVG Rev VICTORIAE DDN AVGETCAE
	diam: 21.5 mm	wt: 4.0 g	wear: UM/UM		
392 'MAGNENTIUS'	date: 351+	mint: -	denom: -	cat: c.as 8AK5,CK5	Obv DN MAGNENTIVS PPAVG Rev VICTORIAE DDN AVGETCAE
	diam: 17.0 mm	wt: 1.6 g	wear: SM/SM		
393 VALENTINIAN I	date: 364-67	mint: LG	denom: -	cat: CK273	Obv DN VALENTINIANVS PPAVG Rev RESTITVTOR REIP
	diam: 19.5 mm	wt: 2.0 g	wear: W/W		
394 VALENTINIAN I	date: 364-67	mint: -	denom: -	cat: as CK279	Obv DN VALENTINI-ANVS PPAVG Rev GLORIA RO-MANORVM
	diam: 18.0 mm	wt: 2.0 g	wear: W/W		
395 VALENTINIAN I	date: 364-67	mint: LG	denom: -	cat: CK281	Obv DN VALENTINI-ANVS PPAVG Rev GLORIA RO-MANORVM
	diam: 18.0 mm	wt: 1.8 g	wear: SM/UM		
396 VALENTINIAN I	date: 364-67	mint: LG	denom: -	cat: CK281	Obv DN VALENTINI-ANVS PPAVG Rev GLORIA RO-MANORVM
	diam: 17.5 mm	wt: 1.6 g	wear: W/W		
397 VALENTINIAN I	date: 364-78	mint: -	denom: -	cat: as CK275	Obv DN VALENTINI-ANVS PPAVG Rev GLORIA RO-MANORVM
	diam: 17.0 mm	wt: 1.9 g	wear: SM/UM		
398 VALENTINIAN I	date: 367-75	mint: -	denom: -	cat: as CK92	Obv DN VALENTINI-ANVS PPAVG Rev GLORIA RO-MANORVM
	diam: 17.0 mm	wt: 2.2 g	wear: SM/SM		
399 VALENTINIAN I	date: 367-75	mint: -	denom: -	cat: as CK92	Obv DN VALENTINI-ANVS PPAVG Rev GLORIA RO-MANORVM
	diam: 17.0 mm	wt: 2.1 g	wear: SM/SM		
400 VALENTINIAN I	date: 367-75	mint: LG	denom: -	cat: CK325	Obv DN VALENTINI-ANVS PPAVG Rev GLORIA RO-MANORVM
	diam: 17.0 mm	wt: 2.4 g	wear: W/W		

No.	Site	Area,Trench	Layer	Phase	CO find no
391	ALC64	B1a	12	IV	92
392	ALC65	F1	+		314
393	ALC65	D1	top.		126
394	ALC65	G1A	1A		450
395	ALC65	K1V	6	XIII	217
396	ALC65	E1V	1		359
397	ALC64	B1a	15	IV	98
398	ALC65	K1V	15	XIII	249
399	ALC65	K1V	1		254
400	ALC65	F1	3		339

No. Ruler					
401 VALENTINIAN I	date: 364-75	mint: -	denom: -	cat: as CK275	Obv DN VALENTINI-ANVS PFAVG Rev SECVRITAS REIPVELICAE
	diam: 19.0 mm	wt: 1.8 g	wear: SW/SW		
402 VALENTINIAN I	date: 367-75	mint: -	denom: -	cat: as CK96	Obv DN VALENTINI-ANVS PFAVG Rev SECVRITAS REIPVELICAE
	diam: 18.0 mm	wt: 2.3 g	wear: ?SW/SW		
403 VALENTINIAN I	date: 367-75	mint: AR	denom: -	cat: CK501	Obv DN VALENTINI-ANVS PFAVG Rev SECVRITAS REIPVELICAE
	diam: 17.5 mm	wt: 2.2 g	wear: SW/SW		
404 VALENS	date: 364-78	mint: -	denom: -	cat: as CK93	Obv DN VALEN-S PFAVG Rev GLORIA RO-MANORVM
	diam: 17.5 mm	wt: 1.6 g	wear: SW/SW		
405 VALENS	date: 367-75	mint: -	denom: -	cat: as CK513	Obv DN VALEN-S PFAVG Rev GLORIA RO-MANORVM
	diam: 17.0 mm	wt: 1.6 g	wear: SW/SW		
406 VALENS	date: 367-75	mint: AR	denom: -	cat: as CK513	Obv DN VALEN-S PFAVG Rev GLORIA RO-MANORVM
	diam: 17.5 mm	wt: 2.1 g	wear: W/W		
407 VALENS	date: 367-78	mint: -	denom: -	cat: as CK301	Obv DN VALEN-S PFAVG Rev GLORIA RO-MANORVM
	diam: 18.0 mm	wt: 1.9 g	wear: ?W/W		
408 VALENS	date: 367-75	mint: AR	denom: -	cat: CK502	Obv DN VALEN-S PFAVG Rev SECVRITAS REIPVELICAE
	diam: 18.0 mm	wt: 2.0 g	wear: W/W		
409 VALENS	date: 367-75	mint: AR	denom: -	cat: CK528	Obv DN VALEN-S PFAVG Rev [SECVRITAS REIPVELICAE]
	diam: 17.0 mm	wt: 1.5 g	wear: ?SW/SW		
410 VALENS	date: 367-75	mint: AR	denom: -	cat: as CK523	Obv DN VALEN-S PFAVG Rev SECVRITAS REIPVELICAE
	diam: 17.0 mm	wt: 1.8 g	wear: SW/SW		

No.	Site	Area,Trench	Layer	Phase	CD find no
401	ALCES	EII	1		148
402	ALCES	GIV	1		352
403	ALCES	FIX	+		310
404	ALCES	EIII	1		170
405	ALCES	EV	2		296
406	ALCES	GI	21		205
407	ALCES	GI	0/8		162
408	ALCES	GI	12	VIII	256
409	ALCES	FI	1		307
410	ALCES	S	0/8		169

No. 411	VALENS	date: 367-75	mint: LG	diam: 16.5 mm	wt: 2.1 g	denom: -	cat: CK340	wear: W/W	Obv DN VALEN-S PFAVG	Rev SECVRITAS REIPVBLICAE
No. 412	VALENS	date: 367-75	mint: HM	diam: 17.0 mm	wt: 1.9 g	denom: -	cat: CK725	wear: W/W	Obv DN VALEN-S PFAVG	Rev SECVRITAS REIPVBLICAE
No. 413	GRATIAN	date: 367-75	mint: AR	diam: 16.5 mm	wt: 2.4 g	denom: -	cat: as CK505	wear: SW/SW	Obv DN GRATIANVS AVGG AVG	Rev GLORIA RO-VI SARCVLII
No. 414	HOUSE OF VALENTINIAN	date: 364-78	mint: -	diam: 17.5 mm	wt: 2.1 g	denom: -	cat: as CK275	wear: ?SM/SW	Obv -	Rev GLORIA RO-MANORVM
No. 415	HOUSE OF VALENTINIAN	date: 364-78	mint: -	diam: 16.5 mm	wt: 1.4 g	denom: -	cat: as CK275	wear: ?SM/SW	Obv -	Rev GLORIA RO-MANORVM
No. 416	HOUSE OF VALENTINIAN	date: 364-78	mint: -	diam: 19.0 mm	wt: 2.3 g	denom: -	cat: as CK275	wear: C/?SW	Obv -	Rev GLORIA RO-MANORVM
No. 417	HOUSE OF VALENTINIAN	date: 364-78	mint: -	diam: 18.0 mm	wt: 2.1 g	denom: -	cat: as CK275	wear: SM/SW	Obv -	Rev GLORIA RO-MANORVM
No. 418	HOUSE OF VALENTINIAN	date: 367-75	mint: -	diam: 17.5 mm	wt: 1.5 g	denom: -	cat: as CK338	wear: ?SM/C	Obv -	Rev GLORIA RO-MANORVM
No. 419	VALENTINIAN II	date: 388-92	mint: RM	diam: 12.0 mm	wt: 0.8 g	denom: -	cat: CK796	wear: W/W	Obv DN VALENTINI-ANVS PFAVG	Rev SALVS REI-PVBLICAE
No. 420	THEODOSIUS I	date: 394-95	mint: LG	diam: 14.0 mm	wt: 0.8 g	denom: -	cat: CK394	wear: SW/SW	Obv DN THEODO-SIVS PFAVG	Rev VICTOR-IA AVGGG

No.	Site	Area, Trench	Layer	Phase	CD find no
411	ALC65	FIV	+		337
412	ALC65	GI	106A	V	387
413	ALC65	FI	+		319
414	ALC65	RIII	1		136
415	ALC64	AAIII	U/S		86
416	ALC64	AKIV	29		84
417	ALC65	RIII	1		149
418	ALC65	RII	1		309
419	ALC65	FIV	+		312
420	ALC65	EVII	1		466

No. Suler				
421	HOUSE OF THEODOSIUS	denom: -	Obv -	
	date: 300-400 mint: -	cat: -	Rev	(SALVE REIPUBLICAE)
	diam: 10.0 mm wt: 0.3 g	wear: C/SW		
422	ILLEGIBLE C1ST	denom: AS	Obv -	
	date: C1st mint: -	cat: -	Rev -	
	diam: 26.0 mm wt: 9.5 g	wear: C/C		
423	ILLEGIBLE C1ST-3RD COPY	denom: DENsp1	Obv -	
	date: C1-3rd mint:	cat: c.of -	Rev -	
	diam: 17.5 mm wt: 2.7 g	wear: C/C		
424	ILLEGIBLE C1ST/2ND	denom: AS	Obv -	
	date: C1/2nd mint: -	cat: -	Rev -	
	diam: 27.0 mm wt: 7.0 g	wear: C/C		
425	ILLEGIBLE C1ST/2ND	denom: DP/AS	Obv -	
	date: C1/2nd mint: -	cat: -	Rev -	
	diam: 27.0 mm wt: 7.2 g	wear: VW/VW		
426	ILLEGIBLE C1ST/2ND	denom: SEST	Obv -	
	date: C1/2nd mint: -	cat: -	Rev -	
	diam: 31.0 mm wt: 13.0 g	wear: C/C		
427	ILLEGIBLE C1ST/2ND	denom: DP/AS	Obv -	
	date: C1/2nd mint: RM	cat: -	Rev -	(SC)
	diam: 28.0 mm wt: 9.4 g	wear: C/C		
428	ILLEGIBLE C3RD	denom: DEN	Obv -	
	date: C3rd mint: -	cat: -	Rev -	
	diam: 0.0 mm wt: 0.0 g	wear: C/C		
429	ILLEGIBLE C4TH	denom: -	Obv -	
	date: C4th mint: -	cat: -	Rev -	
	diam: 10.0 mm wt: 0.6 g	wear: SW/SW		
430	ILLEGIBLE C4TH	denom: -	Obv -	
	date: C4th mint: -	cat: -	Rev -	
	diam: 9.5 mm wt: 0.3 g	wear: C/C		

No.	Site	Area.Trench	Layer	Phase	CO find no
421	ALC63	GIV	12	V	413
422	ALC64	AAIn	30	VI	30
423	ALC63	JI	1		303
424	ALC63	DI	175	I	393
425	ALC64	CII	1a		93
426	ALC63	DI	36	VI	290
427	ALC63	FI	01	X	487
428	ALC63	GIV	1A		376
429	ALC63	ETI	2		300
430	ALC63	G	0/8		234

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No. Suler					
431 ILLINOIS C6TH (MIDGEM)	denom: -			Obv -	
date: C6th mint: -	cat: -			Rev -	
diam: 9.0 mm wt: 0.6 g	wear: -				
432 ILLINOIS C6TH	denom: -			Obv -	
date: C6th mint: -	cat: -			Rev -	
diam: 12.5 mm wt: 1.2 g	wear: C/C				
433 ILLINOIS C6TH	denom: -			Obv -	
date: C6th mint: -	cat: -			Rev -	
diam: 15.0 mm wt: 1.5 g	wear: SW/SW				
434 ILLINOIS C6TH	denom: -			Obv -	
date: C6th mint: -	cat: -			Rev -	
diam: 13.5 mm wt: 0.8 g	wear: C/C				
435 ILLINOIS C6TH	denom: -			Obv -	
date: C6th mint: -	cat: -			Rev -	
diam: 9.5 mm wt: 0.5 g	wear: C/C				
436 ILLINOIS C6TH	denom: -			Obv -	
date: C6th mint: -	cat: -			Rev -	
diam: 13.5 mm wt: 1.4 g	wear: TW/C				
437 ILLINOIS C6TH	denom: -			Obv -	
date: C6th mint: -	cat: -			Rev -	
diam: 15.0 mm wt: 1.6 g	wear: C/C				
438 ILLINOIS C6TH	denom: -			Obv -	
date: C6th mint: -	cat: -			Rev -	
diam: 13.5 mm wt: 1.2 g	wear: SW/SW				
439 ILLINOIS C6TH	denom: -			Obv -	
date: C6th mint: -	cat: -			Rev -	
diam: 15.0 mm wt: 1.2 g	wear: SW/SW				
440 ILLINOIS C6TH	denom: -			Obv -	
date: C6th mint: -	cat: -			Rev -	
diam: 17.0 mm wt: 0.4 g	wear: C/C				

No.	Site	Area, Trench	Layer	Phase	CO find no
431	ALC65				7322
					Coin missing: card reads "May be 322"
432	ALC64	C11	1a		97
433	ALC65	F111	1		356
434	ALC64	AA111	9		43
435	ALC65	G1V	1		330
436	ALC64	AK11A	top.		110
437	ALC65	G1V	1A		408
438	ALC65	G1V	12	V	422
439	ALC65	G1A	60	V	429
440	ALC65	G1V	18	VI	431

No. Puler				
441 ILLINOIS COIN COPY	denom: -	Obv Head laureate		
date: C4th mint: -	cat: -	Rev -		
diam: 8.0 mm wt: 0.2 g	wear: SW/OW			
442 ILLINOIS	denom: -	Obv -		
date: - mint: -	cat: -	Rev -		
diam: 10.0 mm wt: 0.2 g	wear: C/SW			
443 ILLINOIS	denom: -	Obv -		
date: - mint: -	cat: -	Rev -		
diam: 14.0 mm wt: 0.8 g	wear: C/C			
444 ILLINOIS	denom: -	Obv -		
date: - mint: -	cat: -	Rev -		
diam: 15.0 mm wt: 1.2 g	wear: C/C			
445 ILLINOIS	denom: -	Obv -		
date: - mint: -	cat: -	Rev -		
diam: 10.5 mm wt: 0.5 g	wear: C/C			
446 ILLINOIS	denom: -	Obv -		
date: - mint: -	cat: -	Rev -		
diam: 11.5 mm wt: 0.6 g	wear: C/C			
447 ILLINOIS	denom: -	Obv -		
date: - mint: -	cat: -	Rev -		
diam: 7.5 mm wt: 0.3 g	wear: C/C			
448 ILLINOIS	denom: -	Obv -		
date: - mint: -	cat: -	Rev -		
diam: 17.0 mm wt: 2.7 g	wear: C/C			
449 ILLINOIS	denom: -	Obv -		
date: - mint: -	cat: -	Rev -		
diam: 13.5 mm wt: 1.1 g	wear: C/C			
450 ILLINOIS	denom: -	Obv -		
date: - mint: -	cat: -	Rev -		
diam: 9.5 mm wt: 0.6 g	wear: SW/SW			

No.	Site	Area, Trench	Layer	Phase	CO find no
441	ALCES	FIV	+		355
442	ALCES	EIV	1		172
443	ALCES	GIV	32	VI	445
444	ALCES	GIV	12	V	409
445	ALCES	GIV	1A		280
446	ALCES	FVII	+		308
447	ALCES	EVI	1		133
448	ALCES	GI	0/8		159
449	ALCES	G	0/8		231
450	ALCES	EVII	1		409

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No. 451	ILLEGIBLE	denom: -	Obv -
	date: - mint: -	cat: -	Rev -
	diam: 9.5 mm wt: 0.4 g	wear: UW/UW	
No. 452	ILLEGIBLE FRAGMENT	denom: -	Obv -
	date: - mint: -	cat: -	Rev -
	diam: 13.0 mm wt: 0.3 g	wear: C/C	
No. 453	ILLEGIBLE FRAGMENTS	denom: -	Obv -
	date: - mint: -	cat: -	Rev -
	diam: 0.0 mm wt: 0.0 g	wear: C/C	
No. 454	ILLEGIBLE FRAGMENTS	denom: -	Obv -
	date: - mint: -	cat: -	Rev -
	diam: 21.0 mm wt: 1.7 g	wear: C/C	
No. 455	ILLEGIBLE FRAGMENT	denom: -	Obv -
	date: - mint: -	cat: -	Rev -
	diam: 13.0 mm wt: 0.6 g	wear: C/C	
No. 456	ILLEGIBLE FRAGMENTS	denom: -	Obv -
	date: - mint: -	cat: -	Rev -
	diam: 17.0 mm wt: 1.5 g	wear: C/C	
No. 457	ILLEGIBLE FRAGMENTS	denom: -	Obv -
	date: - mint: -	cat: -	Rev -
	diam: 0.0 mm wt: 0.0 g	wear: C/C	
No. 458	ILLEGIBLE FRAGMENTS	denom: -	Obv -
	date: - mint: -	cat: -	Rev -
	diam: 15.0 mm wt: 0.4 g	wear: C/C	
No. 459	ILLEGIBLE FRAGMENT	denom: -	Obv -
	date: - mint: -	cat: -	Rev -
	diam: 12.0 mm wt: 0.6 g	wear: SW/SW	
No. 460	ILLEGIBLE FRAGMENTS	denom: -	Obv -
	date: - mint: -	cat: -	Rev -
	diam: 24.0 mm wt: 2.3 g	wear: C/C	

No.	Site	Area, Trench	Layer	Phase	CO find no
451	ALCES	KII	2		220
452	ALCES	DII	14		287
453	ALCES	ANVII	top.		107
454	ALCES	LXI	6	IV	482
456	ALCES	FI	3		343
456	ALCES	QIV	12	V	412
457	ALCES	DI	63	VI	248
460	ALCES	KII	23A	III	317
460	ALCES	QIV	1A		204
460	ALCES	KII	2		207

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No. Ruler					
461	ILLEGIBLE FRAGMENT	denom: -		Obv -	
	date: - mint: - cat: -			Rev -	
	diam: 15.5 mm wt: 0.8 g wear: C/C				
462	ILLEGIBLE FRAGMENTS	denom: -		Obv -	
	date: - mint: - cat: -			Rev -	
	diam: 13.0 mm wt: 0.6 g wear: C/C				
463	ILLEGIBLE COPI	denom: -		Obv -	
	date: - mint: - cat: -			Rev -	
	diam: 8.5 mm wt: 20.0 g wear: SW/SW				
464	HENRY II AR	denom: 1/4d		Obv -	
	date: 1180s mint: YK cat: -			Rev -	
	diam: 13.0 mm wt: 0.2 g wear: W/W				
465	EDWARD II	denom:		Obv -	
	date: 1321-22 mint: LN cat: -			Rev -	
	diam: 18.0 mm wt: 0.9 g wear: W/W				
466	ELIZABETH I	denom: 3d?		Obv -	
	date: 1558+ mint: cat: -			Rev -	
	diam: 17.0 mm wt: 0.6 g wear: EW/EW				
467	ELIZABETH I	denom: AR 6d		Obv	
	date: 1585 mint: cat: N.2015			Rev	
	diam: 26.0 mm wt: 2.9 g wear: VW/VW				
468	NUREMBERG JETTON	denom: JETT		Obv WOLF.LAUFER.IN.NUREMBERG.RECHT	
	date: C16th mint: cat: B.88var.			Rev GOTTES.SEGEN.NACHT.REICH	
	diam: 23.0 mm wt: 1.5 g wear: W/W				
469	NUREMBERG JETTON	denom: JETT		Obv WOLF.LAUFER.IN.NUREMBERG...	
	date: C16th mint: cat: B88			Rev GOTTES.SEGEN.NACHT.REICH.	
	diam: 21.5 mm wt: 0.9 g wear: VW/VW				
470	CHARLES I	denom: 1/4d		Obv CAROLVS D G MAG BRIT	
	date: 1625-49 mint: cat: PCK305-310			Rev FRAN ET HIS REK	
	diam: 13.5 mm wt: 0.7 g wear: ?SW/SW				

No.	Site	Area,Trench	Layer	Phase	OO find no
461	ALC65	DI	U/S		291
462	ALC64	AAIII	3		40
463	ALC65	FIV	2	XIII	369
464	ALC65	U/S	U/S		226
465	ALC65	CVIA	2a		164
466	ALC65	QIA	1A		210
467	ALC65	EIV	1		184
468	ALC65	HII	1		186
469	ALC65	DI	top.		113
470	ALC65	E	U/S		300

471 CHARLES I	denom: 1/4d	Obv CARO:D:G:MAG:ERI:
date: c1634 mint:	cat: PECK228-229	Rev FRA:ET:HIB:REX
diam: 16.0 mm wt: 0.3 g wear: W/W		
472 CHARLES I	denom: 1/4d	Obv CARO:D:G:MAG:ERI:
date: c1634 mint:	cat: PECK228-229	Rev FRA:ET:HIB:REX
diam: 15.0 mm wt: 0.3 g wear: W/W		
473 CHARLES I	denom: 1/4d	Obv CARO:D:G:MAG:ERI:
date: c1634 mint:	cat: PECK228-9	Rev FRA:ET:HIB:REX
diam: 17.0 mm wt: 0.6 g wear: W/W		
474 C17TH TOKEN	denom: TOKEN	Obv HENRY.IEPPREYS.HIS.HALFPENNY
date: c1660 mint:	cat: BOYNE(Worcs)20	Rev IN.BROCKGROVE
diam: 20.5 mm wt: 2.2 g wear: ?S/W/SW		
475 C17TH TOKEN	denom: TOKEN	Obv WILLIAM.CONSTABLE W.C
date: c1669 mint:	cat: BOYNE(Gloc)50	Rev MERCER.IN.CIRENCESTER.WC
diam: 15.0 mm wt: 0.9 g wear: VW/VW		
476 CHARLES II	denom: 1/2d	Obv CAROLUS I.I.-DEI.GRATIA
date: 1680 mint:	cat: D&W351	Rev MAG.BR.FRA.ET.HIB.REX
diam: 27.0 mm wt: 7.9 g wear: VW/VW		
477 C17TH	denom: 1/4d	Obv -
date: C17th mint:	cat: -	Rev -
diam: 17.0 mm wt: 0.8 g wear: W/W		
478 WILLIAM III	denom: 1/2d?	Obv GVLIELMVS...
date: 1690s mint:	cat: -	Rev BRITANNIA 169-
diam: 22.0 mm wt: 6.2 g wear: VW/VW		
479 WILLIAM III	denom: 6d	Obv GUILIELMVS.DEI.GRA
date: 1696 mint:	cat: -	Rev MAG.BR.FRA.ET.HIB.REX
diam: 20.5 mm wt: 2.9 g wear: VW/VW		
480 GEORGE II	denom: 1/2d	Obv GEORGIVS II.REX.
date: 1740-54 mint:	cat: PECK870-884	Rev BRITANNIA
diam: 28.0 mm wt: 8.5 g wear: SW/EW		

No.	Site	Area,Trench	Layer	Phase	CO find no
471	ALC65	JI	1		329
472	ALC65	JI	1		328
473	ALC65	E	U/S		182
474	ALC65	D	U/S		221
475	ALC65	DI	top.		121
476	ALC65	EII	2		190
477	ALC65	EIII	1		151
478	ALC65	EIV	1		486
479	ALC64	AXI	1		9
480	ALC65	DI	top.		120

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481	GEORGE III	denom: 1/2d	Obv GEORGIVS III REX
	date: 1773 mint:	cat: PBCK 904-906	Rev BRITANNIA
	diam: 29.0 mm wt: 9.6 g	wear: VW/VW	
482	GEORGE III	denom: 1/2d	Obv GEORGIVS III.D.G.REX
	date: 1805 mint:	cat: DAF596	Rev HIBERNIA
	diam: 28.0 mm wt: 8.2 g	wear: 7W/W	
483	GEORGE III	denom: 1/2d	Obv GEORGIVS III.D.G.REX
	date: 1806-7 mint:	cat: PBCK KH44-46	Rev BRITANNIA
	diam: 28.5 mm wt: 8.6 g	wear: EW/EW	
484	VICTORIA	denom: 1/2d	Obv VICTORIA D:G:-BRITT:REG:F:D
	date: 1862 mint:	cat: PBCK1776	Rev HALF PENNY
	diam: 25.5 mm wt: 5.3 g	wear: W/W	
485	VICTORIA	denom: AR 6d	Obv VICTORIA ...
	date: 1891 mint:	cat: -	Rev SIX PENCE in ex.: 1891
	diam: 19.0 mm wt: 2.7 g	wear: VW/VW	
486	COIN MISSING	denom: -	Obv -
	date: - mint: -	cat: -	Rev -
	diam: 0.0 mm wt: 0.0 g	wear: -	
487	COIN MISSING	denom: -	Obv -
	date: - mint: -	cat: -	Rev -
	diam: 0.0 mm wt: 0.0 g	wear: -	
488	COIN MISSING	denom: -	Obv -
	date: - mint: -	cat: -	Rev -
	diam: 0.0 mm wt: 0.0 g	wear: -	
489	NOT A COIN	denom: -	Obv -
	date: - mint: -	cat: -	Rev -
	diam: 21.5 mm wt: 2.4 g	wear: C/C	

No.	Site	Area,Trench	Layer	Phase	CO find no	
481	ALC65	GI	1		158	
482	ALC64	AXVI	top.		103	
483	ALC64	AV	1		7	
484	ALC64	AXVI	top.		104	
485	ALC65	GIV	1		279	
486	ALC64				6	Coin missing, no card: ? = cat.no. 249
487	ALC65				244	Coin missing, no card
488	ALC65				268	Coin missing, no card
489	ALC64	CI	1		101	

Table M10 Coins index 1, coin number order

Full details can be obtained by reference to the main catalogue, which is arranged by issuer and period.

CO find no	Cat no	Issuer	Date	Condition
1	304	CONSTANTIUS II	340-41	SW/W
2	128	TETRICUS II, CAESAR	270-73	W/W
3	351	'CONSTANTIUS II'	353+	W/W
4	209	CONSTANTINE I	330-31	W/W
5	300	CONSTANTIUS II	337-40	W/W
6	486	COIN MISSING	-	-
7	483	GEORGE III	1806-7	EW/EW
8	96	CLAUDIUS II, POSTH.	270	W/W
9	479	WILLIAM III	1696	VW/VW
10	103	POSTUMUS	259-68	W/W
11	110	VICTORINUS	268-70	W/W
12	383	'HOUSE OF CONSTANTINE'	341-46	?W/SW
13	142	ILLEGIBLE RADIATE	C3rd	?SW/C
14	82	GALLIENUS	260-68	SW/C
15	65	FAUSTINA II (ANT.PIUS)	145-61	VW/VW
16	216	CONSTANTINE I	332-33	W/SW
17	45	TRAJAN	112-14	W/W
18	336	'CONSTANTIUS II'	353+	SW/SW
19	168	CARAUSIUS	287-93	UW/SW
20	245	CONSTANTINE II, CAESAR	335-37	SW/SW
21	143	ILLEGIBLE RADIATE	C3rd	C/C
22	310	CONSTANTIUS II	348-50	UW/UW
23	58	HADRIAN	134-38	?W/W
24	9	'CLAUDIUS I'	41+	?W/W
25	266	THEODORA	337-40	SW/SW
26	260	HELENA	337-40	W/SW
27	92	CLAUDIUS II	268-70	W/W
28	224	CONSTANTINE I	335-37	SW/SW
29	86	GALLIENUS	260-68	SW/UW
30	264	HELENA	337-40	?SW/SW
31	130	TETRICUS II, CAESAR	270-73	SW/W
32	236	CONSTANTINE I, DIVO	337-40	W/SW
33	105	VICTORINUS	268-70	?SW/SW
34	156	RADIATE COPY	273+	SW/SW
35	87	GALLIENUS	260-68	W/W
36	100	'CLAUDIUS II, POSTH.'	270+	SW/C
37	106	VICTORINUS	268-70	UW/UW
38	140	ILLEGIBLE RADIATE	260-80	?W/W
39	68	'LUCIUS VERUS'	161+	VW/VW
40	462	ILLEGIBLE FRAGMENTS	-	C/C
41	321	'CONSTANTIUS II'	353+	?SW/SW
42	223	CONSTANTINE I	335-36	SW/SW
43	434	ILLEGIBLE C4TH	C4th	C/C
44	129	TETRICUS II, CAESAR	270-73	W/W
45	151	RADIATE COPY	273+	Sh. W
46	152	RADIATE COPY	273+	C/W
47	253	CONSTANTIUS II, CAESAR	335-37	SW/SW
48	60	ANTONINUS PIUS	140-44	?W/W
49	153	RADIATE COPY	273+	W/W
50	422	ILLEGIBLE C1ST	C1st	C/C
51	160	CARAUSIUS	287-90	?W/W
52	345	'CONSTANTIUS II'	353+	SW/SW
53	368	CONSTANTIUS II/CONSTANS	346-48	UW/UW

CO find no	Cat no	Issuer	Date	Condition
54	101	QUINTILLIUS	270	W/W
55	239	CONSTANTINE II, CAESAR	330-31	W/W
56	167	CARAUSIUS	287-93	C/UW
57	298	CONSTANS	348-50	SW/SW
58	163	CARAUSIUS	287-90	SW/SW
59	126	TETRICUS II, CAESAR	270-73	W/W
60	319	'CONSTANTIUS II'	353+	SW/SW
61	385	MAGNENTIUS	350-51	UW/UW
62	145	RADIATE COPY	273+	SW/C
63	342	'CONSTANTIUS II'	353+	C/?SW
64	89	SALONINA [GALLIENUS SOLE]	260-68	C/SW
65	6	TIBERIUS	14-37	W/W
66	185	CONSTANTINE I	322	SW/UW
67	123	'TETRICUS I'	273+	W/W
68	331	'CONSTANTIUS I'	353+	SW/UW
69	270	CONSTANTINE I. fragment	337-40	W/W
70	267	THEODORA fragment	337-40	SW/W
71	14	'CLAUDIUS I'	41+	VW/W
72	43	TRAJAN	103	VW/VW
73	231	'CONSTANTINE I'	341-46	UW/UW
74	162	CARAUSIUS	287-90	UW/UW
75	84	GALLIENUS	260-68	?W/W
76	242	CONSTANTINE II, CAESAR	332	SW/UW
77	157	RADIATE COPY	273+	SW/SW
78	154	RADIATE COPY	273+	C/C
79	41	TRAJAN	98-117	VW/EW
80	122	'TETRICUS I'	273+	C/C
81	218	CONSTANTINE I	330-31	SW/UW
82	135	'TETRICUS II, CAESAR'	273+	W/W
83	44	TRAJAN	103-11	SW/SW
84	416	HOUSE OF VALENTINIAN	364-78	C/?SW
85	258	HELENA	337-40	W/SW
86	415	HOUSE OF VALENTINIAN	364-78	?SW/SW
87	46	TRAJAN	114-17	?W/SW
88	38	NERVA	96-98	C/C
89	49	HADRIAN	117-38	W/W
90	83	GALLIENUS	260-68	C/W
91	226	CONSTANTINE I	336	W/W
92	391	MAGNENTIUS	351-53	UW/UW
93	175	CONSTANTINE I	310-12	SW/W
94	121	'TETRICUS I'	273+	C/C
95	425	ILLEGIBLE C1ST/2ND	C1/2nd	VW/VW
96	376	HOUSE OF CONSTANTINE	335-37	SW/SW
97	432	ILLEGIBLE C4TH	C4th	C/C
98	397	VALENTINIAN I	364-78	SW/UW
99	225	CONSTANTINE I	335-37	SW/UW
100	18	'CLAUDIUS I'	41+	C/C
101	489	NOT A COIN	-	C/C
102	294	CONSTANS	346-48	UW/UW
103	482	GEORGE III	1805	?W/W
104	484	VICTORIA	1862	W/W
105	138	'TETRICUS II, CAESAR'	273+	?SW/SW
106	42	TRAJAN	99-100	?SW/C
107	453	ILLEGIBLE FRAGMENTS	-	C/C
108	73	CARACALLA	203	SW/SW
109	171	ALLECTUS	293-96	SW/SW
110	436	ILLEGIBLE C4TH	C4th	?SW/C

CO find no	Cat no	Issuer	Date	Condition
111	132	'TETRICUS II, CAESAR'	273+	?W/W
112	57	HADRIAN	134-38	W/SW
113	469	NUREMBURG JETTON	C16th	VW/VW
114	95	CLAUDIUS II, POSTH.	270	W/W
115	198	CONSTANTINE I	330-35	SW/SW
116	169	CARAUSIUS	290-93	UW/UW
117	161	CARAUSIUS	287-90	SW/SW
118	149	RADIATE COPY	273+	C/SW
119	286	CONSTANS	346-48	UW/UW
120	480	GEORGE II	1740-54	EW/EW
121	475	C17TH TOKEN	c1669	VW/VW
122	213	CONSTANTINE I	332-33	W/W
123	112	TETRICUS I	270-72	VW/W
124	109	VICTORINUS	268-70	UW/UW
125	322	'CONSTANTIUS II'	353+	?W/SW
126	393	VALENTINIAN I	364-67	W/W
127	211	CONSTANTINE I	330-35	SW/SW
128	88	GALLIENUS	260-68	UW/UW
129	378	HOUSE OF CONSTANTINE	335-41	SW/C
130	102	POSTUMUS	259-68	W/C
131	329	'CONSTANTIUS II'	353+	SW/SW
132	183	CONSTANTINE I	319	SW/SW
133	447	ILLEGIBLE	-	C/C
134	52	HADRIAN	117-38	EW/EW
135	247	CONSTANTINE II, CAESAR	335-37	UW/UW
136	414	HOUSE OF VALENTINIAN	364-78	?SW/SW
137	108	VICTORINUS	268-70	VW/VW
138	325	'CONSTANTIUS II'	353+	UW/UW
139	316	CONSTANTIUS II/GALLUS	353-54	UW/UW
140	200	CONSTANTINE I	330-35	SW/SW
141	147	RADIATE COPY	273+	W/W
142	380	HOUSE OF CONSTANTINE	335-64	C/C
143	111	TETRICUS I	270-72	UW/UW
144	75	ELAGABALUS	218-22	SW/SW
145	61	FAUSTINA I, POSTH. (PIUS)	141+	?W/W
146	40	TRAJAN	98-117	?SW/SW
147	256	CONSTANS, CAESAR	335-37	UW/UW
148	401	VALENTINIAN I	364-75	SW/SW
149	417	HOUSE OF VALENTINIAN	364-78	SW/SW
150	330	'CONSTANTIUS II'	353+	SW/SW
151	477	C17TH	C17th	W/W
152	311	CONSTANTIUS II	353-54	SW/SW
153	305	CONSTANTIUS II	346-48	SW/UW
154	448	ILLEGIBLE	-	C/C
155	188	CONSTANTINE I	325-26	SW/SW
156	284	CONSTANS	346-48	SW/UW
157	323	'CONSTANTIUS II'	353+	SW/SW
158	481	GEORGE III	1773	VW/VW
159	246	CONSTANTIUS II, CAESAR	335-37	SW/SW
160	179	CONSTANTINE I	316-17	?SW/C
161	389	MAGNENTIUS	351-53	?SW/UW
162	407	VALENS	367-78	?W/W
163	80	GALLIENUS	253-68	C/C
164	465	EDWARD II	1321-22	W/W
165	148	RADIATE COPY	273+	W/W
166	136	'TETRICUS II, CAESAR'	273+	W/SW
167	249	CONSTANTINE II, CAESAR	335-37	SW/UW
168	139	ILLEGIBLE RADIATE	260-60	C/W

CO find no	Cat no	Issuer	Date	Condition
169	410	VALENS	367-75	SW/SW
170	404	VALENS	364-78	SW/SW
171	146	RADIATE COPY	273+	SW/SW
172	442	ILLEGIBLE	-	C/SW
173	62	FAUSTINA I, POSTH. [PIUS]	141+	VW/VW
174	39	NERVA	96-98	VW/VW
175	340	`CONSTANTIUS II'	353+	UW/UW
176	320	`CONSTANTIUS II'	353+	SW/UW
177	335	`CONSTANTIUS II'	353+	SW/SW
178	104	POSTUMUS	261-66	UW/SW
179	16	`CLAUDIUS I'	41+	C/C
180	59	ANTONINUS PIUS	138-61	VW/VW
181	94	CLAUDIUS II, POSTH.	270	C/SW
182	473	CHARLES I	c1634	W/W
183	344	`CONSTANTIUS II'	353+	UW/UW
184	467	ELIZABETH I	1585	VW/VW
185	353	`CONSTANTIUS II'	353+	UW/UW
186	468	NUREMBURG JETTON	C16th	W/W
187	69	FAUSTINA II [M.AURELIUS]	161-75	VW/EW
188	278	CONSTANS	346-48	UW/UW
189	164	CARAUSIUS	287-90	UW/UW
190	476	CHARLES II	1680	VW/VW
191	285	CONSTANS	346-48	SW/SW
192	339	`CONSTANTIUS II'	353+	SW/UW
193	234	`CONSTANTINE I'	341-46	SW/SW
194	250	`CONSTANTINE II, CAESAR'	320+	SW/UW
195	79	VALERIAN I	253-60	SW/SW
196	327	`CONSTANTIUS II'	353+	?SW/SW
197	374	HOUSE OF CONSTANTINE	330-46	C/C
198	203	CONSTANTINE I	332	SW/SW
199	333	`CONSTANTIUS II'	353+	SW/UW
200	429	ILLEGIBLE C4TH	C4th	SW/SW
201	29	VESPASIAN	72-73	VW/EW
202	222	CONSTANTINE I fragment	335	UW/UW
203	356	`CONSTANTIUS II'	353+	UW/UW
204	72	COMMODUS	190	VW/VW
205	406	VALENS	367-75	W/W
206	118	TETRICUS I	270-73	SW/SW
207	460	ILLEGIBLE FRAGMENTS	-	C/C
208	11	`CLAUDIUS I'	41+	VW/W
209	418	HOUSE OF VALENTINIAN	367-75	?SW/C
210	466	ELIZABETH I	1558+	EW/EW
211	309	CONSTANTIUS II	348-50	UW/UW
212	204	CONSTANTINE I	333-34	SW/UW
213	227	`CONSTANTINE I'	341-46	UW/UW
214	289	CONSTANS	346-48	SW/SW
215	181	CONSTANTINE I	319	SW/SW
216	341	`CONSTANTIUS II'	353+	SW/SW
217	395	VALENTINIAN I	364-67	SW/UW
218	306	CONSTANTIUS II	346-48	SW/SW
219	297	CONSTANS	348-50	W/W
220	451	ILLEGIBLE	-	UW/UW
221	474	C17TH TOKEN	c1660	?SW/SW
222	124	`TETRICUS I'	273+	SW/SW
223	37	NERVA	96-98	VW/VW
224	244	CONSTANTINE II, CAESAR	332-33	UW/UW
225	317	`CONSTANTIUS II'	353+	UW/UW
226	464	HENRY II AR	1180s	W/W

CO find no	Cat no	Issuer	Date	Condition
227	291	CONSTANS	346-48	SW/SW
228	97	CLAUDIUS II, POSTH.	270	SW/UW
229	332	'CONSTANTIUS II'	353+	UW/UW
230	133	'TETRICUS II, CAESAR'	273+	SW/C
231	449	ILLEGIBLE	-	C/C
232	261	HELENA	337-40	SW/UW
233	302	CONSTANTIUS II	337-40	UW/UW
234	430	ILLEGIBLE C4TH	C4th	C/C
235	174	CONSTANTINE I	310	UW/UW
236	107	VICTORINUS	268-70	UW/UW
237	354	'CONSTANTIUS II'	353+	UW/UW
238	125	TETRICUS II, CAESAR	270-73	SW/W
239	263	HELENA	337-40	UW/UW
240	337	'CONSTANTIUS II'	353+	UW/UW
241	230	'CONSTANTINE I'	341-46	UW/UW
242	235	'CONSTANTINE I'	341-46	SW/SW
243	288	CONSTANS	346-48	UW/UW
244	487	COIN MISSING	-	-
245	71	COMMODUS, CAESAR	172-79	VW/VW
246	195	CONSTANTINE I	330-31	UW/UW
247	290	CONSTANS	346-48	UW/UW
248	457	ILLEGIBLE FRAGMENTS	-	C/C
249	398	VALENTINIAN I	367-75	SW/SW
250	426	ILLEGIBLE C1ST/2ND	C1/2nd	C/C
251	182	CONSTANTINE I	319	SW/SW
252	25	VESPASIAN	69-79	VW/VW
253	359	'CONSTANTIUS II'	353+	SW/SW
254	399	VALENTINIAN I	367-75	SW/SW
255	287	CONSTANS	346-48	UW/UW
256	408	VALENS	367-75	W/W
257	134	'TETRICUS II, CAESAR'	273+	W/C
258	114	TETRICUS I	270-73	W/W
259	387	MAGNENTIUS	350-52	W/SW
260	144	RADIATE COPY	273+	SW/SW
261	12	'CLAUDIUS I'	41+	VW/VW
262	233	'CONSTANTINE I'	341-46	SW/SW
263	76	JULIA MAESA	218-22	SW/SW
264	212	CONSTANTINE I	332	SW/SW
265	53	HADRIAN	119-22	UW/SW
266	120	'TETRICUS I'	273+	C/C
267	369	CONSTANTIUS II/CONSTANS	346-48	C/SW
268	488	COIN MISSING	-	-
269	51	HADRIAN	117-38	?SW/SW
270	229	'CONSTANTINE I'	341-46	SW/SW
271	24	VESPASIAN	69-79	?W/W
272	215	CONSTANTINE I	332-33	SW/SW
273	265	'HELENA'	341-46	UW/UW
274	26	VESPASIAN	71	SW/SW
275	279	CONSTANS	346-48	SW/SW
276	301	CONSTANTIUS II	337-40	SW/UW
277	165	CARAUSIUS	287-90	UW/UW
278	155	RADIATE COPY	273+	SW/SW
279	485	VICTORIA	1891	VW/VW
280	445	ILLEGIBLE	-	C/C
281	373	HOUSE OF CONSTANTINE	330-35	SW/SW
282	370	CONSTANTIUS II/CONSTANS	346-48	SW/SW
283	348	'CONSTANTIUS II'	353+	SW/SW
284	459	ILLEGIBLE FRAGMENT	-	SW/SW

CO find no	Cat no	Issuer	Date	Condition
285	56	HADRIAN	125-34	VW/VW
286	205	CONSTANTINE I	330-31	UW/UW
287	452	ILLEGIBLE FRAGMENT	-	C/C
288	388	MAGNENTIUS	351-53	SW/UW
289	364	CONSTANTIUS II/CONSTANS	346-48	SW/SW
290	63	FAUSTINA I, POSTH. (PIUS)	141+	W/W
291	461	ILLEGIBLE FRAGMENT	-	C/C
292	313	CONSTANTIUS II	353-54	?SW/SW
293	283	CONSTANS	346-48	UW/UW
294	251	'CONSTANTINE II, CAESAR'	341-46	SW/UW
295	360	'CONSTANTIUS II'	353+	UW/UW
296	405	VALENS	367-75	SW/SW
297	318	'CONSTANTIUS II'	353+	SW/SW
298	238	CRISPUS, CAESAR	321	UW/UW
299	54	HADRIAN	125-28	?SW/SW
300	470	CHARLES I	1625-49	?SW/SW
301	90	CLAUDIUS II	268-70	SW/SW
302	254	CONSTANTIUS II, CAESAR	335-37	SW/SW
303	303	CONSTANTIUS II	340-41	SW/SW
304	190	CONSTANTINE I	330-31	SW/SW
305	255	CONSTANTIUS II, CAESAR	336	SW/SW
306	85	GALLIENUS	260-68	SW/SW
307	409	VALENS	367-75	?SW/SW
308	446	ILLEGIBLE	-	C/C
309	98	CLAUDIUS II, POSTH.	270	SW/SW
310	403	VALENTINIAN I	367-75	SW/SW
311	186	CONSTANTINE I	322	W/SW
312	419	VALENTINIAN II	388-92	W/W
313	172	LICINIUS I	320	W/W
314	392	'MAGNENTIUS'	351+	SW/SW
315	269	CONSTANTINE II	337-40	UW/UW
316	115	TETRICUS I	270-73	?W/W
317	458	ILLEGIBLE FRAGMENTS	-	C/C
318	268	THEODORA	337-40	SW/SW
319	413	GRATIAN	367-75	SW/SW
320	343	'CONSTANTIUS II'	353+	UW/UW
321	257	CONSTANS, CAESAR	335-37	UW/UW
323	349	'CONSTANTIUS II'	353+	SW/SW
324	219	CONSTANTINE I	330-31	UW/UW
325	131	TETRICUS II, CAESAR	270-73	VW/VW
326	221	CONSTANTINE I	335	SW/SW
327	158	RADIATE COPY	273+	?W/W
328	472	CHARLES I	c1634	W/W
329	471	CHARLES I	c1634	W/W
330	435	ILLEGIBLE C4TH	C4th	C/C
331	350	'CONSTANTIUS II'	353+	SW/SW
332	366	CONSTANTIUS II/CONSTANS	346-48	C/C
333	346	'CONSTANTIUS II'	353+	W/SW
334	363	CONSTANTIUS II/CONSTANS	341-46	SW/SW
335	314	CONSTANTIUS II	353-54	W/W
336	262	HELENA	337-40	SW/SW
337	411	VALENS	367-75	W/W
338	274	CONSTANS	340-41	UW/UW
339	400	VALENTINIAN I	367-75	W/W
340	202	CONSTANTINE I	330-35	SW/SW
341	237	'CONSTANTINE I'	341-46	SW/SW
342	357	'CONSTANTIUS II'	353+	SW/SW
343	455	ILLEGIBLE FRAGMENT	-	C/C

CO find no	Cat no	Issuer	Date	Condition
344	275	CONSTANS	346-48	SW/SW
345	280	CONSTANS	346-48	UW/UW
346	194	CONSTANTINE I	330-31	UW/UW
347	159	AURELIAN	270-75	W/W
348	307	CONSTANTIUS II	346-48	SW/SW
349	292	CONSTANS	346-48	SW/UW
350	201	CONSTANTINE I	330-35	UW/UW
351	206	CONSTANTINE I	330-31	UW/UW
352	402	VALENTINIAN I	367-75	?SW/SW
353	295	CONSTANS	348-50	UW/UW
354	315	CONSTANTIUS II	353-54	UW/UW
355	441	ILLEGIBLE C4TH COPY	C4th	SW/UW
356	433	ILLEGIBLE C4TH	C4th	SW/SW
357	117	TETRICUS I	270-73	SW/SW
358	272	CONSTANS	337-40	UW/UW
359	396	VALENTINIAN I	364-67	W/W
360	64	FAUSTINA I, POSTH. [PIUS]	141+	?SW/SW
361	7	CLAUDIUS I	41-50	W/W
362	19	'CLAUDIUS I'	41+	C/C
363	193	CONSTANTINE I	330-31	SW/SW
364	358	'CONSTANTIUS II'	353+	UW/UW
365	259	HELENA	337-40	UW/UW
366	180	CONSTANTINE I	319	C/UW
367	367	CONSTANTIUS II/CONSTANS	346-48	UW/UW
368	178	CONSTANTINE I	316	SW/SW
369	463	ILLEGIBLE COPY	-	SW/SW
370	214	CONSTANTINE I	332-33	SW/SW
371	217	CONSTANTINE I	335	SW/UW
372	3	DOBUNNI AR	c.10-40	SW/SW
373	375	HOUSE OF CONSTANTINE	330-48	C/SW
374	22	GALBA	68-69	W/W
375	362	'CONSTANTIUS II' HYBRID	353+	W/W
376	428	ILLEGIBLE C3RD	C3rd	C/C
377	372	HOUSE OF CONSTANTINE	330-35	SW/UW
378	81	GALLIENUS	256-68	SW/C
379	232	'CONSTANTINE I'	341-46	?W/W
380	276	CONSTANS	346-48	SW/SW
381	308	CONSTANTIUS II	346-48	SW/SW
382	208	CONSTANTINE I	330-31	SW/UW
383	423	ILLEGIBLE C1ST-3RD COPY	C1-3rd	C/C
384	173	CONSTANTINE I	310	UW/UW
385	293	CONSTANS	346-48	UW/UW
386	196	CONSTANTINE I	330-31	SW/UW
387	412	VALENS	367-75	W/W
388	141	ILLEG.RADIATE, CARAUSZUS?	C3rd	C/C
389	66	N.AURELIUS, CAESAR	152-53	?SW/SW
390	271	CONSTANS	337-40	UW/UW
391	240	CONSTANTINE II, CAESAR	330-31	SW/SW
392	31	DOMITIAN	92-93	SW/SW
393	424	ILLEGIBLE C1ST/2ND	C1/2nd	C/C
394	34	DOMITIAN	95-96	UW/UW
395	382	'HOUSE OF CONSTANTINE'	341-46	W/W
396	365	CONSTANTIUS II/CONSTANS	346-48	SW/SW
397	8	CLAUDIUS I	41-50	C/C
398	177	CONSTANTINE I	316	?SW/SW
399	384	MAGNENTIUS	350-51	SW/SW
400	170	CARAUSIUS	290-93	W/SW
401	197	CONSTANTINE I	330-35	C/SW

CO find no	Cat no	Issuer	Date	Condition
402	99	CLAUDIUS II, POSTH.	270	SW/SW
403	35	'DOMITIAN'	81+	W/W
404	191	CONSTANTINE I	330-31	?SW/SW
405	20	'CLAUDIUS I'	50+	W/W
406	127	TETRICUS II, CAESAR	270-73	W/W
407	199	CONSTANTINE I	330-35	C/C
408	437	ILLEGIBLE C4TH	C4th	C/C
409	444	ILLEGIBLE	-	C/C
410	371	HOUSE OF CONSTANTINE	318-35	C/C
411	379	HOUSE OF CONSTANTINE	335-41	UW/'JW
412	456	ILLEGIBLE FRAGMENTS	-	C/C
413	421	HOUSE OF THEODOSIUS	388-402	C/SW
414	381	HOUSE OF CONSTANTINE	337-41	?SW/SW
415	119	'TETRICUS I'	273+	W/W
416	1	DOBUNNI AR	c-20-10	?W/W
417	277	CONSTANS	346-48	SW/SW
418	21	NERO	56-57	W/W
419	17	'CLAUDIUS I'	41+	?W/W
420	70	FAUSTINA II (M.AURELIUS)	161-75	W/W
421	440	ILLEGIBLE C4TH	C4th	C/C
422	438	ILLEGIBLE C4TH	C4th	SW/SW
423	299	CONSTANTIUS II fragment	337-40	SW/SW
424	352	'CONSTANTIUS II'	353+	SW/SW
425	282	CONSTANS	346-48	SW/SW
426	252	'CONSTANTINE II, CAESAR'	341-46	UW/UW
427	166	CARAUSIUS	287-90	W/SW
428	338	'CONSTANTIUS II'	353+	C/UW
429	439	ILLEGIBLE C4TH	C4th	SW/SW
430	78	PHILIP II	247-49	?W/W
431	55	HADRIAN	125-28	W/W
432	10	'CLAUDIUS I'	41+	VW/C
433	113	TETRICUS I	270-73	SW/SW
434	30	DOMITIAN	81-96	?SW/C
435	77	MAXIMUS CAESAR	236-38	W/W
436	23	VESPASIAN	69-79	?W/W
437	33	DOMITIAN	95	W/W
438	28	VESPASIAN	72-73	W/W
439	312	CONSTANTIUS II(?)	353-54	SW/SW
440	15	'CLAUDIUS I'	41+	?W/W
441	50	HADRIAN	117-38	VW/VW
442	116	TETRICUS I	270-73	W/W
443	137	'TETRICUS II, CAESAR'	273+	SW/SW
444	13	'CLAUDIUS I'	41+	C/C
445	443	ILLEGIBLE	-	C/C
446	32	DOMITIAN	93-94	SW/SW
447	326	'CONSTANTIUS II'	353+	SW/SW
448	93	CLAUDIUS II	268-70	W/SW
449	361	'CONSTANTIUS II' OVERSTR.	353+	SW/SW
450	394	VALENTINIAN I	364-67	W/W
451	243	CONSTANTINE II, CAESAR	332-33	W/W
452	47	TRAJAN?	?98-117	-
453	390	MAGNENTIUS	351-53	SW/SW
454	150	RADIATE COPY	273+	SW/SW
455	296	CONSTANS	348-50	SW/SW
456	5	DOBUNNI AR, 2 frags.	c.30-50	C/C
457	176	CONSTANTINE I	313-14	SW/SW
458	281	CONSTANS	346-48	SW/SW
459	386	MAGNENTIUS	350-51	SW/SW

CO find no	Cat no	Issuer	Date	Condition
460	184	CONSTANTINE I	320	UW/UW
461	328	'CONSTANTIUS II'	353+	UW/UW
462	334	'CONSTANTIUS II'	353+	SW/SW
463	192	CONSTANTINE I	330-31	SW/SW
464	347	'CONSTANTIUS II'	353+	SW/SW
465	189	CONSTANTINE I	330-31	C/C
466	420	THEODOSIUS I	394-95	SW/SW
467	228	'CONSTANTINE I'	341-46	UW/UW
468	4	DOBUNNI PLATED COPY CORE	c.10-40	?SW/SW
469	450	ILLEGIBLE	-	SW/SW
470	210	CONSTANTINE I	330-35	W/W
471	91	CLAUDIUS II	268-70	W/W
472	273	CONSTANS	340-41	SW/SW
473	355	'CONSTANTIUS II'	353+	SW/SW
474	48	'TRAJAN'	103+	W/W
475	74	CARACALLA	206	W/W
476	207	CONSTANTINE I	330-31	W/SW
477	187	CONSTANTINE I	322-23	SW/SW
478	27	VESPASIAN	71-78	W/W
479	36	FLAVIAN?	69-96?	C/C
480	324	'CONSTANTIUS II'	353+	SW/SW
481	241	CONSTANTINE II, CAESAR	330-35	SW/SW
482	454	ILLEGIBLE FRAGMENTS	-	C/C
483	377	HOUSE OF CONSTANTINE	335-41	SW/SW
484	67	LUCIUS VERUS	161-69	EW/EW
485	220	CONSTANTINE I	332-33	SW/SW
486	478	WILLIAM III	1690s	VW/VW
487	427	ILLEGIBLE C1ST/2ND	C1/2nd	C/C
488	2	DOBUNNI AR, 2 frags. copy?	c.10-40	W/?SW
??6	248	CONSTANTINE II, CAESAR	335-37	W/W
7322	431	ILLEGIBLE C4TH [MISSING]	C4th	-

Table M11 Coins index 2, find location order

Full details can be obtained by reference to the main catalogue, which is arranged by issuer and period.

Area	Trench	Layer	Phase	CO find no	Cat no	Issuer	Date	Condition
				??6	248	CONSTANTINE II, CAESAR	335-37	W/W
				6	486	COIN MISSING	-	-
				?322	431	ILLEGIBLE C4TH (MISSING)	C4th	-
				244	487	COIN MISSING	-	-
				268	488	COIN MISSING	-	-
Alb	4		VI	2	128	TETRICUS II, CAESAR	273-73	W/W
AV	1			7	483	GEORGE III	1806-7	EM/EM
AIK	21			10	103	POSTUMUS	259-68	W/W
AIK	21			12	383	'HOUSE OF CONSTANTINE'	341-46	TM/SW
AIK	24			15	65	FAUSTINA II (ANT. PIUS)	145-61	VM/VM
AIK	24			14	82	GALLIENUS	260-68	SM/C
AIK	24			13	42	ILLEGIBLE RADIATE	C3rd	?SM/C
AIKn	25		VI	11	110	VICTORINUS	268-70	W/W
AIKn	45		II	17	45	TRAJAN	112-14	W/W
AK	2			16	216	CONSTANTINE I	332-33	W/SW
AK	26			24	9	'CLAUDIUS I'	41+	?N/W
AXI	1			9	479	WILLIAM III	1696	VM/VM
AXI	2			1	304	CONSTANTIUS II	340-4.	SM/W
AXI	2			3	351	'CONSTANTIUS II'	353+	W/W
AXI	3			8	96	CLAUDIUS II, POSTH.	270	W/W
AXI	3			4	209	CONSTANTINE I	330-31	W/W
AXI	3			5	300	CONSTANTIUS II	337-40	W/W
AXIV	2			51	160	CARUSIUS	287-90	?N/W
AXIV	29			84	416	HOUSE OF VALENTINIAN	364-78	C/?SW
AXVI	top.			103	482	GEORGE III	1805	TM/W
AXVI	top.			104	484	VICTORIA	1862	W/W
AXVII	top.			109	171	ALLECTUS	293-96	SM/SM
AXVII	top.			107	453	ILLEGIBLE FRAGMENTS	-	C/C
AXVIIA	1			108	73	CARACALLA	203	SM/SM
AXVIIA	1			111	132	'TETRICUS II, CAESAR'	273+	?N/W
AXVIIA	4			179	16	'CLAUDIUS I'	41+	C/C
AXVIIA	top.			110	436	ILLEGIBLE C4TH	C4th	?SM/C
AXVIIIB	4			117	161	CARUSIUS	287-90	SM/SM
AXVIIIB	4			116	169	CARUSIUS	290-93	UM/UM
AAI	1			47	253	CONSTANTIUS II, CAESAR	335-37	SM/SM
AAI	1			18	336	'CONSTANTIUS II'	353+	SM/SM
AAI	2			19	168	CARUSIUS	287-93	UM/SM
AAI	2			20	245	CONSTANTINE II, CAESAR	335-37	SM/SM
AAI	29		IX	45	151	RADIATE COPY	273+	SM/W
AAI	29		IX	46	152	RADIATE COPY	273+	C/N
AAIn	30		VI	50	422	ILLEGIBLE C1ST	C1st	C/C
AAIn	48		I	71	14	'CLAUDIUS I'	41+	VM/W
AAI	74			89	49	HADRIAN	117-38	W/W
AAII	1			21	143	ILLEGIBLE RADIATE	C3rd	C/C
AAII	1			26	260	HELENA	337-40	W/SM
AAII	1			22	310	CONSTANTIUS II	348-50	UM/UM
AAII	1			52	345	'CONSTANTIUS II'	353+	SM/SM
AAII	2			25	86	GALLIENUS	260-68	SM/UM
AAII	2			67	123	'TETRICUS I'	273+	W/W
AAII	2			62	145	RADIATE COPY	273+	SM/C
AAII	2			66	185	CONSTANTINE I	322	SM/UM
AAII	2			28	224	CONSTANTINE I	335-37	SM/SM
AAII	2			76	242	CONSTANTINE II, CAESAR	332	SM/UM
AAII	2			83	342	'CONSTANTIUS II'	353+	C/?SM
AAII	7			23	58	HADRIAN	134-38	TM/W

Area+Trench	Layer	Phase	CO find no	Cat no	Issuer	Date	Condition
AAIIa	8		25	266	THEODORA	337-40	SM/SM
AAII	71		75	84	GALLIENUS	260-68	TM/W
AAIIa	82	I	79	41	TRAJAN	98-117	VM/EM
AAIIa	100	I	88	38	NERVA	96-98	C/C
AAIIa	103	III	83	44	TRAJAN	103-11	SM/SM
AAII	U/S		80	122	'TETRICUS I'	273+	C/C
AAIII	1		35	67	GALLIENUS	260-68	W/W
AAIII	1		33	105	VICTORINUS	268-70	?SM/SM
AAIII	1		31	130	TETRICUS II, CAESAR	270-73	SM/W
AAIII	1		32	236	CONSTANTINE I, DIVO	337-40	W/SM
AAIII	1		55	239	CONSTANTINE II, CAESAR	330-31	W/W
AAIII	1		30	264	HELENA	337-40	?SM/SM
AAIII	1		69	270	CONSTANTINE II fragment	337-40	W/W
AAIII	3		39	68	'LUCIUS VERUS'	161+	VM/VM
AAIII	3		36	100	'CLAUDIUS II, POSTH.'	270+	SM/C
AAIII	3		37	106	VICTORINUS	268-70	UM/UM
AAIII	3		38	140	ILLEGIBLE RADIATE	260-80	?M/W
AAIII	3		40	462	ILLEGIBLE FRAGMENTS	-	C/C
AAIIIa	8	VI	58	163	CARUSIUS	287-90	SM/SM
AAIII	9		44	129	TETRICUS II, CAESAR	270-73	W/W
AAIII	9		49	153	RADIATE COPY	273+	W/W
AAIII	9		43	434	ILLEGIBLE C4TH	C4th	C/C
AAIIIa	19	IV	54	101	QUINTILLIUS	270	W/W
AAIIIa	29	IV	59	126	TETRICUS II, CAESAR	270-73	W/W
AAIIIa	50	V	65	6	TIBERIUS	14-37	W/W
AAIIIa	77	III	70	267	THEODORA fragment	337-40	SM/W
AAIII	U/S		86	415	HOUSE OF VALENTINIAN	364-78	?SM/SM
AAIIIa	2		81	218	CONSTANTINE I	330-31	SM/UM
AAIIIa	3		82	135	'TETRICUS II, CAESAR'	273+	W/W
BI	3	II	27	92	CLAUDIUS II	268-70	W/W
BI	6		42	223	CONSTANTINE I	335-36	SM/SM
BI	6		41	321	'CONSTANTIUS II'	353+	?SM/SM
BI	6a		48	60	ANTONINUS PIUS	140-44	?M/W
BIII	4		34	156	RADIATE COPY	273+	SM/SM
BIV	U/S		53	368	CONSTANTIUS II/CONSTANS	346-48	UM/UM
B1a	1		93	175	CONSTANTINE I	310-12	SM/W
B1a	1		91	226	CONSTANTINE I	336	W/W
B1a	12	IV	92	391	MAGNENTIUS	351-53	UM/UM
B1a	15	IV	98	397	VALENTINIAN I	364-78	SM/UM
CI	1		101	489	NOT A COIN	-	C/C
CI	1a		56	167	CARUSIUS	287-93	C/UM
CI	1a		57	298	CONSTANS	348-50	SM/SM
CI	1c		64	89	SALONINA (GALLIENUS SOLE)	260-68	C/SM
CI	4a		85	258	HELENA	337-40	W/SM
CI	16		60	319	'CONSTANTIUS II'	353+	SM/SM
CI	16		61	385	MAGNENTIUS	350-51	UM/UM
CII	1		94	121	'TETRICUS I'	273+	C/C
CII	1a		95	425	ILLEGIBLE C1ST/2ND	C1/2nd	VM/VM
CII	1a		97	432	ILLEGIBLE C4TH	C4th	C/C
CII	5		87	46	TRAJAN	114-17	TM/SM
CII	U/S		90	83	GALLIENUS	260-68	C/W
CIII	4a		77	157	RADIATE COPY	273+	SM/SM
CIII	14		74	162	CARUSIUS	287-90	UM/UM
CIII	14		73	231	'CONSTANTINE I'	341-46	UM/UM
CIIIA	33		112	57	HADRIAN	134-38	W/SM
CIV	1		78	154	RADIATE COPY	273+	C/C
CIV	U/S		165	148	RADIATE COPY	273+	W/W
CV	U/S		72	43	TRAJAN	103	VM/VM
CV1a	2a		99	275	CONSTANTINE I	335-37	SM/UM

Area+Trench	Layer	Phase	CD find no	Cat no	Issuer	Date	Condition
CVIa	23	VIII	173	62	FAUSTINA I, POSTH. (PIUS)	141+	VM/VM
CVI	32		115	198	CONSTANTINE I	330-35	SM/SM
CVI	U/S		96	376	HOUSE OF CONSTANTINE	335-37	SM/SM
CVIA	2a		163	80	GALLIENUS	253-68	C/C
CVIA	2a		164	465	EDWARD II	1321-22	W/W
CVIa	10	IX	105	138	'TETRICUS II, CAESAR'	273+	?SM/SM
CVIa	12	IX	102	294	CONSTANS	346-48	UM/UM
CVIA	21		106	42	TRAJAN	99-100	?SM/C
CVIA	52	IX	155	188	CONSTANTINE I	325-26	SM/SM
CVIII	2		100	18	'CLAUDIUS I'	41+	C/C
D	U/S		480	324	'CONSTANTIUS II'	353+	SM/SM
D	U/S		221	474	C17TH TOKEN	c1660	?SM/SM
D	top.		130	102	POSTUMUS	259-68	W/C
DI	1a		262	233	'CONSTANTINE I'	341-46	SM/SM
DI	1a		237	354	'CONSTANTIUS II'	353+	UM/UM
DI	2	VIII	125	322	'CONSTANTIUS II'	353+	?M/SM
DI	2a	VIII	188	278	CONSTANS	346-48	UM/UM
DI	7	VI	174	39	NERVA	96-98	VM/VM
DI	18a	VI	223	37	NERVA	96-98	VM/VM
DI	25	VIII	187	69	FAUSTINA II (M.AURELIUS)	161-75	VM/EM
DI	36	VI	250	426	ILLEGIBLE C1ST/2ND	C1/2nd	C/C
DI	47	VI	236	107	VICTORINUS	268-70	UM/UM
DI	47	VI	238	125	TETRICUS II, CAESAR	270-73	SM/M
DI	48	VI	269	51	HADRIAN	117-38	?SM/SM
DI	63	VI	248	457	ILLEGIBLE FRAGMENTS	-	C/C
DI	102	VI	258	114	TETRICUS I	270-73	W/W
DI	110		438	28	VESPASIAN	72-73	W/W
DI	120	VI	288	388	MAGNENTIUS	351-53	SM/UM
DI	175	I	397	8	CLAUDIUS I	41-50	C/C
DI	175	I	419	17	'CLAUDIUS I'	41+	?M/M
DI	175	I	393	424	ILLEGIBLE C1ST/2ND	C1/2nd	C/C
DI	176		405	20	'CLAUDIUS I'	50+	W/W
DI	176		418	21	NERO	56-57	W/W
DI	176		403	35	'DOMITIAN'	81+	W/W
DI	177		394	34	DOMITIAN	95-96	UM/UM
DI	206	VI	441	50	HADRIAN	117-38	VM/VM
DI	U/S		212	204	CONSTANTINE I	333-34	SM/UM
DI	U/S		364	358	'CONSTANTIUS II'	353+	UM/UM
DI	U/S		291	461	ILLEGIBLE FRAGMENT	-	C/C
DI	top.		114	95	CLAUDIUS II, POSTH.	270	W/W
DI	top.		124	109	VICTORINUS	268-70	UM/UM
DI	top.		123	112	TETRICUS I	270-72	VM/M
DI	top.		118	149	RADIATE COPY	273+	C/SM
DI	top.		127	211	CONSTANTINE I	330-35	SM/SM
DI	top.		122	213	CONSTANTINE I	332-33	W/W
DI	top.		232	261	HELENA	337-40	SM/UM
DI	top.		293	283	CONSTANS	346-48	UM/UM
DI	top.		119	286	CONSTANS	346-48	UM/UM
DI	top.		292	313	CONSTANTIUS II	353-54	?SM/SM
DI	top.		126	393	VALENTINIAN I	364-67	W/W
DI	top.		113	469	NUMENBURG JETTON	C16th	VM/VM
DI	top.		121	475	C17TH TOKEN	c1669	VM/VM
DI	top.		120	480	GEORGE II	1740-54	SM/SM
DI	1		166	136	'TETRICUS II, CAESAR'	273+	W/SM
DI	1		132	183	CONSTANTINE I	319	SM/SM
DI	1		167	249	CONSTANTINE II, CAESAR	335-37	SM/UM
DI	1		131	329	'CONSTANTIUS II'	353+	SM/SM
DI	14		290	63	FAUSTINA I, POSTH. (PIUS)	141+	W/W
DI	14		227	291	CONSTANS	346-48	SM/SM

Area+Trench	Layer	Phase	CO find no	Cat no	Issuer	Date	Condition
DII	14		287	452	ILLEGIBLE FRAGMENT	-	C/C
DII	15	VIII	478	27	VESPASIAN	71-78	W/W
DII	15	VIII	289	364	CONSTANTIUS II/CONSTANS	346-48	SW/SW
DII	16		286	205	CONSTANTINE I	330-31	UW/UW
DII	77	III	468	4	DOBUNNI PLATED COPY CORE	c.10-40	?SW/SW
DII	top.		128	88	GALLIENUS	260-68	UW/UW
DII	top.		129	378	HOUSE OF CONSTANTINE	335-41	SW/C
E	U/S		146	40	TRAJAN	98-117	?SW/SW
E	U/S		145	61	FAUSTINA I, POSTH. (PIUS)	141+	?W/W
E	U/S		245	71	COMMODOUS, CAESAR	172-79	VW/VW
E	U/S		144	75	ELAGABALUS	218-22	SW/SW
E	U/S		222	124	'TETRICUS I'	273+	SW/SW
E	U/S		326	221	CONSTANTINE I	335	SW/SW
E	U/S		147	256	CONSTANS, CAESAR	335-37	UW/UW
E	U/S		472	273	CONSTANS	340-41	SW/SW
E	U/S		191	285	CONSTANS	346-48	SW/SW
E	U/S		243	288	CONSTANS	346-48	UW/UW
E	U/S		192	339	'CONSTANTIUS II'	353+	SW/UW
E	U/S		473	355	'CONSTANTIUS II'	353+	SW/SW
E	U/S		169	416	VALENS	367-75	SW/SW
E	U/S		300	470	CHARLES I	1625-49	?SW/SW
E	U/S		182	473	CHARLES I	c1634	W/W
EI	1		143	111	TETRICUS I	270-72	UW/UW
EI	1		142	380	HOUSE OF CONSTANTINE	335-64	C/C
EI	2		428	338	'CONSTANTIUS II'	353+	C/UW
EI	4	XIII	430	78	PHILIP II	247-49	?W/W
EI	4	XIII	417	277	CONSTANS	346-48	SW/SW
EI	19	III	271	24	VESPASIAN	69-79	?W/W
EI	55	II	440	15	'CLAUDIUS I'	41+	?W/W
EI	U/S		263	76	JULIA MAESA	218-22	SW/SW
EII	1		141	47	RADIATE COPY	273+	W/W
EII	1		140	200	CONSTANTINE I	330-35	SW/SW
EII	1		211	309	CONSTANTIUS II	348-50	UW/UW
EII	1		150	330	'CONSTANTIUS II'	353+	SW/SW
EII	1		148	401	VALENTINIAN I	364-75	SW/SW
EII	1		133	447	ILLEGIBLE	-	C/C
EII	2		204	72	COMMODOUS	190	VW/VW
EII	2		215	181	CONSTANTINE I	319	SW/SW
EII	2		198	203	CONSTANTINE I	332	SW/SW
EII	2		242	235	'CONSTANTINE I'	341-46	SW/SW
EII	2		239	263	HELENA	337-40	UW/UW
EII	2		199	333	'CONSTANTIUS II'	353+	SW/UW
EII	2		267	369	CONSTANTIUS II/CONSTANS	346-48	C/SW
EII	2		200	429	ILLEGIBLE C4TH	C4th	SW/SW
EII	2		220	451	ILLEGIBLE	-	UW/UW
EII	2		190	476	CHARLES II	1680	VW/VW
EII	3		225	317	'CONSTANTIUS II'	353+	UW/UW
EII	5	XIII	218	306	CONSTANTIUS II	346-48	SW/SW
EII	9	XIII	363	193	CONSTANTINE I	330-31	SW/SW
EII	9	XIII	358	272	CONSTANS	337-40	UW/UW
EII	11	VI	265	53	HADRIAN	119-22	UW/SW
EII	20		434	30	DOMITIAN	81-96	?SW/C
EII	31	VI	436	23	VESPASIAN	69-79	?W/W
EII	34	V	446	32	DOMITIAN	93-94	SW/SW
EIII	1		134	52	HADRIAN	117-38	SW/EM
EIII	1		137	108	VICTORINUS	268-70	VW/VW
EIII	1		135	247	CONSTANTINE II, CAESAR	335-37	UW/UW
EIII	1		153	305	CONSTANTIUS II	346-48	SW/UW
EIII	1		152	311	CONSTANTIUS II	353-54	SW/SW

Area+Trench	Layer	Phase	OO find no	Cat no	Issuer	Date	Condition
EIII	1		139	316	CONSTANTIUS II/GALLIUS	353-54	UW/UW
EIII	1		175	340	'CONSTANTIUS II'	353+	UW/UW
EIII	1		170	404	VALENS	364-78	SW/SW
EIII	1		136	414	HOUSE OF VALENTINIAN	364-78	?SW/SW
EIII	1		149	417	HOUSE OF VALENTINIAN	364-78	SW/SW
EIII	1		151	477	C17TH	C17th	W/W
EIII	2		298	238	CRISPUS, CAESAR	321	UW/UW
EIII	2		177	335	'CONSTANTIUS II'	353+	SW/SW
EIII	2		185	353	'CONSTANTIUS II'	353+	UW/UW
EIII	5	XIII	171	146	RADIATE COPY	273+	SW/SW
EIV	1		201	29	VESPASIAN	72-73	VM/EM
EIV	1		168	139	ILLEGIBLE RADIATE	260-80	C/W
EIV	1		251	182	CONSTANTINE I	319	SW/SW
EIV	1		202	222	CONSTANTINE I fragment	335	UW/UW
EIV	1		194	250	'CONSTANTINE II, CAESAR'	320+	SW/UW
EIV	1		247	290	CONSTANS	346-48	UW/UW
EIV	1		196	327	'CONSTANTIUS II'	353+	?SW/SW
EIV	1		253	359	'CONSTANTIUS II'	353+	SW/SW
EIV	1		254	399	VALENTINIAN I	367-75	SW/SW
EIV	1		172	442	ILLEGIBLE	-	C/SW
EIV	1		184	467	ELIZABETH I	1585	VM/VM
EIV	2		195	79	VALERIAN I	253-60	SW/SW
EIV	6	XIII	216	341	'CONSTANTIUS II'	353+	SW/SW
EIV	6	XIII	217	395	VALENTINIAN I	364-67	SW/UW
EIV	15	XIII	246	195	CONSTANTINE I	330-31	UW/UW
EIV	15	XIII	249	398	VALENTINIAN I	367-75	SW/SW
EIV	16		299	54	HADRIAN	125-28	?SW/SW
EV	1		301	90	CLAUDIUS II	268-70	SW/SW
EV	1		316	115	TETRICUS I	270-73	?W/W
EV	1		266	120	'TETRICUS I'	273+	C/C
EV	1		257	134	'TETRICUS II, CAESAR'	273+	W/C
EV	1		294	251	'CONSTANTINE II, CAESAR'	341-46	SW/UW
EV	1		380	276	CONSTANS	346-48	SW/SW
EV	1		255	287	CONSTANS	346-48	UW/UW
EV	1		323	349	'CONSTANTIUS II'	353+	SW/SW
EV	1		295	360	'CONSTANTIUS II'	353+	UW/UW
EV	1		375	362	'CONSTANTIUS II' HYBRID	353+	W/W
EV	1		359	396	VALENTINIAN I	364-67	W/W
EV	2		360	64	FAUSTINA I, POSTH. (PIUS)	141+	?SW/SW
EV	2		340	202	CONSTANTINE I	330-35	SW/SW
EV	2		264	212	CONSTANTINE I	332	SW/SW
EV	2		338	274	CONSTANS	340-41	UW/UW
EV	2		345	280	CONSTANS	346-48	UW/UW
EV	2		297	318	'CONSTANTIUS II'	353+	SW/SW
EV	2		334	363	CONSTANTIUS II/CONSTANS	341-46	SW/SW
EV	2		296	405	VALENS	367-75	SW/SW
EVI	3	VI	252	25	VESPASIAN	69-79	VM/VM
EVII	1		475	74	CARACALLA	206	W/W
EVII	1		471	91	CLAUDIUS II	268-70	W/W
EVII	1		477	187	CONSTANTINE I	322-23	SW/SW
EVII	1		465	189	CONSTANTINE I	330-31	C/C
EVII	1		470	210	CONSTANTINE I	330-35	W/W
EVII	1		458	281	CONSTANS	346-48	SW/SW
EVII	1		464	347	'CONSTANTIUS II'	353+	SW/SW
EVII	1		466	420	THEODOBIUS I	394-95	SW/SW
EVII	1		469	450	ILLEGIBLE	-	SW/SW
F	U/S		467	228	'CONSTANTINE I'	341-46	UW/UW
F1	.		406	127	TETRICUS II, CAESAR	270-73	W/W
F1	.		427	166	CARAUSIUS	287-90	W/SW

Area+Trench	Layer	Phase	CO find no	Cat no	Issuer	Date	Condition
FI	+		426	252	'CONSTANTINE II, CAESAR'	341-46	UN/UN
FI	+		302	254	CONSTANTIUS II, CAESAR	335-37	SW/SW
FI	+		305	255	CONSTANTIUS II, CAESAR	336	SW/SW
FI	+		318	268	THEODORA	337-40	SW/SW
FI	+		423	299	CONSTANTIUS II fragment	337-40	SW/SW
FI	+		303	303	CONSTANTIUS II	340-41	SW/SW
FI	+		314	392	'MAGNENTIUS'	351+	SW/SW
FI	+		319	413	GRATIAN	367-75	SW/SW
FI	1		313	172	LICINIUS I	320	W/W
FI	1		320	343	'CONSTANTIUS II'	353+	UN/UN
FI	1		307	409	VALENS	367-75	?SW/SW
FI	3		339	400	VALENTINIAN I	367-75	W/W
FI	3		343	455	ILLEGIBLE FRAGMENT	-	C/C
FI	5	XIII	366	180	CONSTANTINE I	319	C/UN
FI	5	XIII	354	315	CONSTANTIUS II	353-54	UN/UN
FI	9	XIII	391	240	CONSTANTINE II, CAESAR	330-31	SW/SW
FI	10	XIII	381	308	CONSTANTIUS II	346-48	SW/SW
FI	14	XII	401	197	CONSTANTINE I	330-35	C/SW
FI	15	XIII	425	282	CONSTANS	346-48	SW/SW
FI	28a		431	55	HADRIAN	125-28	W/W
FI	81	X	487	427	ILLEGIBLE C1ST/2ND	C1/2nd	C/C
FI	U/S		461	328	'CONSTANTIUS II'	353+	UN/UN
FI	BELOW WALL 1		462	334	'CONSTANTIUS II'	353+	SW/SW
FI	top.		460	184	CONSTANTINE I	320	UN/UN
FI	top.		455	296	CONSTANS	348-50	SW/SW
FII	+		306	85	GALLIENUS	260-68	SW/SW
FII	+		304	190	CONSTANTINE I	330-31	SW/SW
FII	+		310	403	VALENTINIAN I	367-75	SW/SW
FIII	+		309	98	CLAUDIUS II, POSTH.	270	SW/SW
FIII	+		325	131	TETRICUS II, CAESAR	270-73	VM/VM
FIII	+		311	186	CONSTANTINE I	322	W/SW
FIII	+		324	219	CONSTANTINE I	330-31	UN/UN
FIII	+		321	257	CONSTANS, CAESAR	335-37	UN/UN
FIII	+		308	446	ILLEGIBLE	-	C/C
FIII	+?		335	314	CONSTANTIUS II	353-54	W/W
FIII	1		356	433	ILLEGIBLE C4TH	C4th	SW/SW
FIV	+		357	117	TETRICUS I	270-73	SW/SW
FIV	+		337	411	VALENS	367-75	W/W
FIV	+		312	419	VALENTINIAN II	388-92	W/W
FIV	+		355	441	ILLEGIBLE C4TH COPY	C4th	SW/UN
FIV	2	XIII	370	214	CONSTANTINE I	332-33	SW/SW
FIV	2	XIII	371	217	CONSTANTINE I	335	SW/UN
FIV	2	XIII	369	463	ILLEGIBLE COPY	-	SW/SW
FIV	8	III	374	22	GALBA	68-69	W/W
FIV	14	XIII	385	293	CONSTANS	346-48	UN/UN
FIVA	top.		459	386	MAGNENTIUS	350-51	SW/SW
FIVA	top.		457	176	CONSTANTINE I	313-14	SW/SW
G	U/S		228	97	CLAUDIUS II, POSTH.	270	SW/UN
G	U/S		259	387	MAGNENTIUS	350-52	W/SW
G	U/S		234	430	ILLEGIBLE C4TH	C4th	C/C
G	U/S		231	449	ILLEGIBLE	-	C/C
G	top.		176	320	'CONSTANTIUS II'	353+	SW/UN
GI	1		160	179	CONSTANTINE I	316-17	?SW/C
GI	1		158	481	GEORGE III	1773	VM/VM
GI	1A		456	5	DOBURNI AR. 2 frags.	c. 30-50	C/C
GI	1A		181	94	CLAUDIUS II, POSTH.	270	C/SW
GI	2	IV	183	344	'CONSTANTIUS II'	353+	UN/UN
GI	4		157	323	'CONSTANTIUS II'	353+	SW/SW
GI	6		230	133	'TETRICUS II, CAESAR'	273+	SW/C

Area+Trench	Layer	Phase	CO find no	Cat no	Issuer	Date	Condition
GI	7	IX	189	164	CARNUSIUS	287-90	UM/UM
GI	12	VIII	256	408	VALENS	367-75	W/W
GI	21		205	406	VALENS	367-75	W/W
GI	53		270	229	'CONSTANTINE I'	341-46	SW/SW
GI	89	IV	274	26	VESPASIAN	71	SW/SW
GI	105	IV	372	3	DOBUNNI AR	c.10-40	SW/SW
GI	106A	V	387	412	VALENS	367-75	W/W
GI	123	IV	361	7	CLAUDIUS I	41-50	W/W
GI	123	IV	362	19	'CLAUDIUS I'	41+	C/C
GI	U/S		156	284	CONSTANS	346-48	SW/UM
GI	U/S		161	389	MAGNENTIUS	351-53	?SW/UM
GI	U/S		162	407	VALENS	367-78	?W/W
GI	U/S		154	448	ILLEGIBLE	-	C/C
GIA	1A		447	326	'CONSTANTIUS II'	353+	SW/SW
GIA	1A		450	394	VALENTINIAN I	364-67	W/W
GIA	1A		210	466	ELIZABETH I	1558+	EW/EW
GIA	2	IX	193	234	'CONSTANTINE I'	341-46	SW/SW
GIA	2	IX	197	374	HOUSE OF CONSTANTINE	330-46	C/C
GIA	6	IX	208	11	'CLAUDIUS I'	41+	W/W
GIA	8	IX/X	443	137	'TETRICUS II, CAESAR'	273+	SW/SW
GIA	25	VI	233	302	CONSTANTIUS II	337-40	UM/UM
GIA	60	V	429	439	ILLEGIBLE C4TH	C4th	SW/SW
GIA	90	IV	444	13	'CLAUDIUS I'	41+	C/C
GIA	98	IV	452	47	TRAJAN?	?98-117	-
GII	1		178	104	POSTUMUS	261-66	UM/SW
GII	1		260	144	RADIATE COPY	273+	SW/SW
GII	1		203	356	'CONSTANTIUS II'	353+	UM/UM
GII	2		435	77	MAXIMUS CAESAR	236-38	W/W
GII	2		433	113	TETRICUS I	270-73	SW/SW
GII	2		277	155	CARAUSIUS	287-90	UM/UM
GII	2		229	332	'CONSTANTIUS II'	353+	UM/UM
GII	5		214	289	CONSTANS	346-48	SW/SW
GII	6	V	213	227	'CONSTANTINE I'	341-46	UM/UM
GII	U/S		159	246	CONSTANTIUS II, CAESAR	335-37	SW/SW
GIII	1		416	1	DOBUNNI AR	c-20-10	?W/W
GIII	1		420	70	FAUSTINA II (M.AURELIUS)	161-75	W/W
GIII	1		407	199	CONSTANTINE I	330-35	C/C
GIII	2	X	235	174	CONSTANTINE I	310	UM/UM
GIII	4	VI	400	170	CARAUSIUS	290-93	W/SW
GIII	4	VI	399	384	MAGNENTIUS	350-51	SW/SW
GIII	U/S		410	371	HOUSE OF CONSTANTINE	318-35	C/C
GIIIA	1		442	116	TETRICUS I	270-73	W/W
GIV	1		285	56	HADRIAN	125-34	Va/VN
GIV	1		278	155	RADIATE COPY	273+	SW/SW
GIV	1		347	159	AURELIAN	270-75	W/W
GIV	1		346	194	CONSTANTINE I	330-31	UM/UM
GIV	1		272	215	CONSTANTINE I	332-33	SW/SW
GIV	1		341	237	'CONSTANTINE I'	341-46	SW/SW
GIV	1		336	262	HELENA	337-40	SW/SW
GIV	1		273	265	'HELENA'	341-46	UM/UM
GIV	1		349	292	CONSTANS	346-48	SW/UM
GIV	1		353	295	CONSTANS	348-50	UM/UM
GIV	1		348	307	CONSTANTIUS II	346-48	SW/SW
GIV	1		331	350	'CONSTANTIUS II'	353+	SW/SW
GIV	1		342	357	'CONSTANTIUS II'	353+	SW/SW
GIV	1		332	366	CONSTANTIUS II/CONSTANS	346-48	C/C
GIV	1		282	370	CONSTANTIUS II/CONSTANS	346-48	SW/SW
GIV	1		352	402	VALENTINIAN I	367-75	?SW/SW
GIV	1		330	435	ILLEGIBLE C4TH	C4th	C/C

Area+Trench	Layer	Phase	CO find no	Cat no	Issuer	Date	Condition
GIV	1		279	485	VICTORIA	1891	W/W
GIV	1A		378	81	GALLIENUS	256-68	SW/C
GIV	1A		388	141	ILLEG.RADIATE, CARAUSTIUS?	C3rd	C/C
GIV	1A		384	173	CONSTANTINE I	310	UM/UM
GIV	1A		398	177	CONSTANTINE I	316	?SW/SW
GIV	1A		368	178	CONSTANTINE I	316	SW/SW
GIV	1A		404	191	CONSTANTINE I	330-31	?SW/SW
GIV	1A		350	201	CONSTANTINE I	330-35	UM/UM
GIV	1A		351	206	CONSTANTINE I	330-31	UM/UM
GIV	1A		382	208	CONSTANTINE I	330-31	SW/UM
GIV	1A		379	232	*CONSTANTINE I'	341-46	?W/W
GIV	1A		365	259	HELENA	337-40	UM/UM
GIV	1A		344	275	CONSTANS	346-48	SW/SW
GIV	1A		275	279	CONSTANS	346-48	SW/SW
GIV	1A		276	301	CONSTANTIUS II	337-49	SW/UM
GIV	1A		333	346	*CONSTANTIUS II'	353+	W/SW
GIV	1A		283	348	*CONSTANTIUS II'	353+	SW/SW
GIV	1A		396	365	CONSTANTIUS II/CONSTANS	346-48	SW/SW
GIV	1A		367	367	CONSTANTIUS II/CONSTANS	346-48	UM/UM
GIV	1A		281	373	HOUSE OF CONSTANTINE	330-35	SW/SW
GIV	1A		414	381	HOUSE OF CONSTANTINE	337-41	?SW/SW
GIV	1A		395	382	*HOUSE OF CONSTANTINE'	341-46	W/W
GIV	1A		376	428	ILLEGIBLE C3RD	C3rd	C/C
GIV	1A		408	437	ILLEGIBLE C4TH	C4th	C/C
GIV	1A		280	445	ILLEGIBLE	-	C/C
GIV	1A		284	459	ILLEGIBLE FRAGMENT	-	SW/SW
GIV	2	V	315	269	CONSTANTINE II	337-40	UM/UM
GIV	12	V	402	99	CLAUDIUS II, POSTH.	270	SW/SW
GIV	12	V	415	119	*TETRICUS I'	273+	W/W
GIV	12	V	439	312	CONSTANTIUS II(?)	353-54	SW/SW
GIV	12	V	411	379	HOUSE OF CONSTANTINE	335-41	UM/UM
GIV	12	V	413	421	HOUSE OF THEODOSIUS	388-402	C/SW
GIV	12	V	422	438	ILLEGIBLE C4TH	C4th	SW/SW
GIV	12	V	409	444	ILLEGIBLE	-	C/C
GIV	12	V	412	456	ILLEGIBLE FRAGMENTS	-	C/C
GIV	14	X	373	375	HOUSE OF CONSTANTINE	330-48	C/SW
GIV	15	VI	437	33	DOMITIAN	95	W/W
GIV	18	VI	421	440	ILLEGIBLE C4TH	C4th	C/C
GIV	21	VI	424	352	*CONSTANTIUS II'	353+	SW/SW
GIV	32	VI	445	443	ILLEGIBLE	-	C/C
GIV	35		454	150	RADIATE COPY	273+	SW/SW
GIV	U/S		448	93	CLAUDIUS II	268-70	W/SW
GIV	U/S		449	361	*CONSTANTIUS II' OVERSTR.	353+	SW/SW
GIV?	1A		386	196	CONSTANTINE I	330-31	SW/UM
GV	1		476	48	*TRAJAN'	103+	W/W
GV	1		463	192	CONSTANTINE I	330-31	SW/SW
GV	1		451	243	CONSTANTINE II, CAESAR	332-33	W/W
GV	1		453	390	MAGNENTIUS	351-53	SW/SW
GV	26	IV	479	36	FLAVIAN?	69-96?	C/C
GV	26	IV	476	207	CONSTANTINE I	330-31	W/SW
GV	U/S		481	241	CONSTANTINE II, CAESAR	330-35	SW/SW
M1	1		138	325	*CONSTANTIUS II'	353+	UM/UM
M11	1		180	59	ANTONINUS PIUS	138-61	W/W
M11	1		206	118	TETRICUS I	270-73	SW/SW
M11	1		224	244	CONSTANTINE II, CAESAR	332-33	UM/UM
M11	1		305	418	HOUSE OF VALENTINIAN	367-75	?SW/C
M11	1		188	468	MURMBURG JETTON	C16th	W/W
M11	2		219	297	CONSTANS	348-50	W/W
M11	2		307	460	ILLEGIBLE FRAGMENTS	-	C/C

Area+Trench	Layer	Phase	CD find no	Cat no	Issuer	Date	Condition
III	23a	III	317	458	ILLEGIBLE FRAGMENTS	-	C/C
III	49a		261	12	'CLAUDIUS I'	41+	VW/VW
III	U/S		240	337	'CONSTANTIUS II'	353+	UM/UM
IIII	1		241	230	'CONSTANTINE I'	341-46	UM/UM
JI	1		327	158	RADIATE COPY	273+	?W/W
JJ	1		377	372	HOUSE OF CONSTANTINE	330-35	SW/UM
JI	1		383	423	ILLEGIBLE C1ST-3RD COPY	C1-3rd	C/C
JI	1		329	471	CHARLES I	c1634	W/W
JI	1		328	472	CHARLES I	c1634	W/W
JI	49a	VIII	488	2	DOBUNNI AR. 2 frags,copy?	c.10-40	W/?SW
JII	1		390	271	CONSTANS	337-40	UM/UM
JII	2		389	66	N.AURELIUS,CAESAR	152-53	?SW/SW
JII	4		392	31	DONITIAN	92-93	SW/SW
JII	17a		432	10	'CLAUDIUS I'	41+	VW/C
KIIV	1		486	478	WILLIAM III	1690s	VW/VW
LVIII	49	IV	484	67	LUCIUS VERUS	161-69	EW/EW
LVIII	49	IV	485	220	CONSTANTINE I	332-33	SW/SW
LXI	6	IV	482	454	ILLEGIBLE FRAGMENTS	-	C/C
LXI	13	III	483	377	HOUSE OF CONSTANTINE	335-41	SW/SW
U/S	U/S		68	331	'CONSTANTIUS II'	353+	SW/UM
U/S	U/S		226	464	HENRY II AR	1180s	W/W

Table #12 Coins index 3, phase order

Full details can be obtained by reference to the main catalogue, which is arranged by issuer and period.

Phase	Area+Trench	Layer	CO no	Cat no	Issuer	Date	Condition
I	AAIn	48	71	14	'CLAUDIUS I'	41+	VM/W
I	AAIIs	82	79	41	TRAJAN	98-117	VM/WM
I	AAIIs	100	88	38	NERVA	96-98	C/C
I	DI	175	397	8	CLAUDIUS I	41-50	C/C
I	DI	175	419	17	'CLAUDIUS I'	41+	VM/W
I	DI	175	393	424	ILLEGIBLE C1ST/2ND	C1/2nd	C/C
II	AIXn	45	17	45	TRAJAN	112-14	W/W
II	BI	3	27	92	CLAUDIUS II	268-70	W/W
II	EI	55	440	15	'CLAUDIUS I'	41+	VM/W
III	AAIIs	103	83	44	TRAJAN	103-11	SM/SM
III	AAIIIn	77	70	267	THEODORA Fragment	337-40	SM/W
III	DII	77	468	4	DOBUNNI PLATED COPY CORE	c.10-40	VM/SM
III	EI	19	271	24	VESPASIAN	69-79	VM/W
III	PIV	8	374	22	GALBA	68-69	W/W
III	HII	23A	317	458	ILLEGIBLE FRAGMENTIS	-	C/C
III	LXI	13	483	377	HOUSE OF CONSTANTINE	335-41	SM/SM
IV	AAIIIn	19	54	101	QUINTILIUS	270	W/W
IV	AAIIIn	29	59	126	TETRICUS II, CAESAR	270-73	W/W
IV	BIA	12	92	391	MAGNENTIUS	351-53	UM/UM
IV	BIA	15	98	397	VALENTINIAN I	364-78	SM/UM
IV	GI	2	183	344	'CONSTANTIUS II'	353+	UM/UM
IV	GI	89	274	26	VESPASIAN	71	SM/SM
IV	GI	105	372	3	DOBUNNI AR	c.10-40	SM/SM
IV	GI	123	361	7	CLAUDIUS I	41-50	W/W
IV	GI	123	362	19	'CLAUDIUS I'	41+	C/C
IV	GIA	90	444	13	'CLAUDIUS I'	41+	C/C
IV	GIA	98	452	47	TRAJAN?	798-117	-
IV	GV	26	479	36	FLAVIAN?	69-96?	C/C
IV	GV	26	476	207	CONSTANTINE I	330-31	W/SM
IV	LVIII	49	484	67	LOCIUS VERUS	161-69	VM/VM
IV	LVIII	49	485	220	CONSTANTINE I	332-33	SM/SM
IV	LXI	6	482	454	ILLEGIBLE FRAGMENTS	-	C/C
V	AAIIIn	50	65	6	TIBERIUS	14-37	W/W
V	EII	34	446	32	DOMITIAN	93-94	SM/SM
V	GI	106A	387	412	VALENS	367-75	W/W
V	GIA	60	429	439	ILLEGIBLE C4TH	C4th	SM/SM
V	GII	6	213	227	'CONSTANTINE I'	341-46	UM/UM
V	GIV	2	315	269	CONSTANTINE II	337-40	UM/UM
V	GIV	12	402	99	CLAUDIUS II, POSTH.	270	SM/SM
V	GIV	12	415	119	'TETRICUS I'	273+	W/W
V	GIV	12	439	312	CONSTANTIUS II(?)	353-54	SM/SM
V	GIV	12	411	379	HOUSE OF CONSTANTINE	335-41	UM/UM
V	GIV	12	413	421	HOUSE OF THEODOSIUS	388-402	C/SM
V	GIV	12	422	438	ILLEGIBLE C4TH	C4th	SM/SM
V	GIV	12	409	444	ILLEGIBLE	-	C/C
V	GIV	12	412	456	ILLEGIBLE FRAGMENTS	-	C/C
VI	AIs	4	2	128	TETRICUS II, CAESAR	270-73	W/W
VI	AIXn	25	11	110	VICTORINUS	268-70	W/W
VI	AAIn	30	50	422	ILLEGIBLE C1ST	C1st	C/C
VI	AAIIIn	8	58	163	CRAUSIUS	287-90	SM/SM
VI	DI	7	174	39	NERVA	95-98	VM/VM
VI	DI	18a	223	37	NERVA	95-98	VM/VM
VI	DI	36	250	426	ILLEGIBLE C1ST/2ND	C1/2nd	C/C
V7	DI	47	236	107	VICTORINUS	268-70	UM/UM

Phase	Area+Trench	Layer	OO no	Cat no	Issuer	Date	Condition
VI	DI	47	238	125	TETRICUS II, CAESAR	270-73	SM/W
VI	DI	48	269	51	HADRIAN	117-38	?SM/SW
VI	DI	63	248	457	ILLEGIBLE FRAGMENTS	-	C/C
VI	DI	102	258	114	TETRICUS I	270-73	W/W
VI	DI	120	288	388	MAGNENTIUS	351-53	SM/UN
VI	DI	206	441	50	HADRIAN	117-38	VM/VM
VI	EII	11	265	53	HADRIAN	119-22	UM/SW
VI	EII	31	436	23	VESPASIAN	69-79	?W/W
VI	EVI	3	252	25	VESPASIAN	69-79	VM/VM
VI	GIA	25	233	302	CONSTANTIUS II	337-40	UM/UM
VI	GIII	4	400	170	CARUSIUS	290-93	W/SW
VI	GIII	4	399	384	MAGNENTIUS	350-51	SM/SW
VI	GIV	15	437	33	DOMITIAN	95	W/W
VI	GIV	18	421	440	ILLEGIBLE C4TH	C4th	C/C
VI	GIV	21	424	352	'CONSTANTIUS II'	353+	SM/SW
VI	GIV	32	445	443	ILLEGIBLE	-	C/C
VIII	CVIe	23	173	62	FAUSTINA :, POSTH. [PIUS]	141+	VM/VM
VIII	DI	2	125	322	'CONSTANTIUS II'	353+	?W/SW
VIII	DI	2a	188	278	CONSTANS	346-48	UM/UM
VIII	DI	25	187	69	FAUSTINA II [M.AURELIUS]	161-75	VM/EM
VIII	DII	15	478	27	VESPASIAN	71-78	W/W
VIII	DII	15	289	364	CONSTANTIUS II/CONSTANS	346-48	SM/SW
VIII	GI	12	256	408	VALENS	367-75	W/W
VIII	JI	49a	488	2	DOBUNNI AR. 2 frags. copy?	c.10-40	W/?SW
IX	AAIn	29	45	151	RADIATE COPY	273+	SM/W
IX	AAIn	29	46	152	RADIATE COPY	273+	C/W
IX	CVIAe	10	105	138	'TETRICUS II, CAESAR'	273+	?SM/SW
IX	CVIAe	12	102	294	CONSTANS	346-48	UM/UM
IX	CVIAe	52	155	188	CONSTANTINE I	325-26	SM/SW
IX	GI	7	189	164	CARUSIUS	287-90	UM/UM
IX	GIA	2	193	234	'CONSTANTINE I'	341-46	SM/SW
IX	GIA	2	197	374	HOUSE OF CONSTANTINE	330-46	C/C
IX	GIA	6	208	11	'CLAUDIUS I'	41+	VM/W
IX/X	GIA	8	443	137	'TETRICUS II CAESAR'	273+	SM/SW
X	FI	81	487	427	ILLEGIBLE C1ST/2ND	C1/2nd	C/C
X	GIII	2	235	174	CONSTANTINE I	310	UM/UM
X	GIV	14	373	375	HOUSE OF CONSTANTINE	330-48	C/SM
XI	FI	WALL1	462	334	'CONSTANTIUS II'	353+	SM/SW
XII	FI	14	401	197	CONSTANTINE I	330-35	C/SM
XIII	EI	4	430	78	PHILIP II	247-49	?W/W
XIII	EI	4	417	277	CONSTANS	346-48	SM/SW
XIII	EII	5	218	306	CONSTANTIUS II	346-48	SM/SW
XIII	EII	9	363	193	CONSTANTINE I	330-31	SM/SW
XIII	EII	9	358	272	CONSTANS	337-40	UM/UM
XIII	EIII	5	171	146	RADIATE COPY	273+	SM/SW
XIII	EIV	6	216	341	'CONSTANTIUS II'	353+	SM/SW
XIII	EIV	6	217	395	VALENTINIAN I	364-67	SM/LW
XIII	EIV	15	246	195	CONSTANTINE I	330-31	UM/UM
XIII	EIV	15	249	398	VALENTINIAN I	367-75	SM/SW
XIII	FI	5	366	180	CONSTANTINE I	319	C/UM
XIII	FI	5	354	315	CONSTANTIUS II	353-54	UM/UM
XIII	FI	9	391	240	CONSTANTINE II, CAESAR	330-31	SM/SW
XIII	FI	10	381	308	CONSTANTIUS II	346-48	SM/SW
XIII	FI	15	425	282	CONSTANS	346-48	SM/SW
XIII	FIV	2	370	214	CONSTANTINE I	332-33	SM/SM
XIII	FIV	2	371	217	CONSTANTINE I	335	SM/UM
XIII	FIV	2	369	463	ILLEGIBLE COPY	-	SM/SW
XIII	FIV	14	385	293	CONSTANS	346-48	UM/UM

X-Ray fluorescence analysis of coins

P W Clogg

Introduction

This report is concerned with the investigative analysis of the major and minor elemental components from six of the coins recovered. Five have been identified as Dubonnic coins (numbers 372, 416, 456, 468, and 488) whilst the sixth, coin 383, was unidentified. It was not possible to sample or prepare the coins in any way thereby confining the analysis to the coin's surfaces.

Condition

No information was available on any previous treatment the coins had undergone. Visual examination suggested that some cleaning had taken place although it was difficult to assess the extent and type (ie. mechanical or chemical) as some surfaces had an etched appearance which could be due to particular burial conditions.

The faces of the coins could be divided into three categories according to their surface conditions. It was felt more relevant to classify the individual faces of the coins in order to fully evaluate any differences occurring within the analytical results. The three condition categories were

- 1 those coins covered with a visually coherent green copper corrosion product,
- 2 those covered with a visually coherent brown/black/purple silver corrosion product, and
- 3 those in which only a slight surface tarnish overlay the exposed metal.

In addition two coins, numbers 416 and 468, displayed areas of iron staining within the corrosion layers.

Coins 456 and 488 were each in two fragments. The break edges of 456 revealed extensive corrosion with virtually no metal core remaining. Coin 488 however showed a relatively uncorroded metal core thereby providing an

opportunity for an additional analysis to be taken from this area and a comparison to be made with the surface results.

Analytical technique

The coins were all analysed by Energy Dispersive X-Ray Fluorescence (EDXRF) in their 'as received' condition. The equipment consisted of a Link Systems XR200 energy dispersive X-ray fluorescence spectrometer employing a Rhodium anode X-ray tube operating at 20kV. A 2mm collimator, with no filter, was used to limit the diameter of the X-ray beam thereby allowing the selection, for analysis, of restricted areas of the coins surface.

A full analysis was undertaken for the elements Al, Si, P, S, Cl, Ca, Fe, Ni, Cu, Zn, As, Br, Ag, Sn, Sb, Au, and Pb. Eight areas, four from each face of each coin, were analysed, each area being approximately 3mm in diameter

The analysis was calibrated using a full suit of single element standards giving a relative error of 10%. This level of accuracy was considered to be valid considering the surface conditions of the coins.

Analyses

Table N13 lists the complete surface analysis from each face of the coins (averaged from the four readings). The coins are labelled with the coin number, prefixed by a C, with 'a' and 'b' referring to the different faces of the coins. The number in the condition column refers to those conditions outlined above; F denotes an iron-stained surface. The elements Al, Si, P, S, Cl, Ca, Fe, and Br were determined in order to further assess both the corrosion products present and the contamination from the burial conditions. The difference between the measured total and 100% is due to the presence of oxides and carbonates within the corrosion layers (carbon and oxygen are not detected by XRF analysis). The relevant data for the elements copper, silver, tin, lead, zinc, arsenic, antimony, and gold was extracted from the full analysis and normalized in order to obtain a more coherent view of the results (table N14).

The full analysis indicates the presence of corrosion products and/or contaminants from the burial environment on all coins. Generally these figures are at relatively low levels although coin 456 shows an appreciable

quantity of Cl confirming the visual interpretation of the corrosion product as being silver chloride. The high Fe levels from coins 416 and 468 were anticipated and are due to the visible presence of iron staining within the corroded surface.

The results from the full analysis reflects well the different surface conditions of the faces with the visually more corroded areas producing significantly lower totals due to the presence of carbonates and oxides.

Major alloying elements

In general the results (table M14) show relatively pure silver-copper alloys with the presence of low levels (1-3.5%) of tin. An exception is coin 456 with between 7% and 11% tin. It should be noted however that this coin is in an advanced state of decay and the results may reflect the particular corrosion mechanisms which have taken place rather than the original composition of the alloy. Lead was found to be present at a consistently low level of 1-2% whilst coin 372 showed the only significant level of zinc, containing approximately 1.5%.

The slight differences in concentrations between the faces of the coins are not unexpected and reflect the differing surface conditions. The faces of coins 416 and 488 however produced widely different silver and copper levels with face 'a' giving a high silver and low copper whilst the opposite was true for face 'b'. These differing results highlight the problems that could arise from the unqualified use of 'surface analysis' of corroded material. In the case of coin 488 the opportunity to analyse the uncorroded core of the coin provided a control from which to assess the surface results. The results gave copper and silver concentrations which lay somewhere between those obtained from the surfaces. The possibility arises that face 'a' has been surface enriched with silver either deliberately, through plating, or due to the nature of the burial environment. The high copper - low silver from face 'b' was not unexpected as the surface was covered with green copper corrosion resulting from the preferential corrosion of the copper. This phenomenon is almost certainly due to factors within the burial environment possibly caused by the orientation of the coin within the ground setting-up micro environments. Analysis of the metal core was not possible with coin 416. However,

consideration of the surface conditions and the results obtained from coin 488 suggests that although face 'a' has some surface enrichment those results more accurately reflects the original composition of the coin.

Summary

The results produced in this report are from the analysis of the surface of the coins in their 'as received' condition and will therefore reflect any alteration to the original metal alloy through corrosion mechanisms before, during and after burial. The analyses will, to some degree, reflect the original composition of the coins; however, the opportunity to compare the surface analysis of coin 488 with that of its metal core further emphasized the problems that could arise from an unqualified use of the results of a surface analysis.

Table N13 The results of the full surface analysis of the coins - averaged from four readings. The labels are the coin numbers with a and b denoting the different faces of the coin. The condition category refers to those outlined in the text - F denotes those faces with iron staining. The figures are percentages; d. = detected, n.d. = not detected.

Label	Cond.	Al	Si	P	S	Cl	Ca	Fe	Ni	Cu	Zn	As	Br	Ag	Sn	Sb	Au	Pb	Total
C372a	3	d.	0.18	0.29	1.38	1.13	0.80	2.05	n.d.	39.41	1.70	n.d.	n.d.	63.50	2.67	n.d.	d.	1.08	114.45
C372b	2/3	d.	0.23	0.48	1.13	0.34	2.03	1.59	n.d.	27.62	1.14	n.d.	d.	37.10	1.60	n.d.	d.	1.06	74.57
C456a	2	d.	0.09	0.23	d.	11.48	0.45	0.20	d.	1.49	0.07	n.d.	0.31	71.21	8.24	d.	d.	0.70	94.88
C456b	2	d.	0.08	0.15	0.13	8.22	0.27	0.31	d.	2.12	d.	d.	0.08	70.50	5.52	n.d.	d.	0.68	88.33
C383a	3	0.16	0.92	0.54	0.23	2.08	1.00	2.03	n.d.	25.88	0.17	d.	d.	61.17	1.43	n.d.	0.88	1.02	98.11
C383b	2/3	0.35	1.58	0.61	0.44	1.68	1.13	2.71	n.d.	27.89	0.13	d.	n.d.	46.68	n.d.	n.d.	0.68	0.84	85.42
C416a	3	0.06	0.26	0.22	0.12	0.91	1.14	0.62	n.d.	15.67	n.d.	n.d.	d.	85.01	0.95	n.d.	d.	0.73	106.12
C416b	2/3F	0.20	2.03	0.62	d.	0.34	2.74	5.65	n.d.	39.26	n.d.	n.d.	d.	26.98	n.d.	n.d.	d.	1.01	79.05
C468a	2F	d.	0.29	0.53	0.61	0.64	0.92	3.50	n.d.	77.20	n.d.	n.d.	n.d.	9.16	2.42	n.d.	d.	1.64	96.91
C468b	1/2F	d.	0.50	0.76	0.43	0.43	1.58	2.83	d.	65.98	n.d.	n.d.	d.	6.93	2.44	n.d.	d.	1.37	83.24
C488a	3	0.09	0.36	0.52	1.25	1.59	0.60	1.65	n.d.	15.85	0.31	n.d.	d.	64.70	1.00	n.d.	d.	1.17	89.44
C488b	1/2	0.17	1.29	1.54	0.40	d.	0.95	1.10	n.d.	48.76	0.48	n.d.	d.	5.79	n.d.	n.d.	d.	0.42	60.91

Table M14 Main element data extracted from the full analysis and normalized

The figures are percentages; d. = detected, n.d. = not detected.

Label	Cond.	Cu	Zn	Sn	Pb	Ag	As	Sb	Au	Total
C372a	3	35.68	1.53	3.43	0.98	58.14	n.d.	n.d.	d.	99.74
C372b	2/3	38.56	1.59	3.50	1.49	54.54	n.d.	n.d.	d.	99.67
C456a	2	1.98	0.10	11.24	1.10	85.01	n.d.	n.d.	d.	99.43
C456b	2	2.84	0.06	7.77	0.96	88.01	d.	n.d.	d.	99.65
C383a	3	27.73	0.17	3.10	1.10	66.28	d.	n.d.	0.88	99.27
C383b	2/3	35.39	0.16	1.11	1.08	60.39	d.	n.d.	0.68	98.82
C416a	3	14.80	n.d.	2.56	0.70	81.53	n.d.	n.d.	d.	99.59
C416b	2/3F	54.75	n.d.	n.d.	1.51	43.38	n.d.	n.d.	d.	99.65
C468a	2F	84.10	n.d.	3.12	1.84	10.85	n.d.	n.d.	d.	99.92
C468b	1/2F	84.56	n.d.	3.45	1.85	10.05	n.d.	n.d.	d.	99.92
C488a	3	18.81	0.37	2.52	1.44	76.43	n.d.	n.d.	d.	99.57
C488b	1/2	86.40	0.85	n.d.	0.80	11.67	n.d.	n.d.	d.	99.73
C488 edge	3	61.37	0.38	1.02	1.02	35.92	d.	n.d.	d.	99.70

Copper alloy objects excluding brooches (figs 82-92)

Glenys Lloyd-Morgan

[xxxxx] All Roman and possibly Roman items have been included. Details of post-Roman items are available in the archive.

Dress fasteners

- 1 Dress fastener with plain disc-shaped head, and solid triangular shaped loop, complete. Diam head 14.9mm x 15.8mm, overall length \pm 23.5mm. (CA 328, F I 1, unphased)

This piece belongs to Wild's class Vc, with a suggested 2nd-century date (1970, 140, fig 1). However, recent excavations at the Fortress Baths, Caerleon, produced a piece from a context dated to before AD 100/110 (Zienkiewicz 1986, 173, no 12, fig 56).

Another piece now in the Yorkshire Museum, was formerly thought to have been associated with the hoard of cavalry fittings found at Fremington Hagg (Webster 1971, cf 118, no 77, fig 15).

- 2 As above, also of class Vc, but rather worn and the loop for attachment now lost. Diam head \pm 16mm. (CA 255, G IA 5, phase VI, late 4th century)

Rings

- 3 Finger ring with raised cylindrical mount on oval bezel set with a blue glass gem en cabuchon. The hoop is incomplete and a little distorted, the one surviving shoulder being decorated with five transverse hatchings. Internal diameter front to back \pm 12mm, bezel \pm 7.3mm x 9mm, ht bezel 7mm. (CA 506, M III 13, phase III, mid-4th century)

This type of ring is not uncommon, and a parallel example also set with a blue glass gem is briefly discussed in Allason-Jones and Niket (1984, 125, no 3.194, also listed as no 10.22 on p 347).

Another example from Wood Eaton, Oxon has a green glass inset (Kirk 1949, 22, no 4, fig 5, no 10), as does another ring from Cirencester (McWhirr et al 1982, microfiche B08, B10, fig 54, no 35).

- 4 Finger ring with raised subhexagonal mount on an oval bezel, set with a blue glass gem, the hoop is in five separate fragments but no decoration can be identified. Bezel 7mm x 7mm, ht bezel 6.3mm. (CA 419, G IV 23, phase VI, late 4th century)

Like the other finger ring, no 3, (CA 506) above, which it closely resembles, it belongs to Henig's Group VIII series which can be dated to around the 3rd century (1974, part 1, 49, fig 2).

- 5 Ring with octagonal outer face and circular inner one, otherwise undecorated. Outer diam 22.6-23mm, inner diam \leq 18mm, depth 2.6mm. (CA 450, G IV 41, phase I?, late 2nd/3rd century?)

The ring belongs to Henig's Type IX polygonal rings, dating to the 3rd century. They are found in precious metals as well as copper alloy. Two examples were reported from Neatham, Hamps. One nonagonal example came from a late 3rd-century context, and an octagonal silver ring was unstratified (Millett and Graham 1986, 103, fig 71, no 17; and 111, fig 75, no 150 respectively). A copper alloy ring from South Shields is slightly smaller than this one (Allason-Jones & Miket 1984, 122, fig on p 121, no 3.166). Also another piece from Verulamium which is described as coming from a context dated AD 365-380, though it is noted that a 3rd-century date is probable (Frere 1984, 31, no 62, fig 10).

- 6 Curved and moulded fragment, possibly part of the shoulder of a finger ring. Length \leq 11mm, height 6.4mm. (CA 417, G IV 23, phase VI, late 4th century)
- 7 Crude flat ring with subrectangular cross-section, bent slightly out of shape. Diam 22mm x 25mm, height 1.5-1.9mm, width 2.4mm. (CA 9, A IX 1, unphased)
- 8 Crude ring with subrectangular cross-section. Outer diam 19.6mm x 20.9mm, height 3.5mm, width \leq 2mm. (CA 352, unstratified, unphased)
- 9 Penannular ring-shaped fitting or split ring?, with flat rectangular cross-section. Present diam \leq 20mm x 21.5mm, cross-section 1.3mm x 2mm. (CA 70, AA III 11, phase VIII, early to mid-4th century)
- 10 Irregular ring with roughly circular cross-section, surface a little worn. Diam 18.8mm, height 3.5mm, width 3.5mm. (CA 82, AA III U/S, unphased)

- 11 Irregular ring with ovoid cross-section, worn in places. Diam 34.9-35.4mm, height 2.3mm, thickness 2.3-3.2mm. (CA 234, E I 2, unphased)
- 12 Wire with roughly circular cross-section twisted into a loop or ring with ends overlapping. One end tapers to a point, the other is rather corroded, and the hoop is worn in some places. Length of wire \underline{g} 71mm, cross-section 2 x 2.3mm. (CA 5, A IX 5, unphased)
- 13 Crude and irregular ring, slightly bent out of true. Diam 33.3-34mm, height 4-4.7mm. (CA 478, E VII 1, unphased)
- 14 Corroded ring or ring-shaped fitting, with remains of a narrow strip running diametrically across it but now broken. Diam ring 14.6mm, height 1.6mm. (CA 340, F I 5, phase XIII, after AD 353)

Bracelets

- 15 Bracelet made of two wires twisted together. Incomplete with about one-third of the hoop surviving, and has an oval cross-section. Length \underline{g} 78mm, cross-section 3.4mm x 2.6mm. (CA 223, H II 1, unphased)

One example from Colchester came from a context dated AD 320-450 (Crummy 1983, 38, no 1611, fig 41); other more closely dated examples come from the Lankhills cemetery, all from graves of around AD 350-370 (Clarke 1979, Type 1a, cf 302, Grave 139, fig 76, no 108, 111; Grave 117, fig 75, no 143; Grave 168, fig 78, no 279). Compare also the piece from Tiddington M45.

- 16 Incomplete bracelet made up of three wires twisted together, and in two fragments with remains of a ?hooked terminal, heavily corroded. Length 37.5mm, 13.7mm; cross-section \underline{g} 4.5mm. (CA 388, G IV 1A, unphased)

This is probably the most common form of twisted wire bracelet, with examples noted from Catsgore, Somerset (Leech 1982, 113, fig 79, nos 3, 4, 5, 6); Colchester (Crummy 1983, 38, fig 41, no 1628, complete, from a grave deposit, Butt Road 1976-9 dated \underline{g} AD 320-450). The best dated pieces come from the Lankhills cemetery, Winchester (Clarke 1979, Type A2a, cf p 303, Grave 100, fig 73, no 84, dated AD 330-370; Grave 122, fig 74, no 100, 102, 103 dated AD

350-370; Grave 139, fig 76, no 106, 113, 114, AD 350-370; Grave 183, fig 79, no 179, 180, 183, 185, 186, 187, AD 350-370; Grave 155, fig 78, no 198, AD 310-350/370; Grave 256, fig 82, no 238, AD 350-370; Grave 188, fig 80, no 245, 246, 249, AD 310-370; Grave 323, fig 85, no 435, AD 350-370; and fig 101, n. 301 from topsoil). Examples have also been found on Warwickshire sites Alcester, Bleachfield Street 1976-7 107; ALC 69 (1) 15; Tiddington M590; TD 81 498; 719; 971; Coleshill GH 78 90; GH 79 558.

Note: there was also a sheet metal offcut found with the bracelet fragment, measuring 8.1mm x 16.2mm, thickness \pm 1.4mm.

17 Fragment as above. Length 30.7mm, cross-section 3mm. (CA 26, AA II 2, unphased)

18 As above. Length 23.9mm, cross-section 2.4mm. (CA 2, A I 2, unphased)

19 Incomplete bracelet made of five wires twisted together giving a roughly circular cross-section; one damaged terminal survives. Length 82mm, cross-section \pm 4-4.8mm. (CA 316, G II 2, unphased) Compare the unstratified example from Whitton, Glamorgan (Jarrett and Wrathmell 1981, 185, no 73, fig 73).

20 Wire with subrectangular cross-section and wound about with \pm four turns of wire at one end. Possibly part of a bracelet with terminal? Length \pm 80mm. (CA 353, F IV 2, phase XIII, after AD 353)

Compare two pieces from South Shields (Allason-Jones and Miket 1984, 132, no 3.249, 3.250, figs on p 133); and another from Colchester (Crummy 1983, 38, no 1601, fig 41, from a grave deposit dated \pm 3rd to 4th century AD).

21 Incomplete bracelet with loop terminal and the end turned back on itself and wound round the hoop. Undecorated, and with an oval cross-section. Length 114mm, cross-section 2.8mm x 2.1mm. (CA 317, F I +, unphased)

Compare the complete example from Gestingthorpe (Draper *et al* 1985, 29, no 31, fig 10); and a fragment from Bleachfield Street, Alcester which may be related (1976-7 443).

22 Fragment of penannular bracelet with a lightly moulded terminal, oval in cross-section and slightly wider than the hoop. Length 38mm, cross-section hoop \pm 4.8mm x 1.8mm. (CA 31, A X 22, unphased)

Compare the closely related example from Puckeridge-Braughing, Herts (Potter and Trow 1988, 63, fig 26, no 78); and another from Baldock, Herts, found in a late 3rd or 4th century context (Stead and Rigby 1986, 125, 128, fig 53, no 188).

- 23 Incomplete bracelet, badly corroded but similar to the above example. Length 86mm, cross-section 5.6mm x 2.1mm. (CA 295, D I 36, phase VI, mid- to late 4th century)
- 24 Fragment, tapering slightly towards the terminal, and with oval cross-section. Heavily encrusted. Length \leq 70mm, max cross-section \leq 4.3mm x 2.5mm. (CA 459, D II 29, unphased)
- 25 Fragment of bracelet with slightly expanded terminal, with geometric and linear incised patterns and circles applied, probably in imitation of the snakes head type decoration? The hoop has a rectangular cross-section. Present length \leq 70mm, cross-section hoop 6.2mm x 2mm, max width terminal 9.7mm. (CA 43, B X U/S, unphased)

Compare the complete example from Brockworth, Glos, with a simpler form of decoration on the terminals (Rawes 1981, 66, fig 8, no 8); also the slighter, unpublished pieces from Thistleton, Rutland THZ 3482 BZ 101 474; and Malton, Yorks 1968-9, unnumbered.

- 26 Fragment of bracelet with one terminal in the form of a stylized snake head. Length \leq 55mm, width hoop 6.5mm. (CA 343, D II 21, unphased)

One example of a snake's head bracelet from Canterbury was dated to AD 270-290 (Frere, Stow and Bennett 1982, 124, fig 61, no 31); another from an inhumation grave at Colchester was dated 3rd to 4th century (Crummy 1983, 44, fig 45, no 1711).

- 27 Incomplete strip metal bracelet with rectangular cross-section. The wider outer face is decorated with an incised line as border at each edge, with panels of incised upright hatching lines alternating with others making a rough zig-zag pattern. Part of the eyelet for the fastening survives; the other, hooked, terminal is lost. Length 135mm, cross-section 4mm x 1mm. (CA 371, F IV 14, phase XIII, after AD 353)

An exact parallel comes from Dinorben, Denbighshire (Gardner and Savory 1964, 138, fig 16, no 2). Other similar pieces have been reported from Vindolanda in a context dated c AD 400 or later (Bidwell 1985, 122, fig 41, no 41); Baldock, Herts (Stead and Rigby 1986, 125, fig 52, no 173 where a 4th-century date is suggested); and Lankhills cemetery, Winchester (Clarke 1979, Type D1c, 305, Grave 139, fig 76, no 107, dated AD 350-370).

- 28 Incomplete strip metal bracelet with rectangular cross-section as above, with one end tapering towards the broken ?hook terminal. The outer face is decorated with an irregular incised wave pattern. Length c 68mm, max cross-section 3.8mm x 0.9mm. (CA 495, F V 3, unphased)
- 29 Strip of slightly varying width in two adjoining pieces with some surviving traces of linear incised decoration. Probably part of a bracelet as CA 371 and 495 above. Length c 36mm, max cross-section 6.4mm x 0.9mm. (CA 396, D I 109, phase II, later 2nd-early 3rd century?)
- 30 Fragment of bracelet with notched 'chip-carved' decoration on the wider outer face, now rolled into a ring with ends overlapping. Length 64mm, max cross-section 3.2mm x 1.6mm. (CA 327, G IV 1, unphased)

Compare the identical decoration on a piece from the Roman Theatre at Verulamium, said to be from a late 4th-century context (Kenyon 1934, 259, fig 12, no 1); and the one from the Roman cemetery at Lankhills (Clarke 1979, Type D1g Grave 268, 305, fig 83, no 265, dated AD 350-370, cf also Table 2, p 58-9).

- 31 Complete bracelet of strip metal tapering towards the terminals, with 'chip-carved' decoration, now come apart at the rivet, which is still in situ at one end. The pattern is symmetrical about the centre of the piece. The first section from the terminal is decorated with a central incised line with hatching on either side at the edge; the second section has two small panels with a dot-and-double circle inside each, and separated from each other, and the sections either side by a transverse incised line; the third and central section consists of three panels with faceted corners

to give a raised diamond-shaped effect, each panel being marked off from the other by incised transverse lines. Length \underline{c} 196mm, max cross-section 5mm x 1.2mm. (CA 237, G IA 1A, unphased)

The first two sections are exactly paralleled by examples from Great Dunmow, Essex (Wickenden 1988, 39, 41, fig 31, no 11); and the Fens (Potter 1981, 98, fig 8, no 9 where the bracelet is dated 3rd to 4th century). An unpublished fragment from Thistleton, Rutland, THZ 2224 BZ 66 286 has the same diamond-shaped patterns.

- 32 Hooked terminal of a strip of metal bracelet with moulded and 'chip-carved' decoration, consisting of a diamond-shaped panel similar to the ones found on the bracelet noted above (31), and a long panel with longitudinal moulding with hatching along the outer edges. The remains of transverse moulding can be seen at the break. Length \underline{c} 45mm, max cross-section 5.4mm x 1.5mm. (CA 342, F I 2, unphased)

Similar to the first section of a bracelet also with hooked terminal from Tiddington, Warks (TD 81 654).

- 33 Fragment with rectangular cross-section. The outer narrow edge appears to have traces of light hatching alternating on either side to produce a zig-zag effect. Length \underline{c} 69mm, cross-section 1.2mm x 4.5mm, diam \underline{c} 80mm. (CA 141, C VI 4, phase IX, mid-4th century on)

Compare with examples from Gestingthorpe (Draper *et al* 1985, 29, fig 10, no 37); Winterton Villa, Lincs, dated 3rd or 4th century (Stead 1976, 202, fig 103, no 44); and Lankhills cemetery from contexts dated respectively AD 350-370, and 310-350/370 (Clarke 1979, Grave 117, 306, fig 47, no 141, and fig 75; Grave 155, 306, no 196, fig 78). Compare also the example from Alcester, Bleachfield Street, 1976-7 276.

- 34 Fragment of a bracelet similar to CA 141 above, but nicked at intervals on the outer narrow edge. Length 17mm, cross-section 1.3mm x 3.3mm. (CA 180, E II 1, unphased)

Two pieces from Shakenoak were dated to the later 3rd century (Brodrigg, Hands and Walker 1971, 110, fig 48, no 73, 77); a complete piece from Butt Road, Colchester was found in a grave deposit dated \underline{c} 320-450 AD (Crummy 1983, 38, no 1654, fig 43).

Necklaces and other ornaments

35 Fragments of a necklace, consisting of the fastening section of which one piece is a crook-shaped hook of sheet metal, and the other has the ring-shaped terminal to take it; two almost complete links and four more fragmentary pieces survive, each link being made of wire with a disc-shaped bead of blue or amber coloured glass threaded on to the middle. Each end of the wire was then turned back into a loop and wound round itself for several turns. Length of hook shaped section of fastener 25.6mm, length of ring shaped section of fastener 20.2mm, diam of blue beads 4.1mm, length of link with blue bead 12.2mm, diam of amber coloured bead 4.2mm, length of link with amber coloured bead 11.4mm. (CA 153, C VIA 12, phase IX, mid-4th century on)

Guido notes that these biconical beads of blue- and amber-coloured glass are datable to the 4th to 5th centuries AD (1978, 97, 98, fig 37, no 12, 13). The hook of this necklace can be paralleled by one from Nettleton found in 'a 4th-century level', though pace Wedlake it is not an earring (1982, 204, fig 85, no 1) and by another on a necklace from a grave dated AD 350-370 in the Lankhills cemetery, Winchester (Clarke 1979, Grave 336, fig 90 item no 363, Pl.Ia top, discussed 297, 299 also Table 2, p 71).

36 A fragmentary necklace consisting of roughly cubic glass beads on wire links similar to those found in the necklace noted above. The surviving beads consist of fifteen of blue glass, and five made up of layers of different colours; blue, white, red, white, and blue in sequence and vertically pierced. The beaded links were interspersed with flat scroll-shaped links, now represented by four examples in varying states of preservation. One part only of the fastener, namely the hook, has survived. Length of hook 21.2mm, length of scroll shaped link \leq 10.5mm, bead lengths \leq 4-5mm, cross sections \leq 3-3.5mm square. (CA 451, G IV 61, phase IV, early to mid-4th century)

Sections of surviving necklace include:-

two groups of three-beaded links with scroll-shaped link in centre 93mm; terminal hook with beaded links in the following sequence:-

two blue, one multicoloured, one blue, one multicoloured, three blue, length 70mm (illustrated); in conjunction with three blue beaded links with one scroll link, length 37mm; two multicoloured beaded links with scroll-shaped link in the centre, length 34mm; one multicoloured beaded link with scroll-shaped link, length 30.5mm; with three unconnected beaded links.

With the missing ring-shaped section of the fastener and possibly one or two links now lost, the necklace must have originally been at least 300mm or more in length. Guido has dated the small square sectioned beads (long or cube shaped) in translucent blue and other colours to the late 3rd to late 4th century (1978, 96, fig 37, no 7).

Beads similar to these, in layers of blue, white, and red, were found in a grave deposit at Butt Road, Colchester and dated 2nd century to c AD 320 (Crummy 1983, 34, fig 36, no 1415). The most complete parallel for the necklace is however that found at Gestingthorpe, Essex. It has plain green and plain blue beads as well as multi-coloured ones as here, and the same flat scroll links. It was dated by Guido to the 3rd or more probably the 4th century (in Draper *et al* 1985, 68, fig 31, no 346).

- 37 Elongated hexagonal plaque or fitting, possibly a link from a necklace. Pierced at the narrow ends and decorated with a row of three S-shaped punch marks across the central section. Dimensions 23.2mm x 7.1mm, thickness 0.7mm. (CA 464, G IV 12, phase V, later 4th century)
- 38 Small plate, strap end or fitting with fragment of textile, which appears to be a weft face band with metallic thread insert. Plate 11.4mm x 17.3mm, textile 10.8m x 7mm. (CA 242, G III 1, unphased)

Pins and needles

- 39 Pin with spherical head, a little damaged and bent. Diam head 3.5mm, height 40mm. (CA 11, A I 2, unphased)

Type 3 pin which Crummy suggests was 'current throughout the Roman period' (1983, 29, fig 28). One example from Winterton Roman Villa was dated to the 4th century by Stead (1976, 207, fig 106).

Compare also the unstratified example from Boxmoor House School (Neal 1974-6, 78, fig 46, no 24).

40 Pin, as above, with sub spherical head, in two pieces and tip of shaft lost. Diam head 6.5mm, height 93mm. (CA 392, G IA 5, phase VI, late 4th century)

41 Pin with ovoid or pine cone shaped head, with below this two neat well defined collars. The tip and most of the shaft is lost. Diam head 3.5mm, height 47.8mm. (CA 96, AA III 37, unphased)

Compare the examples from Braughing, Herts (Potter & Trow 1988, 61, fig 25, no 42) and Baldock, Herts (Stead & Rigby 1986, 128, fig 55, no 224). A related example from the Legionary Baths at Caerleon was found in a context dated AD 160-230 (Zienkiewicz 1986, 181, fig 60, no 117).

42 Pin with baluster type head, probably complete. Not available for study. Compare the examples from Woodeaton (Kirk 1949, 18, no 39, fig 4, no 7) and Boxmoor House School (Neal 1974-6, 78, fig 46, no 22), and the related examples from Warwickshire: Alcester ALC 69 60; Coleshill GH 1978 1001; and Tiddington TR 82 61. (CA 233, G I 18, unphased)

43 Heavily worn example of pin with a baluster-type head similar to the piece noted above. Max diam head 3.5mm, height \leq 72mm. (CA 284, E IV 15, phase XIII, after AD 353)

44 Pin with baluster-shaped head with two collars below to divide the head from the shaft, and one above, with a tiny cone as a terminal. The surface is a little eroded in places, otherwise complete. Diam head 3mm, length 99mm. (CA 507, M III 6B, phase II, late 2nd-early 3rd century on)

Compare the example from Braughing (Potter & Trow 1988, 61, fig 25, no 44). It is similar to Crummy's Type 2 pin which she dates to the early 2nd to 3rd century AD (1983, 30, no 511, fig 31). A related example from Wadham House, Dorchester, Dorset was found in a context dated \leq AD 150-170 (Draper & Chaplin 1982, 24, fig 12, no 1).

45 Similar to the pin above, but with two tiny collars at either end of the central baluster-shaped moulding, and a tiny cone-shaped

terminal. Tip and much of shaft lost. Diam head \approx 2.5mm, height 47.5mm. (CA 120, AA II 89, phase III, 3rd century)

One example from Woodeston had a suggested date of second half of the 2nd century AD (Kirk 1949, 18, no 41, pl IIA, no 9); another piece from Nettleton was found in a 3rd-century context (Wedlake 1982, 216, fig 93, no 2). Compare also the pin from Coleshill GH 1979 588 and the related example from Tiddington TD 81 482.

- 46 Pin with the head decorated with a panel of very light cross-hatching delimited above and below by a firmly incised line. The terminal of the head is a small neat cone. Complete. Diam head \approx 1mm, height 114.3mm. (CA 14, A V 11, phase VI, late 3rd-early 4th century)

Compare the example from Hemel Hempstead (Neal 1974-6, 114, fig 63, no 3); and the example from Tiddington M737, and the related M689; M693; and from Alcester ALC 1972 2.

- 47 As above, in two adjoining fragments, tip and lower part of shaft lost. Height 39.5mm. (CA 92, AA III 11, Phase VIII, early to mid-4th century)

- 48 Pin with slight drum-shaped head, decorated with fine cross-hatching bounded on either side by a fine narrow collar. In two adjoining pieces, rather corroded on the lower section. Diam head 3.2mm, height \approx 88mm. (CA 377, D I 128, phase II, later 2nd-early 3rd century?)

Compare the related piece from Hunsbury, Northants (Fell 1936, 62, no 2 (e), fig 3, no 5); also Tiddington TD 81 230.

- 49 Pin with irregular subspherical head. The upper half is decorated with closely packed hatching; the lower half, of slightly smaller diameter, is undecorated, and separated from the shaft by a small crisply defined collar. The tip and much of the shaft is lost. Max diam head 77mm, height 44.2mm. (CA 84, C V 1, unphased)

Compare the related example from Nettleton, Wilts, said to have been found in a 1st- to 2nd-century context (Wedlake, 1982, 216, no 16, fig 93); also the unpublished piece from Black Wong, Thistleton Rutland TH2 284, and perhaps two other pieces from Tiddington M625 and M734 which may be related. An identical

unpublished example was found during excavations at Mill Street, Caerleon during the mid-1960s SF 82/086 281.

- 50 Pin, sub-spherical head a little worn. Diam head 2.7mm, height 36.3mm. (CA 103, AA II 1, unphased)
- 51 Tip and shaft of fine pin, head lost. Height \pm 45mm. (CA 215, E I 2, unphased)
- 52 Tip and lower part of shaft of pin. Height \pm 19mm. (CA 241, G I 17, phase VI, late 4th century)
- 53 Pin; bent and head lost. Height \pm 47mm. (CA 354, F I 5, phase XIII, after AD 353)
- 54 Tip and part of tapered shaft of pin or implement. Height 64.2mm. (CA 30, B I U/S, unphased)
- 55 Wire, or shaft of pin or other implement, in four adjoining pieces, rather corroded. Height \pm 61mm. (CA 91, AA III 11, phase VIII, early to mid-4th century)
- 56 Three fragments of pin or other implement; one has the remains of the point, all heavily encrusted. Lengths 36.5mm; 32mm; 25mm. (CA 175, C VIA 107, phase V, later 3rd century on)
- 57 Tip and part of shaft of pin or other implement. Height 52mm. (CA 313, E I 46, phase VI, early 3rd century?)
- 58 Shaft and tip of pin or other implement, in two adjoining pieces. Height 76mm. (CA 350, E V 1, unphased)

Needles

- 59 Needle or bodkin; only one side of the eye survives. Tip and part of shaft lost, bent. Height 68mm. (CA 94, AA I 44, phase V, later 3rd century on)
- 60 Needle; bent, otherwise complete. Height 90mm. (CA 455, G IV 46, phase I7, late 2nd/early 3rd century)
- 61 Needle broken just across the lower part of the eye. Height \pm 135mm. (CA 458, E II 27, phase V, late 2nd century?)
- 62 Needle or bodkin; tip and lower part of shaft lost, as is the head just above the initial flattening for the eyelet; rather corroded. Height 60.7mm. (CA² 505, M III 13, phase III, mid-4th century)

- 63 Point; perhaps tip of pin or needle. Height 26mm. (CA 76, AA II 1, unphased)
- 64 Tip and shaft of implement, pin or needle? Height 62mm. (CA 87, AA I U/S, unphased)
- 65 Tapering shaft of implement, pin or needle, tip and upper section lost. Height 41mm. (CA 97, AA III 39, unphased)
- 66 Shaft of pin or needle, upper section lost. Height 85.5mm. (CA 133, AA II 8, unphased)
- 67 Tip and part of shaft of pin or needle, rather encrusted. Height 58.6mm. (CA 324, H II 61, unphased)
- 68 Tip and shaft of pin or needle. Height 52.4mm. (CA 330, D I 138, unphased)
- 69 As above. Height 63mm. (CA 372, D I 157, phase IV, late 3rd century?)
- 70 Wire, or shaft of pin or needle, bent and a little worn. Height \pm 63mm. (CA 436, E II 30, phase VI, early 3rd century?)

Mirrors

- 71 Corner fragment of a rectangular mirror with bevelled edges to the reflecting side. Now rather corroded and fractured, but the finish of the upper reflecting surface and pocked unfinished surface on the reverse can be distinguished. Present dimensions \pm 25mm x 26mm, thickness 1.4mm. (ON 12, AA III 58, phase III, later 3rd century)

The rectangular mirror was one of the most popular and widespread types of metal mirror during the 1st century AD with over 90 examples recorded in Dutch collections, mostly from Nijmegen (Lloyd-Morgan 1981, Group A, p 3-20). They are often found on British sites; an edge fragment was reported amongst the copper alloy items from excavations at Bleachfield Street, Alcester, 1975-6, 650A. Another corner piece was excavated at the fort of Gelligaer, Glamorgan (National Museum of Wales inv no 09.182), and a small edge fragment was found in the Roman cemetery at Sandy, Beds, in 1987 (SF no SC 87, 71, 61). A more complete mirror from St Pancras cemetery, Chichester, was dated to \pm AD 80-100 (Down and Rule 1971, 97, fig 5, 21, Grave 60).

- 72 Internal fragment of a hand mirror disc, the surface is finished on both sides. One side is plain, the other turned with three concentric circles. The piece probably comes from near the centre of the original disc. Measuring 15.5mm x 9.4mm, thickness 0.9mm, original diameter at least 65mm and probably greater. (CA 394, D I 174, phase I, 1st century-early Antonine)

The delicacy of the fragment suggests that the piece probably belonged to the Group G series of handmirrors (Lloyd-Morgan 1981, 36-43), which are turning up in increasing numbers in Britain though the main concentration and area of production appears to be centred in the Lower Rhineland. Several examples have recently been noted from excavations in Carlisle, one of which, from Castle Street, 1982, SF no 277 came from a context dated to the Flavian/Trajanic period. Another unpublished fragment from Allens Yard, Towcester, Northants, 1984, is said to have come from a 1st century AD ditch, which confirms the general dating of the group to Flavian times suggested by previous finds from Britain and the Continent.

- 73 Ten badly corroded internal fragments of mirror, one of which shows the remains of the polished reflecting side and the pocked unfinished surface of the underside beneath the general encrustation. Identified as Group Za (Lloyd-Morgan 1981, 107-8). Largest fragment 11mm x 13.2mm, thickness 1.3mm. (CA 115, C III 50, unphased)
- 74 Mirror fragment, corroded and encrusted, but with traces of a finished surface on one side and an unfinished surface on the other side. No traces of an edge, and so classed as Group Za. Measuring 33.3mm x 18.4mm, thickness 1.5mm. (CA 162, C VIA 56, unphased)
- 75 Three internal fragments of mirror as above, with different surfaces and the crisp breaks at the edges identify the pieces as Group Za.
- (i) 11.6mm x 13.4mm, thickness: 0.9mm.
 - (ii) 12.1mm x 8.6mm, thickness: 0.9mm.
 - (iii) 6mm x 10.6mm, thickness: 0.8mm.
- (CA 165, C VI 11, phase VI, early to mid-4th century)

Unfortunately the brittleness of the high-tin copper alloy used for manufacturing the rectangular and simple disc mirrors in the 1st century AD led to breakages, and it is not uncommon to find these almost unidentifiable fragments which have to be roughly classed as Group Za. It is pleasant to note that another fragment of this type was identified from excavations at the Bleachfield Street site at Alcester 1976-7, SF no 450. These five new mirror fragments from Birch Abbey, plus the two from Bleachfield Street are all 1st century in date, and reinforce the impression of a modest level of wealth amongst some of the local populace which was used to purchase such useful little luxuries.

Toilet implements

- 76 Scoop with suspension loop produced by drawing out the upper part of the implement into a wire, looping it back upon itself and winding the remainder in n nine turns firmly round the top of the shaft, which is rectangular in cross-section. Damaged, and part of the scoop is lost. Length 70mm. (CA 305, D I 19, phase VI, mid- to late 4th century)

Probably from a toilet set with a matching nail cleaner and tweezers, as an example from Holt, Denbeighshire (Grimes 1930, 128, fig 56, no 19). Compare also the piece from Baldock, Herts (Stead and Rigby 1986, 130, fig 56, no 276); and from the Baths at Caerleon from a context thought to be probably Antonine in date (Zienkiewicz 1986, 183, no 139, fig 60).

- 77 Scoop of sheet metal formerly part of a toilet set and still retaining part of a wire loop. There appear to be some slight traces of decoration on the shaft. Length 52mm, length of wire loop 14mm. (CA 466, v 1, unphased)

Compare the examples from Baldock, Herts (Stead and Rigby 1986, 130, fig 56, nos 265, 266, 268); from Puckeridge-Braughing, Herts (Potter and Trow 1988, 61, fig 25, no 29).

- 78 Scoop, similar to the previous example but with a decorative profile, imitating a collar, just below the suspension ring. A little worn in places. Length 52.1mm. (CA 226, H II 2, unphased)

79 Pair of small, undecorated, tweezers slightly bent out of true length of \approx 45mm, width 4.4mm. (CA 334, F I 2, unphased);

This simple type is found in a wide variety of dated contexts in Roman Britain, for example, a Flavian context at the Manor Farm site, Silchester (Fulford 1984, 112, fig 36, no 15); and at Shakenoak, Oxon where pieces were dated to the late 4th, and the later 3rd century respectively (Brodrigg *et al* 1968, 86, fig 29, no 16; Brodrigg *et al* 1971, 108, fig 46, no 64). Other examples from Warwickshire include Alcester Bleachfield Street 1976-7 317; 294; Coleshill GH 1979 521; 824; Tiddington M46; M690 + 692; M514; TD 81 379; 480; 801.

80 One side only of a pair of tweezers as above, encrusted but it appears to be undecorated. Length 49.6mm, width 5.8-6.8mm. (CA 429, D IV 3, unphased)

81 Tweezers, complete and undecorated, with part of an iron rod still held in the upper section, suggesting that they were part of a toilet set. Length 59mm, width 6.5mm. (CA 54, B I 3, phase II, Antonine-3rd century)

82 Tweezers, complete and undecorated, expanding in width towards the ends. Length 55mm. (CA 461, G V 1, unphased)

Compare similar examples from Skeleton Green, Herts, (Partridge 1981, 272, fig 107, no 14); and Lion Walk, Colchester (Crummy 1963, 59, no 1677, fig 63, dated roughly AD 100-350).

83 Tweezers, decorated with a single incised line as border down each side, now in three adjoining pieces but virtually complete. Length 42.8mm, width \approx 4mm. (CA 391, F I 23, phase XII, after AD 353)

Compare the identical examples from Gadebridge Park, Herts (Neal 1974, 140, fig 62, nos 181, 182); Vindolanda (Bidwell 1985, 126, fig 42, no 63); and Skeleton Green (Partridge 1981, 105, fig 54, no 11).

84 Two corroded adjoining fragments, probably one half of a pair of tweezers. Length 38.3mm. (CA 202, A XVIIIA 3, unphased)

85 Small ring with pair of tweezers and nail cleaner attached. The tweezers are decorated with an incised linear border at the edge, as 83 (CA 391) above, but with the addition of an incised saltire just

below the head. Tweezers: length 62mm in two pieces but complete. The decoration is similar to that on the tweezers from Tiddington, Works TD 81 380; M592.

Nail cleaner: length 57.4mm. Compare 95 (CA 298) listed below.

Suspension ring: diam 12.6mm x 10mm, cross-setting \leq 2mm. (CA 322, G I 89, phase IV, early to mid-4th century)

Compare the set on a ring from Suit Road, Colchester, with a late 3rd- to 4th-century date suggested (Crummy 1983, 62-3, fig 67, no 1945).

- 86 Nail cleaner, the shaft decorated with a panel of incised cross-hatching, and with a bone disc-shaped bead at the head, part of which is now missing. The points of the forked section are broken. Length 41mm, diam head 8.5mm. (CA 69, AA III 10, phase VI, late 3rd-early 4th century)

Compare the examples from Woodeaton, Oxon (Kirk 1949, 25, no 1, fig 6, no 5); Cirencester (Wacher and McWhirr 1982, 103, fig 30 no 11); and Nettleton, Wilts (Wedlake 1982, 219, fig 94, nos 8, 11; also no 7 said to have come from the 3rd to 4th century levels); and Alcester ALC 72 2 10.

- 87 As above, but complete. Length 43mm, diam head 6.8mm. (CA 214, D I 20, phase IV, late 3rd century?)

- 88 As above but rather encrusted, and bone bead terminal now lost. Length 40.4mm. (CA 315, G I 89, phase IV, early to mid-4th century)

- 89 As above, rather encrusted and no decoration visible, bone bead terminal in situ. Length 37.3mm, diam head 6.4mm. (CA 224, D I 1A, unphased)

Compare the similarly poorly preserved piece from Bleachfield Street, Alcester 1976-7 671.

- 90 Nail cleaner with bone bead terminal; rather crudely cut, the shaft is bent and encrusted. Probably related to the examples noted above. Length 46mm, diam head 6mm x 6.5mm. (CA 401, G IA 63, phase V, later 4th century)

91 Nail cleaner, complete, with domed sub-spherical head and two well-defined collars beneath. Below this is a small panel decorated with cross-hatching and beneath it a simple moulded double collar. The shaft is rectangular in cross-section, flaring gently out towards the forked end. Length 48mm. (CA 502, F U/S, unphased)

Compare the more elaborately decorated example from Nettleton, Wilts, which was with other pieces from a general context dated 3rd to 4th century (Medlake 1982, 219, fig 94, no 4).

92 Nail cleaner with crude drum-shaped knob terminal and square-cross-sectioned shaft, becoming rectangular towards the bifurcation. A little bent and with some surface damage. Length 67mm. (CA 443, J I 11, phase VIII, 3rd century?)

Probably a crude version of the nail cleaners with disc shaped bone terminals, as 86 etc above.

93 Nail cleaner, cast with loop for attachment, now broken, and below it a baluster-shaped moulding with square cross-section, framed by three fine collars on either side. A little bent. Length 61mm. (CA 107, AA II 13A)

Compare the cruder example from Balkerne Lane, Colchester, from a context dated c AD 250-300 (Crummey 1983, 58, fig 62, no 1875).

94 Nail cleaner with suspension loop cast in one piece. Below the loop are two collars decorated with light, closely incised cross-hatching; the rest of the shaft is plain. The tips of the forked end are damaged. Length 52.5mm. (CA 390, F I 21, phase XII, after AD 353)

An example from the Roman theatre at Verulamium was said to have come from 'late 4th-century brown earth' (Kenyon 1934, 259, fig 12, no 17); another from Neatham, Hampshire came from a context dated late 3rd to 4th century (Millett and Graham, 1986, 105, no 53, fig 71). Compare also the slightly smaller piece from Tiddington, Warks, TD 81 553.

95 Nail cleaner made of heavy sheet metal with no trace of decoration. Length 77mm. (CA 298, D I T/S, unphased)

Compare the damaged example from Balkerne Lane, Colchester from a context dated c AD 60/1-g 75/80 (Crummy 1983, Type 1a, 57-8, fig 62, no 1869) and an unpublished piece from Piddington Villa, Northants 1985 498.

- 96 Nail cleaner of heavy sheet metal, waisted between the suspension loop and the main body. Decorated with three dot-and-circle patterns on one side just below the loop. Complete. Length 66.5mm. (CA 109, AA III 39, unphased)

Compare the damaged example from Lion Walk, Colchester site C, from a context dated c AD 44-49/55 (Crummy 1983, Type 1B, 58, fig 62, no 1871). Dot-and-circle patterns are also found decorating an unpublished nail cleaner from Thistleton Black Wong, Rutland TH2 2951 BZ 92 400.

- 97 Upper part of an implement made of rolled sheet metal. The upper flattened section is pierced with a hole for suspension; probably from a chatelaine. Length 44.7mm. (CA 496, K I 26, unphased)

- 98 Nail cleaner, with upper section bent over to form a suspension loop. The lower section widens out slightly and is decorated with grooves, the bifurcation is virtually all lost. Length 45mm, width 3.5mm. (CA 472, E V 18, phase VI, early 3rd century?)

Compare a similar piece with linear decoration from Camerton, said to come from a 1st century AD layer (Wedlake 1958, 259, fig 59, no 3T); and a longer, more elegantly proportioned example on a chatelaine from Colchester (Crummy 1983, 62, fig 67, no 1945 from a modern context).

- 99 Nail cleaner, the upper section lost, and rather corroded. Length 37.5mm. (CA 44, B I 3, phase II, Antonine-3rd century)

Medical implements

- 100 Ligula, a little chipped but otherwise complete. Length 124.5mm. (CA 113, AA I 64, phase II, late 2nd to mid-3rd century)

Compare the examples from Baldock, Herts from contexts dating between the 2nd and 4th century AD (Stead and Rigby, 1986, 130, fig 56, nos 244, 245, 249, 256, 260, 261); and from Scole, Norfolk where

they were dated mid-Antonine to late 3rd century (Rogerson 1977, 136, fig 58, nos 34, 35).

- 101 Ligula as above, a little chipped in places, otherwise complete. Length 71mm. (CA 83, B I 27, phase I/II, 1st-3rd century)
- 102 Damaged and incomplete fragment of ligula. Length 27mm. (CA 146, C II U/S, unphased)
- 103 Ligula in three adjoining pieces, a little damaged but otherwise complete. Length \leq 135.5mm. (CA 310, E IV 23, phase III, Neronian-Trajanic)
- 104 Ligula, decorated with a closely engraved spiral line just above the spoon section for \leq 5mm; complete. Length 113mm. (CA 441, E II 32, phase IV, Hadrianic-Antonine)

A similar piece from Verulamium came from a layer dated AD 270-280 (Frere 1972, 124, fig 35, no 70); and there were other pieces from Baldock, Herts (Stead and Rigby 1986, 130, fig 56, nos 242, 243); and Puckeridge-Braughing, Herts (Potter and Trow 1988, 61, fig 24, no 15).

- 105 Medical instrument with probe at one end and spoon-shaped spatula at the other, rather encrusted. Length \leq 150mm. (CA 349, G I 89, phase IV, early to mid-4th century)

Compare the example from a 2nd-century context at Cirencester (McWhirr 1986, 230, fig 152, no 6); and a similar piece from a doctor's grave at Cologne dated to the second half of the 1st century AD (Künzl 1983, 98-9, Abb 78, the first item on the left of the plate); and another now in the Landesmuseum, Trier (Künzl 1984, 174, Taf 22, no K3).

- 106 Handle of medical instrument, with remains of an elongated spoon-shaped spatula, with a decorative S-shaped spiral twist. Length \leq 105mm. (CA 135, B IA 7, unphased)

Compare the complete example from Puckeridge-Braughing, Herts (Potter and Trow 1988, 61, fig 24, no 9); two now in the Landesmuseum, Trier from a doctor's grave (Künzl 1984, 155, Taf 5, nos A3b, A3c); and an incomplete piece from Lion Walk, Colchester, from a context dated AD 100-350 (Crummy 1983, 60, no 1917, fig 64).

- 107 Shaft of implement with S-shaped spiral twist to grip, tapering towards one end. Length 44.6mm. (CA 151, C VIA 15, unphased)
Compare the shaft of 106 (CA 135) above. Alternatively the fragment might have been part of the handle of a spoon.
- 108 Elongated spoon-shaped spatula from a toilet or medical implement. Length 45.2mm. (CA 319, E II 9, phase XIII, after AD 353)
Compare a similar fragment from Great Dunnow, Essex (Wickenden 1988, 43, fig 34, no 1).
- 109 Grip of a medical implement, possibly the needle used for cataract operations. The shaft is octagonal in cross section with one end decorated with a series of sharply defined collars and mouldings, the other has only a single incised collar. In two adjoining pieces. Length 80.7mm. (CA 95, AA III 29, phase IV, later 3rd century on)
Compare the shafts of the implements illustrated and discussed by Feugère, Künzl and Weisser (1988, esp fig 1, 13, 14, 17, 27).
- 110 Shaft of implement with traces of two lightly incised rings at the slightly thicker end. Badly corroded and worn. Length \leq 80mm. (CA 35, AA II 8, unphased)
- 111 Wire or part of implement? Slightly tapering towards one end. Length 36mm. (CA 93, B I U/S, unphased)
- 112 Wire or shaft of implement? With irregular cross-section and in two adjoining pieces, rather corroded. Length 86mm. (CA 128, B IA 9, unphased)
- 113 Wire or shaft of implement? A little corroded and encrusted. Length \leq 32mm, diam \leq 2.5mm. (CA 258, H II 36, unphased)

Spoons

- 114 Spoon with a small circular bowl and tapering handle, in two adjoining pieces, the surface a little chipped and corroded in places, otherwise complete. Length 103.5mm, diam bowl 22.1mm. (CA 367, G I 162, unphased)

Strongly dates this form of spoon to the 1st century AD (1966, 155, fig 32), which can be confirmed by finds from recent excavations, such as the damaged piece from Skeleton Green, Herts,

from a context dated mid-Augustan - early Tiberian \pm 10 BC-AD 20 (Partridge 1981, 107, fig 55, no 23); and another from Balkerne Lane, Colchester, found in a context dated \pm AD 50/55 - 75/80 (Crummy 1983, 69, no 2008, fig 73). Compare also the spoons from Tiddington, Warks, no M23; M37 and M666.

- 115 Fragment of a spoon consisting of part of a circular bowl with adjoining handle and part of the 'rat tail'; heavily encrusted but undoubtedly a 1st century piece as above. Present length 25mm. (CA 24, A X 5, unphased)
- 116 Fragment of a spoon consisting of part of the bowl and a short length of the handle, now bent out of true. Damaged but probably a 1st century AD type as above. Present length 43.5mm. (CA 116, AA IIIA 7, unphased)
- 117 Spoon. The bowl is now in fourteen fragments but was probably originally of circular form and of the same type as those above. The handle is intact. Length handle \pm 100mm. (CA 383, D I 173, phase II, late 2nd-early 3rd century?)
- 118 Spoon with crude fiddle-shaped bowl and offset handle. The bowl, which is bent out of shape, still bears traces of tinning; the handle is incomplete and is in six adjoining pieces. Length \pm 85mm, max width bowl 22.5mm. (CA 405, G III 1, unphased)

Strong noted that the spoon with offset handle and fiddle-shaped bowl came in during the 2nd and 3rd centuries AD (1966, 177-8, fig 36c). There are three comparable examples from Balkerne Lane, Colchester 1973-6 of which only one comes from a usefully dated context (Crummy 1983, 69, fig no 73, no 2016, \pm AD 250-300; no 2018 consists of only the bowl: no 2019 again consists of the bowl alone). Compare also the related examples from Alcester ALC 72 3; ALC 73 31 and the more highly decorated fragments from Tiddington M61 and M598. Three incomplete examples were also found during excavations by L P Wenham at Malton, Yorks, 1968-9.

- 119 Incomplete bowl of spoon, undecorated, perhaps Medieval. Present length 24mm, max width 28.6mm. (CA 10, A XI 2, unphased)

Vessels

120 Flat-bottomed bowl with straight sides and a slight, horizontally projecting rim. Undecorated and well used, with approximately a quarter of the side replaced with a patch, with traces of the rivets at the edge of the base and sides, and with further traces of patching under the rim. Opposite the repair and under the lip of the bowl there are two rivet holes and the probable site of a crude handle escutcheon. The matching handle would have been in the area now repaired, and may have been lost at the time the original damage was caused. Diam base \leq 181mm, height bowl \leq 33-38mm, max diam across top \leq 199mm. (CA 174, D I 6, phase VI, mid- to late 4th century)

Den Boesterd has dated these 'basins with vertical wall and horizontal rim' to the late 1st to 2nd century AD. One of the examples, no 194 with diameter 287mm, is illustrated showing the drop handles with escutcheons in situ (1956, 57, nos 194, 195, pl VIII, no 194). Note also the related example from the collection of Mrs P H Onderwater of Oosterbeek (den Boesterd 1967, 119, fig 2, no 6)

121 Fragment of rim of vessel, probably a bowl, with outwardly turned lip. Some traces of tinning or silvering can be identified. Date uncertain. Length 45.4mm, thickness of wall 1.5mm, present depth \leq 15mm, original diameter \leq 320mm. (CA 492, G V U/S)

122 Cast vessel escutcheon, leaf-shaped, but with lower end lost. The surface is poorly preserved and cracked giving the false impression of incised decoration. Date uncertain. Present height 53.5mm, max width 16mm. (CA 139, C III 3A, unphased)

123 Vessel escutcheon of roughly diamond-shaped heavy sheet metal with the edges turned slightly back. Traces of lead solder are still in situ on the reverse. A little damaged in places round the edge. Height 53.7mm, max width 30.1mm, thickness \leq 1.2mm or more. (CA 534, M IV 6, unphased)

Compare the related diamond-shaped escutcheon with suspension ring attached in the collections at Vienne, no provenance or date given (Boucher 1971, 160, no 334 with pl, height 40mm).

- 124 Fitting, probably escutcheon of heavy bronze vessel. The tip is lost as is the integral loop for the suspension ring or other fitting. Rather encrusted; no trace of solder surviving inside the concave reverse side. Present length 48mm, depth \leq 10mm, max width 28.6mm. (CA 244, D I 40, phase V, early to mid-4th century?)

Figural and miscellaneous domestic items

- 125 Foot of a small item of domestic furniture or small stand in the form of a right human foot with sandal or light boot. The upper section is socketted but now broken. Height 35.3mm, length of foot \leq 18mm. (CA 19, U/S, unphased)

Note the virtually identical foot with lower part of leg now in the Grosvenor Museum, Chester acc no 558.R.1967, height 35mm and unpublished. Also the more recent find of another identical piece from excavations at the Riding School Field site, Mill Street, Caerleon SF 79/131/1226 1157, length 33mm. A cast foot with sandal and tang just above the ankle for attachment was found at Dover and has a suggested date of \leq AD 210-270 (Philp 1981, 149, fig 31, no 70). Two stylized feet with sandals survive on the mid-1st century AD folding stool or sella from a burial at Nijmegen found in 1907 (Zadoks-Josephus Jitta et al 1973, 83-4, no 143 with pl). Two other examples of feet from furniture in the shape of besandaled human feet, with sockets for attachment at the ankle, are also in the Nijmegen collections (Zadoks-Josphus Jitta, et al 1973, 84, 85, no 144, 145 with pls).

- 126 Fitting with hemispherical upper and lower sections about a neatly modelled waist. The foot is heavily recessed; the upper section still retains the heavily corroded iron shaft or tang for attachment. Max diam 24.3mm, height 15.6mm, overall height 50.7mm. (ON 32, D I 25, phase VIII, late 4th century)

Hartley, in discussing the moulds for casting truncated cone/bell-shaped fittings from Heronbridge near Chester noted that

'a bronze from a similar mould which was found in a pit on site II had part of an iron rivet embedded in the narrow end. The other bronzes in this pit were all fittings for a chest or box and it may plausibly be suggested that the castings from this class of mould were intended for similar use. They would serve admirably as knobs for attachment to lids or as feet' (Hartley 1954, 5, 7, fig 3, no 1, 2, summary 10). The close resemblance of the Alcester find to the Heronbridge moulds and the examples from many sites in Roman Britain suggests that although the detail and proportions of the pieces may vary the function remained the same. They were more probably used as feet for chests or other small items of furniture rather than as knobs for lids. Some further examples from Coventina's well are discussed by Allason-Jones and McKay (1985, 30 under the entry for no 79, p 32, no 80, 82, 84 figs on p 31, 32). One example was found at Verulamium in a context dated AD 250-280, with a 2nd item dated AD 430-440 (Frere 1984, 51, fig 20, no 177 and 178 respectively). A further piece comes from a 4th-century context in the Legionary Baths at Caerleon (Zienkiewicz 1986, 188, no 172, fig 62).

- 127 Lump, possibly a lock bolt. Measuring 65mm x 24.5mm x 19mm. (CA 170, A XVIIIA 4, unphased)

Literacy/communication

- 128 Drop-shaped seal box lid with inlaid enamel decoration which now appears as dark red, yellow, and a transparent white to pale green colour. The enamel in the outer cell, echoing the drop shape of the lid has alternating panels of the yellow and white enamel. The innermost ring-shaped cell contains yellow enamel and is partially surrounded by an inverted A shaped cell containing dark red enamel. The hinge section has been lost, otherwise complete. Length 43mm, depth of lid c 4mm, max width 21.8mm. (CA 158, A XVI 17, unphased)

Compare the complete example from Segontium found under the cellar floor in the praetorium and dated by Wheeler to 'not later than c AD 230 (1930, 141, fig 61, no 18); another from Lion Walk, Colchester came from a context dated late Roman or later (Crummey 1983, 104, no 2523, fig 106). A further example comes from

Brancaster, Norfolk (Hinchcliffe & Sparey Green 1985, 213, fig 90, no 60), with a near-identical unpublished piece coming from Bleachfield Street, Alcester 1976-7, 217.

- 129 Base of a drop-shaped seal box, pierced by three holes; the tip is lost. Length 40.5mm, depth 4.6mm, max width 22.7mm. (CA 380, G IV 1A, unphased)

Military

- 130 Shield-shaped scale from lorica squamata pierced with three sets of two holes on the upper edge and both sides. A little broken and damaged. Length 23.7mm, width 15.5mm. (CA 106, A XIV 27, unphased)

For an example of scale armour completely riveted together with wire loops cf Russell Robinson (1975, 153-161, esp 154, fig 159). A piece from the fortress at Longthorpe occupied between c AD 44/8-c AD 62 was noted by Frere and St Joseph (1974, 50, no 35, fig 27, dating discussed on p 36-8). Other examples have been noted from Malton, Yorks (Mitchelson 1964, cf 253, fig 19, no 24), with three unpublished items from Blake Street, York 1975-6.

- 131 ?Unfinished loop of a cuirass hook from a lorica segmentata? With remains of a nail hole in the expanded flattened section. Length c 81mm, cross-section c 2 x 2.8mm. (CA 311, E IV 23, phase III, Neronian-Trajanic)

Compare the more complete example from Longthorpe (Frere & St Joseph 1974, 50, fig 26, no 31), and from Ffrith, Clwyd (Blockley 1989, 149, fig 5, no 8).

- 132 Lower section of legionary apron mount, consisting of a hemispherical terminal knob with a curved section rising above the intermediate moulded section. A V-shaped tongue behind is bent into the hollow channel and would have firmly gripped the lower part of the leather strap. Present length 22.5mm, depth 7.6mm, width 11.8mm. (CA 192, C VIA 89, phase II, late 2nd century)

Compare the complete examples from Longthorpe (Frere and St Joseph 1974, 54, no 47, 49, fig 28).

- 133 ?Military plaque or fitting with remains of a rivet in situ behind the stylized palmette terminal. The piece is incomplete, being

- broken across a nail hole. Length 29.8mm, thickness \leq 2mm, max width 11.4mm. (CA 333, J I 1, unphased)
- 134 Drop-shaped pendant or military fitting, the upper ?looped section is lost. Decorated on one side with an engraved medial line, corroded on back. Present length 28mm, thickness \leq 1.1mm, max width 8.6mm. (CA 395, D I T/S, unphased)
- 135 Half of a crudely made buckle plate with remains of a rivet made of rolled sheet metal still in situ in one of the two rivet holes. The buckle, loop, pin, and swivel are lost. Possibly from a lorica segmentata. Length 29.8mm, max width 14.2mm. (CA 23, AA I' 1, unphased)
- 136 Half of a buckle plate, which appears to belong with the previous item. Length 31.5mm, max width 14.4mm. (CA 33, A XI 19, unphased)
- 137 Tube, tapering towards each end, heavily corroded. Length 48.2mm. (CA 300, G IA 13, phase VII+, late 4th century on)
- Probably a military tube or bead. Compare the examples from the fortress at Birrens, four of which were dated Antonine I (\leq AD 142-155), the other two being unstratified (Robertson 1975, 110, no 18, fig 30, no 5; 110, nos 20-22, fig 30, no 7; 116, no 87, fig 37, no 10, 11); with others from Chester (Newstead 1924, 81, pl VII, no 10); and Wooddeaton (Kirk 1949, 28, no 14, fig 7, no 5).
- 138 Cylindrical lump with traces of iron corrosion products. Possibly military. Present size 42.6mm x 17.5mm x 17.5mm. (CA 384, G IV 6, phase X, late 4th century)

Horse furniture

- 139 Strap junction or fitting consisting of an openwork plaque with symmetrical scroll decoration, with traces of 'tinning' still in situ on the central portion. Attached to an undecorated rectangular back plate by two hollow dome-headed rivets passing through the centre of the solid circular terminals, and by a slightly larger rivet passing through the central disc-shaped section. Max dimensions upper plaque 88.1mm x 16.3mm, max dimensions lower plaque 87mm x 10mm, diam head of largest rivet 12.7mm, diam head of smaller rivets 9.00mm, 9.8mm, max overall height of fitting 12mm. (CA 442, D I 214, phase VIII, late 4th century)

This may be related to strap junctions such as the piece from Middlebie, Dumfriesshire, where a repeated openwork design conceals two strap bars, one at either end (MacGregor 1976, vol 2, no 33). The presence of the three rivets on the Alcester piece suggests that the fitting may have been used to strengthen a narrow strap at a vulnerable point or, more likely, to decorate the harness in a prominent place such as the cheek strap. A fitting which may be related is the damaged flat rectangular loop with an elaborately enamelled panel on the outer face, found recently at Hanbury Street, Droitwich, Worcs. A military association seems perhaps more likely than a native, civilian origin.

- 140 Strap fitting, less well-preserved than the previous item, but otherwise virtually identical. Max dimensions upper plaque 86.1mm x 16.9mm, max dimensions lower plaque \leq 83 x 10mm, diam head of largest rivet 12.6mm, diam head of smaller rivets 8.9mm, 9.4mm, max overall height of fitting 9.3mm. (CA 358, G I 115A, phase V, later 4th century)
- 141 Fragment of a 'platform' terret with circular cross-section loop (141a). The oval platform is decorated with hollow cells in the form of bud-shaped motifs on either side of a solid disc. On either side of the platform, on the ring, are further lentoid cells. No traces of enamelling have survived. Length 42.3mm, cross-section loop \leq 6.3mm x 7.4mm. (CA 275, D I 48, phase VI, mid- to late 4th century)

For decorated platform terrets of MacGregor, all with panels of enamelled decoration (1976, vol 1, fig 1, no 3, 4, 6 from Saham Toney, Norfolk with enamelling on the ring adjacent to the platform; also 45-6 for discussion with map 9 and listings on p 67-9; vol 2, compare the following examples, no 2 Balmuidy, Lanarkshire; no 65 Birrens, Dumfriesshire; no 66 Birrens; no 68, 69 Fremington Hagg, Yorks; no 70 Great Chesters, or Benwell, Northumberland; no 71 High Rochester, Northumberland; no 72 Middlebie, Dumfriesshire; no 74 Traprain Law, East Lothian).

A further corroded fragment (141b) may or may not belong with the above, and consists of part of a ring, roughly circular in cross-section, with iron and copper alloy corrosion products covering a larger area inside the curve of the ring.

- 142 'Dropper bar' terret ring, consisting of a circular ring with a roughly oval cross-section now a little bent out of shape, with a smaller rectangular loop with subrectangular cross-section attached below. Complete, undecorated and rather corroded. External diameter of ring 28.2mm x 33mm, cross-section of ring \approx 7.3mm x 3.5mm, present height 37mm. (CA 432, G IA 90, phase IV, early to mid-4th century)

Compare the examples of this type discussed and listed by MacGregor (1976, vol 1, 41-2 with check list and distribution map no 5, 60-62; vol 2, no 59 from Muircleugh, Berwickshire and the related no 100 from Templeborough, Yorkshire). Another example was found in a robber trench during excavations at Verulamium (Frere 1972, 130, fig 40, no 126).

- 143 Central link of a straight bar snaffle, or from a three-link bridle bit. The ring terminals are broken through extreme wear. Length 100.3mm, depth \approx 19mm, max thickness 10.8mm. (CA 225, G II 2, unphased)

Compare the related copper alloy examples from Place Fell, Westmorland (MacGregor 1976, vol 2, no 8; Palk 1984, no SB 10, fig C 45, who suggests a mid- to late 1st-century date on p 82); Rise, Holderness, Yorks (MacGregor 1976, vol 2, no 10; Palk 1984, 52-3, no

SB 11, fig C 46) and an unprovenanced piece now in the Fitzwilliam Museum, Cambridge (Palk 1984, 56, no SB 21, fig C 50).

144 Hollow ring, with roughly circular cross-section, incomplete, no decoration visible. External diameter \leq 42.5mm, cross-section \leq 12mm x 16mm. (CA 143, A XVI 10, unphased)

145 As above, but with the hollow interior filled with lead/lead solder; rather encrusted. External diam \leq 43.3mm, max cross-section 15mm x 17mm. (CA 280, D I 1A, unphased)

Although these rings are probably not damaged terret rings (compare Livens 1976 on the often hollow cast 'Don' terrets), their weight and solidity suggests a crude robustness needed for heavy duty work, if not on the harness then elsewhere within an outdoor work context.

146 Lunular shaped pin or fitting with the points of the crescent up. The shaft is rectangular in cross-section. Max width crescent 68.6mm, max height crescent 64.7mm, total height 130.7mm, max cross-section shaft 6.5mm x 2.9mm. (CA 490, L XII 10, unphased)

Compare the smaller examples of lunulate pins from the Netherlands (Zadoks-Josephus Jitta and Witteveen 1977, 188, pl 35, no 51 from the Hunerberg, Nijmegen 1884; no 54 from Nijmegen pre 1921). The shaft is too large for it to have been used as a personal ornament, though it may have been slotted into a larger item, perhaps the apex of a domestic shrine, or attached to a cart or carriage as an ornament and an apotropaic amulet.

Studs and nails

147 Stud with flat circular head and notched edge, and a square cross-sectioned shaft. The head is divided with three concentric rings, giving a central circular field which would have been inlaid with enamel, and three surrounding ring-shaped fields, the outer two of which still retain traces of millefiore enamel. Diam 35.2mm, height 19.5mm. (CA 491, L XII 10, unphased)

A near-identical piece from an Antonine I context (\leq AD 142-155) was found during excavations at the fort of Birrens (Robertson 1975, 110, no 37; fig 31, no 3). Related pieces are reported from South Shields (Allason-Jones and Miket 1984, 92, no

- 3.4 - damaged; and the near identical no 3.5, p 94 with figs). A similar piece from Gestingthorpe with only two concentric rings of millefiore around the central field was dated later 2nd to early 3rd century AD and it was suggested that studs of this type were used to decorate horse trappings, perhaps as bridle decoration (Draper *et al* 1985, 27, 29, fig 9, no 14).
- 148 Domed, lentoid-shaped stud, with slightly damaged square-cross-sectioned pin. Probably military in origin and use. Head 25.8mm x 12.2mm, height \leq 12mm. (CA 253, D I T/S, unphased)
Compare the example from Brancaster (Hinchcliffe and Sparey-Green 1985, 211, no 46, fig 89).
- 149 Hollow-headed stud filled with lead solder and iron pin. The stud is of sheet metal in the form of a stylized lion mask, of which about two-thirds survive. Diam \leq 26.5mm, height \leq 11mm. (CA 168, A XVIIB 1, unphased)
Compare the light weight copper alloy studs from Burial 3 of cemetery A at Skeleton Green, Herts, dated to the Antonine period. These were used at this site and elsewhere, to attach and decorate the lock plate for the modest-sized casket which had been reused to hold the ashes from the cremation (Partridge 1981, 312-3, fig 117. also 315-6 and table XLVI, 320-321 with discussion). A similar unpublished example was found at the excavation of the Roman villa at Piddington, Northants 1981 149; and a closer parallel comes from Doncaster DQ 5 171. The type is not restricted to Britain as witnessed by the range of lion head plaques and fittings in the Landesmuseum, Trier, which includes five small lion head studs related to this one (Menzel 1966, 63-7, especially no 154-8; 66-7. Abb no 19-23 respectively).
- 150 Stud with plain subspherical head, undecorated. Diam \leq 20mm, height 16.5mm. (Also CA 168, AXVIIB 1, unphased).
- 151 Stud with conical head and slight flange to edge, with lead filler inside and traces of original iron pin in situ. Diam head 22.2mm, height \leq 7mm. (CA 454, G IV 61, phase IV, early to mid-4th century)

- 152 Hollow dome-headed stud, filled with lead solder, now decayed and cracked, with possible trace of iron pin at centre. Diam head \approx 36mm, height 13.7mm. (CA 127, AA I 74, unphased)
- 153 Hollow dome-headed stud, pin and much of the sides lost. Diam \approx 9mm, height 3mm. (CA 136, B IA 7, unphased)
- 154 Stud with low conical head; hollow and containing lead solder to attach the iron pin, now lost. Diam 20.1mm, height 4.7mm. (CA 193, E III 1, unphased)
- 155 Hollow dome headed stud, pin lost, rather encrusted with earth. Diam 26.0mm, height \approx 9mm. (CA 199, D I T/S, unphased)
- 156 Hollow dome headed stud with slight flange at edge, damaged, pin lost. Diam head \approx 13.5mm or slightly larger, height \approx 7.3mm. (CA 444, E II 27, phase V, late 2nd century?)
- 157 Hollow dome-headed stud, part of edge lost, the pin has a square cross-section. Diam head 12mm, height \approx 11mm. (CA 462, E II 34, phase V, late 2nd century?)
- 158 Four fragments, possibly from a hollow dome-headed stud, incomplete but with traces of decayed solder inside. (CA 42, AA I 16, phase VII, late 3rd-early 4th century)
- 159 Damaged hemispherical head of stud or fitting made of thin sheet metal. Present size 30mm x 14mm, thickness metal 0.4mm. (CA 50, AA II 2, unphased)
- 160 Curved fragment, probably the remains of a hollow dome-headed stud. (CA 79, AA III 21, phase IV, later 3rd century on)
- 161 Knob or fitting with lead core, corroded, damaged and earth encrusted. Stud. Max diam \approx 20mm, height \approx 30mm (CA 480, D II 74, unphased)
- 162 Fragment of flattened sheet metal, probably part of covering for a stud head or fitting. Present size \approx 2.4mm x 10mm. (CA 105, AA II 37, unphased)
- 163 Nail with solid sub-spherical head, tip of shaft bent. Diam head 20.4mm, height \approx 12.4mm. (CA 177, D I 59, phase 2, 1st century-early 3rd century)
- 164 As above, with equiaxial sub-spherical shaft. Diam head \approx 6mm, height \approx 2mm (CA 77, D I IA, phase VIII, late 4th century)

- 165 As above, but in two adjoining pieces. Diam head 5.5-6.5mm, height \leq 18mm. (CA 365, F IV 13, phase XIII, after AD 353)
- 166 As above. Diam head 5.1mm, height 21.4mm. (CA 486, L VIII, U/S unphased)
- 167 As above. Diam head \leq 8.3mm, height \leq 30.5mm. (CA 535, N III 3, phase IV, Roman/post-Roman)
- 168 As above but rather crude with irregular head, tip of shaft damaged. Diam head 5.7mm-6.1mm, height 18mm. (CA 81, AA III 10, phase VI, late 3rd-early 4th century)
- 169 Flat-headed stud with square-cross-sectioned pin, a little damaged. Diam head 20mm, height 8.7mm. (CA 121, AA II 91, phase II, late 2nd-early 3rd century)
- 170 As above. Diam head 16.3mm, height 6.2mm. (CA 156, C VIA 21, unphased)
- 171 As above but rather heavier, rectangular-cross-sectioned pin, rather damaged; ?military. Diam head was \leq 30mm, height \leq 17.6mm. (CA 171, A XVII B 3, unphased)
- 172 Corroded object, possibly a flat-headed stud as above? Diam \leq 17mm. (CA 323, H II 5, phase III, Antonine-3rd century on)
- 173 Flat head of stud or rivet, damaged. Diam head \leq 10-11.2mm, height 4.6mm. (CA 114, AA II 70, unphased)
- 174 Rivet head, damaged. Diam head 19.5-20.3mm, height 3.9mm. (CA 126, A IV 1, unphased)
- 175 Stud or button? too corroded for identification. Diam \leq 12.2mm. (CA 236, H II 1, unphased)
- 176 Tack made of rolled sheet metal, damaged. Height 18.3mm. (CA 183, E I 1, unphased)
- 177 Tack, made of sheet metal? Height \leq 17.5mm. (CA 204, H II 2, unphased)
- 178 Tack made of rolled and folded sheet metal. Length \leq 18mm. (CA 229, G I 24, phase IX+, late 4th century)
- 179 Three small fragments, two of which may be part of a tack made of rolled and folded sheet metal, rather corroded. (CA 439, G II 2, unphased)

- 180 Nail or tack made of rolled and folded sheet metal. Height 12.3mm.
(CA 463, E VII 1, unphased)
- 181 As above. Height 13.1mm. (CA 469, G I 1A, unphased)
- 182 Head of a small pin or droplet. Diam \leq 4-4.8mm. (CA 256, G III 2,
phase X, late 4th century)
- 183 Crudely shaped tack or nail head? Square with rectangular
cross-section. Cross-section head 3.3mm x 6.5mm, height 17.7mm.
(CA 12, A IX 5, unphased)
- 184 ?Stud with flat head? Corroded and encrusted. Diam \leq 12-13mm. (CA
468, L IV 7, unphased)
- 185 Disc: slightly concave, damaged with remains of a heavy concretion
on the back. Head of a nail? Diam \leq 30mm. (CA 325, H II 46,
unphased)
- 186 Fragment of ?stud of which only the moulded edge survives,
encrusted. Diam \leq 17.0mm, depth \leq 1.3mm. (CA 58, AA III 1,
unphased)
- 187 Stud with irregularly shaped head slightly raised in centre, pin
damaged. Diam head \leq 10.2 x 10.6mm, height 4.1mm. (CA 265, H II
39, unphased)
- 188 Square-cross-sectioned pin of stud. Length 24mm. (CA 430, J II 13,
unphased)
- 189 Corroded pin of stud. Length 8.8mm. (CA 299, D I 98, phase V,
early to mid-4th century?)
- 190 Stud? Heavily encrusted. Present dimensions: 25mm x 20mm x 11.5mm.
(CA 499, K I 3, unphased)

Plaques and bindings

- 191 Decorative strip or appliqué with an irregular line of repoussé dots
as a border to the longer sides, and remains of a nail hole for
attachment at either end. A little bent out of shape. \leq 38.6mm x
13.5mm, thickness 0.6mm. (CA 286, E II 9, phase XI, after AD 353)

Compare the similar pieces from Wood Eaton, Oxon (Rirk 1949,
43, pl VIA, no 4), and Nor'ncour (Dudley 1967, 22, fig 9, no 29), and
from Colehill, Warks GH 1979 215 fragments (b) and (c).

192 Strip with linear repoussé decoration including two lines of heavy repoussé beading on raised panels as borders, with a narrow outer raised line at the edge. A little damaged and with traces of solder at the back. Length 36.4mm, width 25.1mm. (CA 60, AA III 11, phase VIII, early to mid-4th century)

The presence of the solder suggests that the strip was attached to some larger metal object, possibly the rim of a bronze vessel, or some item of military use. The most obvious candidate in this latter instance would be a helmet, with the strip used as edging round the skull section, perhaps as a brow band.

193 Plaque or binding slightly narrowing towards one end, and with two incised parallel lines acting as border decoration to the longer sides. Possibly some trace of solder at the wider end. Length 48.5mm, thickness \leq 0.7mm, max width 33mm. (CA 102, AA II 12, unphased)

194 Strip with longitudinal repoussé decoration. Length \leq 31.5mm, present width 7.9mm. (CA 337, F III +, unphased)

195 Subrectangular plaque or fitting of sheet metal with angular cross-section and concave sides. One end lost, slightly earth-encrusted. Length 31.2mm, depth 2.6mm, max width 15.5mm. Probably the handle-plate of a knife. (CA 456, D II 29, unphased)

196 Approximately ten fragments of sheet metal. The largest piece shows some surface irregularities, perhaps the remains of repoussé decoration, but the piece is encrusted. Largest piece 18mm x 23mm; others 9.1mm x 12.7mm; 7.2mm x 9.1mm; 7.2mm x 10.6mm. (CA 150, B IA 25, phase III, Antonine-3rd century on)

197 Two fragments of strip, with plano-convex cross-section, which may have been used as a decorative appliqué. (i) 18.5mm x 2.5mm, thickness 1.2mm. (ii) 22mm x 24mm, thickness 1.0mm. (CA 41, AA I 17, phase VI, late 3rd-early 4th century)

198 Fragment of plaque or edging with a nail hole in one corner and a raised linear border to edge. The outer face is heavily encrusted. Measuring 32.8mm x 14.5mm, thickness \leq 0.5mm. (CA 239, G I 24, phase IX+, late 4th century)

- 199 Sheet with remains of crude metal stud or rivet in situ. Measuring 12m x 11.1mm. (CA 285, G IA 26, phase V, later 4th century)
- 200 Sheet or binding with remains of a corroded copper alloy and iron stud in situ at one end. Measuring 25.5mm x 32mm, thickness 0.3mm. (CA 420, D I 71, phase V, early to mid-4th century?)
- 201 Undecorated binding strip bent through 90° as an angle piece. The outer face is encrusted with solder or lead corrosion products. Measuring \leq 29 x 28mm, thickness 0.7mm. (CA 27, A X 11, unphased)
- 202 Three fragments of sheet metal or binding, rather encrusted. (i) 19.5mm x 21mm, (ii) 9.1mm x 6.1mm, (iii) 14.4mm x 7mm. (CA 49, AA I 18, phase VII, late 3rd-early 4th century)
- 203 Fragment of sheet or binding. Measuring 12.3mm x 20.3mm, thickness \leq 1mm. (CA 73A, B I U/S, unphased)
- 204 Fragment of sheet, corroded and encrusted. Measuring 6.8mm x 9.4mm. (CA 73B, B I U/S, unphased)
- 205 Plaque or binding strip with nail holes in two corners, badly bent and encrusted. 41.2mm x 29mm, thickness \leq 0.8mm or less. (CA 110, C I 24, unphased)
- 206 Sheet metal fragment with two edges folded over, perhaps for use as binding. 24mm x 15.9mm, thickness 0.6mm. (CA 117, AA IIIA 7, unphased)
- 207 Sheet metal binding in two adjoining pieces, slightly bent. 39.5mm x 10.3mm, thickness 0.4mm. (CA 125, C IIIA 4A, unphased)
- 208 Sheet metal binding folded over the remains of a wooden object, with six nails still in situ, four on one side and two on the other, now all rather distorted. Width of binding \leq 45mm, length \leq 88mm, wood \leq 8.5mm thick. (CA 131, C VI 1, unphased)
- Compare a fragment of an unstratified wooden object cased in copper alloy sheeting, found during excavations at Tiddington, Warks, TD 1980 70.
- 209 Curved binding strip with U-shaped cross-section, with remains of two small nail holes. Length 98mm, width 3.6-5mm, height 5.9mm. (CA 134, AA II 1, unphased)

- 210 Crude binding strip in two adjoining pieces with remains of three nail holes. Length 46.4mm, thickness 0.5mm, width \approx 12mm. (CA 211, E U/S, unphased)
- 211 Sheetting probably used as binding, consisting of one piece of folded sheet, now broken across the fold, with a further fragment corroded on to it. 31mm x 22.8mm, thickness 0.4mm. (CA 240, G U/S, unphased)
- 212 Heavy, folded and bent metal strip or binding with nail hole of roughly rectangular cross-section, and remains of solder within the folds of metal. \approx 60 x 50mm, thickness 0.6mm. (CA 270, D II 3, unphased)
- 213 Two adjoining fragments of heavily decayed folded sheet or binding. Length 41mm, max depth \approx 14.5mm. (CA 278, D I 36, phase VI, mid- to late 4th century)
- 214 Approximately seventeen fragments of sheet metal, some originally folded, probably part of a larger piece of binding. Two fragments have nail holes, but all the fragments are corroded. Largest items measure: (i) 17mm x 16.7mm (with nail hole). (ii) 16mm x 12.6mm (with remains of nail hole). (iii) 19mm x 14mm. (iv) 13mm x 13mm, thickness \approx 0.5mm. (CA 279, D I 47, phase VI, mid- to late 4th century?)
- 215 Strip or binding of double thickness, in three adjoining pieces. Heavily encrusted and the cross-section uncertain. Length \approx 43mm, max width \approx 9.5mm. (CA 361, D I T/S, unphased)
- 216 Strip or binding, undecorated, folded over and back on itself three times. One end tapers to a crude hook, the other tapers and is pierced with a nail hole. Length \approx 220mm, thickness of sheet \approx 0.8mm, width \approx 13.9mm. (CA 409, G IV 20, phase VI, late 4th century)
- 217 Two pieces of narrow binding, heavily encrusted and distorted. (i) length 28.5mm, depth \approx 8mm. (ii) length 27mm, depth \approx 8mm. (CA 533, N III 14, phase II, late 2nd-early 3rd century on)

Miscellaneous fittings

- 218 Collar with moulded decoration, made from rolled strip. Length of strip \leq 20mm, max thickness \leq 1.5mm, height \leq 17mm. (CA 531, M III 17, phase I, late 2nd-early 3rd century on)
Compare the closely related example from Coleshill GM 1979 113.
- 219 Collar similar to the above, with lightly moulded borders. Length of strip \leq 18.5mm, max thickness 1-1.5mm, height \leq 14mm. (CA 493, F I T/S, unphased)
- 220 Fragment or fitting with moulded decoration of variable thickness. 32.3mm x 15.2mm, max thickness 3.2mm. (CA 203, H I 1, unphased)
- 221 Fragment of curved fitting with tinned outer face, tapering towards the upper curved end, with slight moulding to edge and traces of medial raised line. Incomplete; original use uncertain. 12mm x 14mm. (CA 273, G I 6, unphased)
- 222 Part of handle or fitting, slightly waisted with concave sides, and roughly rectangular cross-section, corroded and encrusted. Length \leq 42mm, max width 14mm, thickness 3.5mm x 4.5mm. (CA 16, A IX 24, unphased)
- 223 Lump. Possibly fragment of head of fibula, or fitting. 21.5mm x 15mm x 13mm. (CA 374, J II 1, unphased)
- 224 Roughly trapezoidal fitting with nail hole towards one end. Original date and function uncertain. Length 27.6mm, max width 19.5mm. (CA 306, E I 40, phase XIII, after AD 353)
- 225 Hook-shaped fitting, the flat head originally pierced with a hole for suspension or attachment. The lower 'hook' section with triangular outline is unfinished in appearance. Overall length \leq 49mm. (CA 421, D I 206, phase VI, mid- to late 4th century?)
- 226 Washer, or disc-shaped head of a crude nail? Diam 14.9mm, thickness 0.7mm. (CA 101, AA II 1, unphased)
- 227 Slightly dished disc, rather encrusted and broken. Date and function uncertain. Diam \leq 17mm. (CA 119, AA III 7, phase IX, mid-4th century)

- 228 Fragment of disc with central hole used as ?washer or ?keyhole plate. Diam \leq 50mm, thickness 0.9mm, present size 36 x 18.5mm. (CA 182, E U/S)
- Compare the lockplate dated mid-2nd century from South Shields in Miket (1983, 111, fig 70, no 42).
- 229 Disc-shaped fragment, incomplete and in two adjoining pieces, possibly made in two layers of sheet metal. 25mm x 16.5mm. (CA 341, F I 2, unphased)
- 230 Disc-shaped fragment, rather encrusted. 9.6mm x 10.4mm, thickness \leq 2.3mm. (CA 381, G IV 1A, unphased)
- 231 Disc pierced in centre, worn at one side. Diam 17.6mm, thickness 1.7mm. (CA 385, D I T/S, unphased)
- 232 Crudely cut out disc of sheet metal with remains of nail hole in centre, and folded in half, used as a ?washer. Diam \leq 16mm. (CA 397, G III 1, unphased)
- 233 Two large lumps of heavily encrusted object, needs cleaning. (i) 29mm x 32.1mm x 14.2mm. (ii) 23mm x 19mm x 9mm. (CA 498, K I 3, unphased)
- 234 Corroded and bent fragment of irregular shape, rather earth encrusted. 16.8mm x 4.6mm x 8.6mm. (CA 293, F II 10, phase VI, early 3rd century?)
- 235 Fitting in two pieces of heavily encrusted sheet metal. 35mm x 29.5mm. (CA 376, D I 154, phase I, 1st century-early Antonine)

Fragments, wire, and miscellaneous

- 236 Fragment of sheet metal clipped into a rough octagon. 21mm x 22.7mm, thickness 0.6mm. (CA 6, A IX 1, unphased)
- 237 Fragment of sheet metal with remains of ?nail hole. 11mm x 13mm, thickness \leq 0.5mm. (CA 17, A IX 5, unphased)
- 238 Bent fragment of sheet metal. 16.8mm x 13mm, thickness \leq 0.5mm. (CA 20, AA II 1, unphased)
- 239 Fragment of sheet metal, encrusted. 9mm x 11.2mm. (CA 37, B III 4, unphased)
- 240 Fragment of sheet metal. 12.5mm x 7mm, thickness 0.6mm. (CA 39, B III 3, unphased)

- 241 Fragment of sheet metal, a little encrusted. 5.5mm x 21.5mm. (CA 40, B III U/S, unphased)
- 242 Fragment of sheet metal, torn and bent. 13mm x 12mm. (CA 47, AA I 12, unphased)
- 243 Rectangular fragment of sheet metal, one corner folded over, a little earth encrusted. 24.5mm x 11.9mm, thickness \leq 0.5mm. (CA 63, AA III 1, unphased)
- 244 Roughly rectangular-shaped fragment, with irregular edges, damaged. 36.3mm x 21mm, thickness 0.4mm. (CA 74, A XIV 3, unphased)
- 245 Fragment of sheet metal, poorly preserved. 13.7mm x 10.5mm, thickness \leq 0.4mm. (CA 108, AA III 10, phase VI, late 3rd-early 4th century)
- 246 Strip bent in two with nail hole at one end. \leq 10.2mm x 55mm, thickness 0.4mm. (CA 116, AA IIIA 6, phase VI, late 3rd-early 4th century)
- 247 Irregular fragment of sheet, possibly trimmed off some larger casting. 37.5mm x 30.7mm, max thickness 3.8mm. (CA 140, C VI 1, unphased)
- 248 Fragments of slightly curved sheet, heavily earth encrusted and with traces of ?corroded iron. Loose fragments 10.3mm x 10.7mm; thickness \leq 1.2mm; 19mm x 15mm. (CA 157, C VIA 21, unphased)
- 249 Approximately eight fragments of sheeting, corroded and encrusted. Largest examples 12.2mm x 12.8mm; 8.4mm x 9mm; 9.3mm x 9.5mm. (CA 172, A XVIIIB 4, unphased)
- 250 Two corroded fragments of sheet. 12.2mm x 14.6mm; 8.5mm x 7mm. (CA 178, H I 21, unphased)
- 251 Heavily corroded sheet metal. 18.1mm x 34.1mm. (CA 186, A XVIIIB, unphased)
- 252 Fragment of sheet or strip, corroded and encrusted. 24mm x 27mm. (CA 188, H I 5, phase II, Antonine-3rd century)
- 253 Three fragments of corroded sheet metal. 13mm x 9mm; 8.5mm x 9mm; 6mm x 8.5mm. (CA 195B, D I 2, phase VIII, late 4th century)
- 254 Sheet metal offcut with part of one edge folded over. 17.4mm x 32mm, thickness 1.2mm. (CA 196, E III 2, unphased)

- 255 About thirteen fragments of corroded sheet metal, largest examples measure: 22mm x 36mm; 13mm x 21mm; 10mm x 20.6mm; 13.7mm x 17mm; 9.7mm x 18.2mm; 8mm x 12.5mm. (CA 201, D I 6, phase VI, mid- to late 4th century?)
- 256 Irregular trapezoidal offcut of sheet metal with remains of nail made of rolled and folded sheet metal in situ. 40.8mm x 57.4mm, thickness \leq 8mm. (CA 208, D II 1, unphased)
- 257 (i) Fragment of curved sheet, heavily encrusted. 23.2mm x 26mm.
(ii) Three encrusted lumps which appear to have fragments of strip metal inside.
(iii) Two encrusted and corroded lumps.
These items may not all belong together. (CA 210, D I 25, phase VIII, late 4th century)
- 258 Irregular fragment of sheet metal, corroded and encrusted. 19.8mm x 22mm. (CA 219, G I 9, unphased)
- 259 Fragment of heavy metal sheet. 14mm x 25.7mm. (CA 229, D I 1A, unphased)
- 260 Corner fragment of sheet, or offcut. 16.3mm x 11.3mm, thickness \leq 9mm. (CA 232, H II 1, unphased)
- 261 Fragment of sheeting, frail. 13.3mm x 11mm, thickness 0.2mm. (CA 235, H II 1, unphased)
- 262 Damaged fragment of sheet with remains of a rectangular ?nail hole in centre. 21.4mm x 11.4mm, thickness 0.6mm. (CA 287, D I T/S, unphased)
- 263 Scrap, consisting of two sheets of metal corroded together. 12.8mm x 13.5mm x 2.4mm. (CA 304, D I 102, phase VI, mid- to late 4th century?)
- 264 Sheet, a little torn and damaged, ?offcut or part of fitting. 12.6mm x 23mm, thickness \leq 0.7mm. (CA 339, F I 3, unphased)
- 265 Sheet metal fragment or offcut, a little encrusted and corroded. 8.6mm x 28.6mm, thickness \leq 1mm. (CA 359, F I 2, unphased)
- 266 Sheet fragment, very corroded. 10.3mm x 10.2mm; also three tiny fragments. (CA 379, D I 7, phase VI, mid- to late 4th century?)

- 267 Four tiny fragments of corroded sheet. 15mm x 14.7mm; 12.4mm x 20.1mm; 9.2mm x 7.6mm; 4mm x 6mm. (CA 399, D I 71, phase V, early to mid-4th century?)
- 268 Two pieces, probably adjoining, of bent and twisted sheet metal, the largest one has a nail hole in it. (i) 30.3mm x 12mm x 8.3mm. (ii) 7mm x 3.3mm x 6mm. (CA 402, D I 176, unphased)
- 269 Sheet metal in three adjoining pieces, corroded and encrusted. 49.5mm x 17.4mm. (CA 407, G IV 18, phase VI, late 4th century)
- 270 Small corroded and encrusted strip in three adjoining strips. \leq 43mm x 3mm. (CA 386, D I 25, phase VIII, late 4th century)
- 271 \leq 30 fragments of broken and corroded sheet metal of which the largest measure: 26mm x 23mm; 17mm x 19mm; 27.3mm x 17mm; 13mm x 15.5mm; 24.6mm x 24mm; 17mm x 19mm; 12mm x 13mm; 8mm x 17mm. (CA 413, G IA 68, phase IV, early to mid-4th century)
- 272 Sheet fragment, encrusted. 8.6mm x 9.3mm. (CA 416, D I 207, phase VIII, late 4th century)
- 273 Sheet fragment, corroded. 20mm x 15.9mm. (CA 418, D I 173, phase II, later 2nd-early 3rd century?)
- 274 Four small curved and folded fragments of sheet metal. (CA 435, G IV 32, phase VI, late 4th century)
- 275 Sheet fragment, rather worn and corroded. 10.2mm x 5.5mm. (CA 448, G IV 41, phase I?, late 2nd/early 3rd century?)
- 276 Fragment of sheeting, part of one edge folded over, heavily earth encrusted. 26mm x 21mm. (CA 452, D II 14, unphased)
- 277 Ten pieces of sheet metal or ?binding, bent, corroded and encrusted. Largest pieces measure: 36mm x 49mm; 15mm x 39mm; 7.6mm x 8.8mm; 11.7mm x 18.3mm; 13.3mm x 15mm. (CA 470, G I 1A, baulk, unphased)
- 278 Sheet fragment. 8.4mm x 11.7mm, thickness 0.7mm. (CA 471, G IA 110A, phase IV)
- 279 Three tiny pieces of sheet metal, corroded and encrusted, largest piece, 6.8mm x 10.6mm. (CA 481, G V 6, phase VI, late 4th century)
- 280 Fragments of sheet or ?fitting, largest piece, 11.8mm x 10.3mm. (CA 482, G V 6, phase VI, late 4th century)
- 281 Strip with narrow oval cross-section, worn, and bent into a ring with the ends slightly overlapping. Diam \leq 17.8mm x 18.9mm,

- cross-section 2.2mm x 1.6mm. (CA 485, G V 103, phase VI, late 4th century)
- 282 Three fragments of sheet metal, all adjoining and part of a larger triangular offcut. 39mm x 22.5mm, thickness \leq 0.6mm. (CA 489, L XI 14, phase IV, mid-4th century)
- 283 Fragment of folded sheet, encrusted. Present dimensions 15.7mm x 21mm, thickness \leq 1mm. (CA 500, F I T/S, unphased)
- 284 Heavy sheet metal fragment, earth encrusted. 37.1mm x 38mm, thickness 1mm. (CA 532, N III 8, phase I, late 2nd-early 3rd century)
- 285 Strip or offcut narrowing towards one end, in two adjoining pieces. Length 70.7mm, thickness \leq 0.9mm, max width 11.1mm. (CA 3, A XII 1, unphased)
- 286 Strip in four pieces, poorly preserved. (i) Length 32.8mm, width 6.1mm. (ii) Length 12.3mm, width 6.7mm. (iii) Length 21.5mm, width 6.8mm. (iv) Length 29.0mm, width 5.8mm. (CA 36, B III 8, unphased)
- 287 Sheet metal offcut. 24.7mm x 6.7mm, thickness 0.6mm. (CA 45, AA II 2, unphased)
- 288 Irregular strip or offcut. Length \leq 56mm, thickness 0.7mm, max width 6.3mm. (CA 56, B III 4, unphased)
- 289 Decayed strip or offcut. 28mm x 4.8mm, thickness \leq 0.5mm. (CA 59, B III 8, unphased)
- 290 Roughly triangular offcut. 8mm x 33.5mm x 2.8mm. (CA 62, AA III 7, phase IX, mid-4th century)
- 291 Offcut with subrectangular cross-section. Length \leq 108mm, cross-section \leq 3.5mm x 2.2mm. (CA 64, B I 6, unphased)
- 292 Offcuts. (i) Length \leq 21mm, cross-section 2.5mm x 1mm. (ii) Length 19mm, max cross-section 3.5mm x 0.9mm. (iii) Folded and irregularly shaped piece. Folded length 13.8mm, max cross-section 2.6mm x 0.3mm. (CA 77, C I 2, unphased)
- 293 Crude offcut with subrectangular cross-section. 47mm x 7.2mm x 7.4mm. (CA 78A, C I 2, unphased)
- 294 Offcuts. (i) 28mm x 3.3mm, thickness 0.6mm. (ii) 32mm x 2.3mm, thickness 0.9mm. (CA 85, C I 1A, unphased)

- 295 Triangular offcut, bent. 8.6mm x 29mm, thickness \leq 0.8mm. (CA 98, B V U/S, unphased)
- 296 Strip folded in two, worn. Width 13.5mm, length \leq 45mm, folded length \leq 22.5mm. (CA 132, B IA 7, unphased)
- 297 Strip or offcut, heavily corroded. Length \leq 28mm. (CA 148, C IXA 4, unphased)
- 298 Three pieces of strip metal, probably adjoining, heavily encrusted.
(i) Length 44mm, width 3.7mm. (ii) Length 17mm, width 5.6mm.
(iii) Length 20.5mm, width 5.2mm. (CA 154, C VI 37, phase VII, early to mid-4th century)
- 299 Rod or strip badly damaged and split, earth encrusted. Length 46.6mm, width \leq 3.3mm. (CA 155, C VIA 21, unphased)
- 300 Irregular strip, bent and in two pieces. (i) 36mm x 16mm, thickness \leq 2-3mm. (ii) 11.3m x 14mm. (CA 177, H I 14, unphased)
- 301 Irregular strip, corroded and bent; 36mm x 6.3mm. (CA 262, E IV 1, unphased)
- 302 Heavy triangular offcut or waste; 13mm x 29.5mm x 5.5mm. (CA 231, D I 1A, unphased)
- 303 Offcut with rectangular cross-section, slightly tapering towards one end. Length 20mm, max cross-section 3.3mm x 1.5mm. (CA 290, E III 10, phase VII, 3rd century?)
- 304 Wire fragment with roughly circular cross-section, bent. Length \leq 20mm, diam 2.4mm. (CA 290, E III 10, phase VII, 3rd century?)
- 305 Irregular offcut of sheet metal, 54.6mm x 6.7mm x 2.6mm. (CA 301, E V 1, unphased)
- 306 Offcut with irregular cross-section, corroded and encrusted. Length \leq 54.2mm. (CA 309, E III 51, phase III, Neronian-Trajanic)
- 307 Strip or offcut. 18.9mm x 36.7mm, thickness \leq 0.7mm. (CA 31., E V 1, unphased)
- 308 Strip or offcut with plano-convex cross-section tapering towards one end, in three adjoining pieces; heavily corroded and bent. Length \leq 110mm. (CA 457, D II 29, unphased)
- 309 Fragment or offcut. 19mm x 4.7mm x 2.3mm. (CA 466, E VII 1, unphased)

- 310 Strip, offcut? or waste? In two adjoining pieces, heavily corroded. Length \leq 50mm, max width 7.7mm. (CA 474, G IA 111, phase IV, early to mid-4th century)
- 311 Strip or offcut, tapering nearly to a point and curled roughly into a ring. Length \leq 65mm, thickness \leq 0.7-0.9mm, max width 7.5mm. (CA 497, K I 3A, unphased)

Wire fragments

- 312 Heavy wire with subcircular cross-section, possibly part of a ring-shaped fitting. Diam \leq 34mm, thickness 4-4.3mm, depth 4mm. (CA 8, A IX 1, unphased)
- 313 Wire, slightly flattened out at one end. Probably the shaft of an implement. Length 59.7mm. (CA 15, A IX 24, unphased)
- 314 Wire, or 2 fragment of fitting, each end slightly flattened out. Length \leq 35mm, cross-section \leq 3.5mm. (CA 92, AA III 1, unphased)
- 315 Wire, bent. Length \leq 67mm, cross-section \leq 1.9mm. (CA 65, B IV U/5, unphased)
- 316 Two pieces of wire or offcuts, bent. (i) With irregular 'D' shaped cross-section. Length 55mm, cross-section 3.2mm x 2.6mm. (ii) With sub rectangular cross-section. Length \leq 90mm, cross-section 2.7mm x 1.8mm. (CA 75, A XIV 1, unphased)
- 317 Wire, slightly bent. Length \leq 4.6mm. (CA 99, AA III 42, phase V, later 3rd century on)
- 318 Wire twisted into a circle, very corroded. Diam \leq 10.7-14mm. (CA 100, C III 1, unphased)
- 319 Wire in more than ten fragments, very decayed. Length of largest piece \leq 31mm, length of other fragments mm or less. (CA 270, B II 33, phase II, Antonine-3rd century)
- 320 (i) Wire, corroded and bent, length 48mm. (ii) Corroded lump, 10.1mm x 9.8mm x 9.9mm. (CA 274B, D I U/S, unphased)
- 321 Four pieces of wire, heavily corroded. Lengths 34.3mm; 16mm; 18.1mm; 15.3mm. (CA 281, B II 39, unphased)
- 322 Rod, broken and heavily corroded. Length 10.2mm. (CA 320, d II 10, 'metal')

- 323 Wire in three adjoining fragments, surface badly eroded in parts. Present length \leq 51mm. (CA 329, E I 38, phase VI, early 3rd century?)
- 324 Wire or offcut with irregular cross-section, and rather encrusted. Length 37mm. (CA 364, G I 128, phase V, later 4th century)
- 325 Wire ring or loop of wire with roughly ovoid cross-section. Length \leq 27mm, thickness 1.3mm, depth 1.7mm, diam \leq 18mm or slightly larger. (CA 398, G III 1, unphased)
- 326 Oval-shaped link or loop, a little distorted. Outer dimensions 13.7mm x 25mm, thickness \leq 2mm, depth 2.6mm. (CA 400, G IA 63, phase V, later 4th century)
- 327 Heavy wire with circular cross-section, curved into a rough semicircle, corroded. Length \leq 50mm, cross-section \leq 24-27mm. (CA 403, D I 71, phase V, early to mid-4th century?)
- 328 Wire with roughly square cross-section twisted roughly into a ring shape. Length \leq 53 mm, cross-section 1.8mm x 2mm, diam ring \leq 15mm. (CA 404, J II 7, unphased)
- 329 Twisted wire fragment. Length \leq 12mm. (CA 424?, F IV 55, unphased)
- 330 Rod or strip, heavily corroded. Length \leq 38mm. (CA 434, D II 28, unphased)
- 331 Wire twisted into a tight circle, functional? or decorative? Length wire \leq 40mm, diam \leq 2.8mm. (CA 447, G IV 41, phase I?, late 2nd/3rd century?)
- 332 Oval link of chain with wear marks. Length 16mm x 18mm, depth 3.6mm. (CA 465, D II 15, phase VIII, late 4th century)
- 333 Thin piece of bent corroded wire. Length \leq 29.5mm. (CA 467A, G V 1, unphased)
- 334 Chain link or ring made from an irregular piece of heavy wire bent into a circle. Diam \leq 11-12mm, depth \leq 2mm. (CA 467B, G V 1, unphased)
- 335 Wire with angular cross-section, bent and corroded. Present length 43mm. (CA 477, D II 41, phase VII, mid- to late 4th century?)
- 336 Rod with circular cross-section, slightly curved. Length 36mm, diam \leq 6.5mm. (CA 483, E VII 1, unphased)

337 Although bearing a similarity to the bow of a brooch, there is no sight of a catch-plate and the end that would have one appears to be deliberately shaped to be straight-sided and blunt-ended. The other, or 'head' end shows no sign of expanding to become part of a wing and spring-fixing arrangement. Length 46mm. (CA 21, AA II 1, unphased)

Waste material etc

- 338 Comma-shaped waste or dribble from metal processing. 33.2mm x 16.7mm x 5.8 mm. (CA 78B, C I 2, unphased)
- 339 Irregular droplet of bronze waste. 13.8mm x 11.7mm x 11.7mm. (CA 356, G IV 1A, unphased)
- 340 Lump or waste. 17mm x 12.5mm x 10.2mm. (CA 68, B I 16, phase II, Antonine-3rd century)
- 341 Irregular lump or waste. 28mm x 15mm x 5.6mm. (CA 80, B IV 1, unphased)
- 342 Irregular lump, partly hollow at broken end, waste from casting process. 27.6mm x 15.8mm x 8mm. (CA 130, C IIID 1, unphased)
- 343 Lump or waste. 13mm x 16.3mm x 4.7mm. (CA 161, A XVI 17, unphased)
- 344 Waste from casting process. 27.2mm x 17mm x 4mm. (CA 220, G I 14, phase IX, late 4th century)
- 345 Lump of waste. 17.3mm x 13.8mm x 9.1mm. (CA 238, G IA 1A, unphased)
- 346 Lump, totally corroded. 24mm x 18mm x 11mm. (CA 176, H I 14, unphased)
- 347 Lump or waste? 46mm x 25mm x 27mm. (CA 247, G II 2, unphased)
- 348 Heavy lump of waste and metal; 50mm x 38mm x 13mm, with g fourteen small lumps probably broken off it, of which the largest measure: 20mm x 16mm x 8.7mm; 23.5mm x 21.5mm x 9.5mm; 7.3mm x 12.3mm x 21.6mm. (CA 259, H II 33, phase II, Antonine-3rd century)
- 349 Corroded and encrusted lump, 19.8mm x 15mm x 9.1mm. (CA 272, G I 24, phase IX+, late 4th century)
- 350 Two corroded lumps. 23.5mm x 17.7 x 16mm; 9.7mm x 11.6mm x 10.7mm. (CA 288, D I 71, phase V, early to mid-4th century?)

- 351 Corroded lump of ?wire. 16.3mm x 4.4mm x 7.1mm. (CA 291B, D I 36, phase VI, mid- to late 4th century?)
- 352 Approximately ten pieces of heavy corroded and encrusted material of which the largest pieces measure: 12.4mm x 13mm x 2.6mm; 12.3mm x 13.5mm x 2.7mm; 21.8mm x 6.4mm x 2.3mm. (CA 368, D I 107, phase I, 1st century-early Antonine)
- 353 Lump with some traces of ?iron corrosion products. 6.8mm x 11.2mm x 7mm. (CA 378, D I 128, phase II, later 2nd-early 3rd century?)
- 354 Corroded irregular lump in two pieces, 28mm x 20mm x 18mm. (CA 387, D I 25, phase VIII, late 4th century)
- 355 Approximately eleven pieces of corroded waste of which the largest measure: 19.5mm x 7.1mm x 5.3mm; 18mm x 5.4mm x 6mm; 12mm x 6mm x 7.2mm; 7.2mm x 4mm x 9.9mm; 12.5mm x 5.3mm x 5mm; 6.7mm x 6.8mm x 10.1mm. (CA 414, G IA 67A, phase V, later 4th century)
- 356 Irregular lump ?waste, with large pebble attached. 38mm x 42.5mm x 21mm. (CA 446, D II 28, unphased)

**Iron objects: full catalogue of Roman and possibly Roman objects
(figs 93-97)**

Quita Mould

See also print [xxxxx]

Weaponry

Spearhead

- 1 Open, nailed, round-sectioned socket and plano-convex sectioned, leaf-shaped blade tapering to a pointed tip, now broken, bent at a right-angle to the socket. Flaking. Length 160mm, blade length 70mm, width 36mm, socket diam 25mm. (FE 308, G III 1, unphased)

Bell-shaped stud

- 2 Square-sectioned shank tapering to a pointed tip and a large bell-shaped stud head with central boss, shouldered before the shank. Flaking. Shank length 73mm, head diam 35mm, height 20mm. (FE 403, M III 68, phase II, late 2nd-early 3rd century on)

Sheath binding

- 3 Rectangular-shaped, looped binding of rectangular-section, possibly a sheath binding. Flaking. Length 45mm, width 11mm. (FE 291, D I 126A, phase II, later 2nd-early 3rd century?)

Tools

Metalworking

Set/chisel

- 4 Heavy set/chisel with square head narrowing into a round sectioned neck and expanding into a wide splayed blade. Flaking. Length 158mm, head length 48mm, blade width 84mm. (FE 160, D I 2, phase VIII, late 4th century)

Punches

- 5 Round-sectioned punch with flat, unburred head and slightly bevelled, straight edge. Flaking, encrusted. Length 113mm, diam 9mm. (FE 183, D I Topsoil, unstratified)
- 6 Round-sectioned punch tapering to a pointed tip from a flat, slightly burred head. Flaking. Length 101mm, max diam 14mm. (FE 187B, D I 2A, phase VIII, late 4th century)
- 7 Small domed head expanding to a distinct shoulder before tapering to a long square-sectioned, pointed tip. Flaking. Length 98mm, head diam 12mm, shoulder width 13mm. (FE 278, F I 5, phase XIII, after AD 353)

Files

- 8 Two broken rectangular-sectioned blade fragments with series of teeth on at least one face visible in radiograph. Flaking. Length 50mm, width 11mm, length 34mm, width 10mm. (FE 204A, D I 2A, phase VIII, late 4th century)
- 9 Fine, rectangular-sectioned stem tapering to a pointed tip at each end with a series of fine teeth across two faces. Flaking. Length 86mm, max width 5mm. (FE 323, D IV 3, unphased)

Rake

- 10 Rectangular-shaped blade of flat section with the beginnings of a centrally placed handle or tang. Possibly a small ash rake or scraper. Flaking. Length 40mm, width 70mm. (FE 210A, D I 34, phase VI, mid- to late 4th century?)

Tongs handle

- 11 Round-sectioned stem with hooked terminal with flattened tongue-like end. Possibly the handle from a small pair of tongs. Flaking. Length 142mm, diam 5mm, hook length 45mm. (FE 254, D I 87, phase V, early to mid-4th century?)

Fire-shovel

- 12 Large ovate blade with broken handle. Original record states the implement was tanged, but this is not borne out by surviving illustration (see also strap fragments 172 below). Not seen. Length 380mm, blade width 150mm, tang length 150mm. (FE 202, D I 5, phase VI7, mid- to late 4th century?)

Carpenter's tools

Gouge

- 13 Fragment of socketed gouge with broken socket. Flaking, encrusted. Length 100mm, blade width 20mm, socket width 30mm. (FE 213, D I 40, phase V, early to mid-4th century?)

Paring chisels

- 14 Square-sectioned tang tapering to a pointed tip and assuming a flat section along the narrow, straight-sided, broken blade. Possibly a small paring chisel. Flaking. Length 96mm, width 7mm. (FE 334C, G IIIA 3, unphased)
- 15 Rectangular-sectioned stem with a large shoulder tapering in thickness to a long, narrow, broken blade. Flaking, encrusted. Length 141mm, max width 19mm, blade width 10mm. (FE 258, H II 74, phase II, Antonine-3rd century)
- 16 Rectangular-sectioned stem with flat head, flattening and expanding into a flaring straight-ended blade. Flaking. Length 164mm, blade length 82mm, width 22mm. (FE 260, H II 6A, phase III, Antonine-3rd century on)

Chisel/wedge

- 17 Thick wedge-sectioned blade with a straight, bevelled edge and a short, broken, centrally-placed tang. Possibly a short, wide-bladed mortise chisel or small wedge. Flaking. Length 75mm, width 35mm, tang length 20mm. (FE 242, H III 1, unphased)

Bradawl

- 18 Slender rectangular-sectioned chisel-ended stem with pointed tang separated by a slightly expanded shoulder. Flaking. Length 196mm, max width 13mm, edge width 6mm. (FE 377, G V 100, phase VI, late 4th century)

Mason's tools

Gauges

- 19 Narrow gouge blade with straight sides, rounded tip, and broken stem. Flaking. Length 60mm, width 8mm. (FE 410, AA III 2, unphased)
- 20 Square-sectioned stem with flat head and narrow gouge blade of U-shaped section. Flaking. Length 95mm, blade length 60mm, width 9mm. (FE 259, H II 6A, phase III, Antonine-3rd century on)

Leatherworking tools

Circular punch

- 21 Round-sectioned stem with a flat head and a long U-shaped gouge blade with penannular cutting face. Flaking. Length 126mm; gouge blade 59mm, width 6mm; head dia 16mm. (FE 253, D I 87, phase V, early to mid-4th century?)

Awls

- 22 Fine, square-sectioned awl tapering from a slightly thickened central shoulder to a pointed tip at each end. Flaking. Length 121mm, max width 8mm. (FE 118, AA I 17, phase VI, late 3rd-early 4th century)
- 23 As 22 above. Flaking. Length 102mm, max width 7mm. (FE 67, B 1 3, phase II, Antonine-3rd century)
- 24 Round-sectioned awl tapering to a pointed tip at each end from a distinct central shoulder. Flaking, encrusted. Length 83mm, max width 10mm. (C V 30A, unphased)

- 25 As 22 above. Flaking. Length 146mm, max width 7mm. (FE 185, D I 17, phase V, early to mid-4th century?)
- 26 Square-sectioned shank tapering to a pointed tip, other end broken. Flaking. Length 166mm, width 6mm. (FE 210C, D I 34, phase VI, mid- to late 4th century?)
- 27 Long round-sectioned stem with a bent tip, expanding to a distinct shoulder before tapering to a short pointed tip. Flaking. Length 129mm, max diam 6mm. (FE 277, D I 135, phase VI, mid- to late 4th century?)
- 28 Small fine awl of rectangular section tapering to a point at one end, broken at the other. Flaking. Length 79mm, max width 5mm. (FE 358, D IV 10, unphased)
- 29 Square-sectioned tang and round-sectioned point with broken tip, separated by a distinct shoulder. Tang has minerally preserved organic wood remains from the original haft remaining. Found with a collar ferrule 55, see below. Previous records suggest that they come from the same implement. If this is the case, the tool had a very substantial handle. Flaking. Length 92mm, max width 13mm. (FE 189A, G IA 1A, unphased)
- 30 Small bent awl with square-sectioned tang and round-sectioned point separated by an expanded shoulder. Flaking. Length 98mm, max width 6mm. (FE 193, G I 24, phase IX+, late 4th century)
- 31 Rectangular-sectioned stem tapering to a pointed tip at one end and a gently pointed tip at the other. Flaking, encrusted. Length 127mm, max width 8mm. (FE 401, N III 13, phase III, mid-4th century)

Modelling tools

- 32 Long centrally-placed, rectangular-sectioned tang and flat, broken blade. The slightly cranked tang suggests this is a spatulate blade rather than a knife; there is no distinct back or edge visible. Possibly a trowel of Manning's type IV (1976, 27 no 71 and fig 5). Flaking. Length 126mm, blade length 50mm, width 27mm. (FE 337, E VII 1, unphased)
- 33 Thick, round-sectioned stem flattening at each end into a straight-ended, flat, slightly flaring blade. Stem decorated by a series of three transverse mouldings with three bands of non-ferrous inlay. Manning type 3 (1985, 32 and fig 7.3). Flaking, encrusted. Length 116mm, blade length 25mm, width 13mm. (FE 285C, G I 89, phase IV, early to mid-4th century)

Textileworking tools

(See also blades, shears.)

Needle/pin fragments

- 34 Fine, round-sectioned stem, broken. Flaking, encrusted. Length 69mm, diam 3mm. (FE 351, D I 25, unphased)
- 35 As 34 above with suggestion of an eye at one end. Flaking. Length 43mm, diam 3mm. (FE 327, F I 66, unphased)
- 36 As 34 above. Flaking. Length 46mm, diam 1mm. (FE 271, G II 3, phase V, later 4th century)

Agricultural tools

Oxgoad

- 37 Double spirally twisted ferrule with a pointed tine. Flaking. Length 34mm, diam 15mm, tine length 19mm. (FE 105, AA III 9, unphased)

Small hooked blade

- 38 Small crescentic blade curving into a blunt tip and a straight square-sectioned tang. In radiograph the back and edge are

indistinguishable. Encrusted, flaking. Length 105mm, blade length 70mm, width 30mm. (FE 317, D II 24, unphased)

Tine

- 39 Heavy round-sectioned stem with curving profile tapering from a broken end to a bluntly pointed tip. Possibly a tine from a forked hoe or pitchfork. Flaking. Length 170mm, diam 18mm. (FE 310, F I 41, phase XII, after AD 353)

Turf-cutter

- 40 Large crescentic, flat-sectioned blade with large open socket formed by folding the side wings inward. The nailed socket is broken. Flaking. Length 136mm, blade length 160mm, width 60mm, socket length 100mm, width 20mm. (FE 376, G V 88, unphased)

Miscellaneous implements

Peel

- 41 Rectangular-sectioned strap handle and long stem spirally twisted in opposing directions expanding to a slight shoulder before the flat circular ring head with rectangular finial. Flaking. Length 700mm, head diam 105mm. (FE 353, F I 5, phase XIII, after AD 353)

Socketed points

- 42 Fine square-sectioned point with a round-sectioned open socket. Flaking. Length 77mm, diam 15mm. (FE 21, A XI 2, unphased)
- 43 Fractured square-sectioned point with a round-sectioned socket. Flaking, encrusted. Length 150mm, max diam 24mm. (FE 182, H I 14, unphased)

Ratchet

- 44 Strip of rectangular-section with a series of six large triangular teeth followed by three rectangular ones. Ratchet fragment. Flaking. Length 76mm, width 13mm. (FE 245, D I 36, phase VI, mid- to late 4th century?)

- 45 Rectangular-sectioned shank flattening into the beginnings of an open nailed socket, from an unknown implement. Flaking. Length 55mm, max width 36mm. (FE 206, E II 2, unstratified)

Ferrules, conical

- 46 Fine conical ferrule with round-sectioned socket tapering to a square-sectioned point. Flaking. Length 130mm, max diam 22mm. (FE 4, A XI U/S, unstratified)
- 47 Slightly tapering round-sectioned socket with broken terminal, probably a conical ferrule. Flaking. Length 85mm, max diam 20mm. (FE 36, A XII 10, unphased)
- 48 Conical ferrule of round section tapering to a pointed tip. Minerally preserved organic remains present within the socket. Encrusted heavily. Length c 185mm, diam 32mm. (FE 315, D I 196, unphased)
- 49 Small, tapering, oval-sectioned socket or ferrule; the gently rounded tip has a hole in one side. Flaking. Length 45mm, max diam 15mm. (FE 250, E IV 16, unstratified)
- 50 Small conical ferrule or broken socket. Encrusted heavily. Length 43mm, max diam 15mm. (FE 385, L I 21, phase II, late 2nd century on)

Ferrules, collar

- 51 Curving fragment of collar ferrule. Encrusted. Diam 32mm, width 12mm. (FE 8, A V 3, phase VI, late 3rd-early 4th century)
- 52 Small curved fragment of rectangular section, probably a broken collar ferrule. Flaking. Diam 38mm, width 11mm. (FE 86, B I 1A, unphased)

- 53 Rectangular link of rectangular section, the slightly tapering arms over-shooting each other. Probably used as a collar ferrule. Flaking. Length 62mm, width 34mm, arm width 12mm. (FE 100, C I 25A, unphased)
- 54 Small rectangular-sectioned collar. Flaking, encrusted. Diam 16mm, width 10mm. (FE 265, E IV 31, phase V, late 2nd century?)
- 55 Collar ferrule of flat-sectioned strap, centre filled with soil with a central hole with corrosion products within from the tang of the tool it originally hafted. Found with awl 29, see above. Diam 30mm, width 30mm. (FE 189B, G IA 1A, unphased)

Transport

Cart fittings

Linchpins

- 56 Spatulate-headed linchpin with turned over loop and rectangular-sectioned shank. Manning type 2b (1985, 74 and fig 20). Flaking. Length 161mm, head width 40mm. (FE 374, D II 14, unphased)
- 57 As 56 above. Length 147mm, head width 37mm. (FE 363, E VII 1, unphased)

Spiked collar

- 58 Spiked collar of rectangular section, the tapering arms ending in clenched tips in opposing planes. Flaking. Width 78mm, strap width 22mm, arm length 138mm. (FE 324, G IA 90, phase IV, early to mid-4th century)

Harness

Snaffle bits

- 59 Two articulating links of rectangular section with looped ring terminals. Flaking. Total length 109mm, link length 60mm. (FE 22, A XI 2, unphased)

- 60 Broken round-sectioned stem with a hooked terminal, possibly a bit link. Flaking, encrusted. Length 63mm, diam 8mm. (FE 352, E II 34, phase V, late 2nd century?)

Buckles

- 61 D-shaped buckle frame with lozenge-shaped section and rectangular-sectioned pin wrapped around the straight bar. Flaking. Length 35mm, width 35mm. Post-Roman. (FE 179, E III 1, unstratified)

Hipposandals

- 62 Hipposandal with pierced sole, heel hook and side wings joining to form a front loop. Manning type 2 (1985, 65 & fig 16, 2). Flaking. Length 160mm, sole width 70mm, max width 135mm. (FE 16, A XI 2, unphased)
- 63 Sole fragment with sloping shoulders and neck of the upward curving rear hook. Probably Manning type 2. Encrusted, flaking. Length 85mm, width 90mm. (FE 342, D II 39, unphased)
- 64 As 62 above, heel and heel hook bent upward out of shape. Flaking. Length 120mm, width 110mm. (FE 335, E VII 1, unphased)

Horseshoes (all Post-Roman)

- 65 Branch of horseshoe with two nail holes. Flaking. Length 81mm, max width 27mm. Post-Roman. (FE 43, AA II 1, unphased)
- 66 Small horseshoe with three widely spaced square nail holes on each side, one with a shank in situ. No calkins or fullered groove. Flaking, encrusted. Length 100mm, width 97mm, web width 30mm. Post-Roman. (FE 52, B II U/S, unstratified)
- 67 Right branch of horseshoe tapering to a narrow foot with a slight calkin; three rectangular nail holes present, two with nails in

- situ. Flaking. Length 100mm, web width 33mm. Post-Roman. (FE 225, D I Topsoil, unstratified)
- 68 Right branch of horseshoe broken across the arch tapering to a calkin; three rectangular nail holes, two with flat headed nails in situ. Flaking. Length 94mm, web width 32mm. Post-Roman. (FE 226, D II 14, unphased)
- 69 Left branch fragment with a single rectangular nail hole present. Flaking. Length 61mm, width 28mm. Post-Roman. (FE 283, E IV 15, phase XIII, after AD 353)

Jewellery

Finger-ring

- 70 Fragment with oval bezel constricting to the broken ring, section lost. Flaking. Length 19mm, bezel width 9mm. (FE 5, A VI 4, unphased)

?Bracelet

- 71 Large round-sectioned ring, arms broken and possibly originally penannular. In radiograph possible transverse mouldings are visible at the centre of the exterior edge. Possibly a bracelet. Flaking, encrusted. Diam 80mm, arm diam 8mm. Post-Roman. (FE 380, D II 14, unphased)

Dress fittings

Shoe cleats

- 72 Cleat with flat oval body and small tang at each end. Length 40mm, body length 25mm, tang length 10mm. (FE 218, G III 2, phase X, late 4th century)
- 73 Cleat; one tine remaining. Length 25mm, body length 18mm, tang length 9mm. (FE 411, A X 8, unphased)

Nobnails

74	FE No	Context	Phase	Phase date	Quantity
	20	A V 4	phase VIII	early to mid-4th century	6
	44	AA II 1	unphased		1
	117	AA II 73	phase V	later 3rd century on	1
	-	AA III 10	phase VI	late 3rd-early 4th century	1
	91	C I 1A	unphased		3
	150B	C II 21	unphased		2
	178	C IVA 117	phase V	later 3rd century on	4
	202A	D I 5	phase VI?	mid- to late 4th century?	1
	211B	D I 36	phase VI	mid- to late 4th century?	4
	273	D I 126A	phase II	later 2nd-early 3rd century?	2
	414	D I 148	phase VI	mid- to late 4th century?	1
	307	D I 173	phase II	later 2nd-early 3rd century?	14
	368	D I 246	phase II	later 2nd-early 3rd century?	3
	371	D IV 16	unphased		13
	328	E II 30	phase VI	early 3rd century?	1
	266	E IV 31	phase V	late 2nd century?	1
	334A	G IIIA 3	unphased		11
	348	G IV 41D	unphased		42
	383	G V 6	phase VI	late 4th century	27
	384	G V 6A	phase X	late 4th century	19
	392	M I 148	unphased		19

Writing implements

Styli

All stems are of round section.

- 75 Wedge-sectioned eraser with upper stem decorated by a transverse moulding, broken before the point. Manning type 4 (1985, 85). Flaking. Length 93mm, diam 5mm, eraser width 7mm. (FE 46, A X 11, unphased)
- 76 Broken stem with beginning of the point, eraser missing. Flaking. Length 123mm, max diam 8mm. (FE 133A, AA II 122, phase V, later 3rd century on)
- 77 Wedge-sectioned eraser, stem expanding to a slight shoulder above the point. Manning type 2. Encrusted, flaking. Length 133mm, diam 6mm, eraser width 7mm. (FE 126, AA IIIA 15, phase III, later 3rd century)
- 78 Broken stem expanding slightly above the point. Encrusted, flaking. Length 111mm, max diam 5mm. (FE 329, D I 214, phase VIII, late 4th century)
- 79 Waisted eraser and stem expanding to a distinct shoulder before the pointed tip. The shoulder is decorated with a transverse moulding. Manning type 4. Flaking. Length 116mm, diam 5mm, eraser width 8mm. (FE 340, D II 29, unphased)
- 80 Broken stem with simple eraser. Flaking. Lengths 58mm, 45mm, max diam 6mm, eraser width 10mm. (D II 94, unphased)
- 81 Broken stem with slightly waisted eraser and long point tapering from a distinct shoulder. Manning type 3. Flaking. Approx length 126mm, diam 7mm, eraser width 9mm. (FE 275, F III 1, unstratified)
- 82 Broken, waisted eraser, shouldered stem and point. The shoulder is decorated with a series of transverse mouldings with an inlaid

- non-ferrous band. Manning type 4. Flaking. Length 136mm, diam 7mm. (FE 192, G I 14, phase IX, late 4th century)
- 83 Stem broken before the point and fragment of waisted eraser. Manning type 3. Flaking. Length 109mm. (FE 285A, G I 89, phase IV, early to mid-4th century)
- 84 Wedge-sectioned eraser and broken stem. Manning type 1. Flaking. Length 120mm, eraser width 7mm. (FE 285B, G I 89, phase IV, early to mid-4th century)
- 85 Wedge-sectioned eraser and stem broken before the tip. Manning type 1. Flaking. Length 97mm, diam 5mm, eraser width 7mm. (FE 294, G I 106A, phase V, later 4th century)
- 86 Broken stem tapering to the tip, bent. Flaking. Length 103mm, max diam 4mm. (FE 302, G IA 5, phase VI, late 4th century)
- 87 Wedge-sectioned eraser and curved stem broken before the point. Encrusted, flaking. Length 114mm, diam 5mm, eraser width 8mm. (FE 372, G II 29, phase IV, early to mid-4th century)
- 88 Stem and long pointed tip separated by a shoulder decorated with a series of transverse mouldings and inlaid bands of non-ferrous metal. Manning type 4. Flaking. Length 81mm, max diam 6mm. (FE 415A, L XII 10, phase IV, late Roman/modern)

Styli stems

- 89 Broken stem tapering to the point. Flaking. Length 119mm, max diam 6mm. (FE 34, A X 6, unphased)
- 90 Broken stem with pointed tip. Encrusted, flaking. Length 108mm, diam 4mm. (FE 386A, L I 7, unphased)

Locks and keys

Lock

- 91 Broken circular disc of flat section with a large round-sectioned rivet; bent. Probably part of a lock case. Flaking. Diam 60mm, rivet length 20mm. (FE 137, B IA 14, phase IV, mid- to late 4th century)

Keys

L-shaped lift-keys

- 92 Square-sectioned stem handle with circular ring bow of rectangular section and broken bit at right-angles to the handle, with a single tooth remaining. Flaking. Length 95mm, bow diam 27mm, bit length 20mm. (FE 127, A XV 1, unphased)
- 93 Long, rectangular-sectioned strip handle with rolled loop terminal and broken bit at right-angles to the handle. Flaking. Length 146mm, handle width 10mm. (FE 119A, AA II 51, phase VI, early to mid-4th century)
- 94 Rectangular-sectioned shouldered handle, large ring bow and two-toothed bit at right-angles. Encrusted, flaking. Length 148mm, bow diam 26mm, bit length 45mm. (FE 108, C V 56, unphased)
- 95 Narrow rectangular-sectioned strip, clenched at right-angles with a hooked terminal at each end. Possibly a single-toothed lift-key. Flaking. Length 80mm, width 10mm. (FE 311B, D I 109, phase II, later 2nd-early 3rd century?)

Slide key

- 96 Rectangular-sectioned strap handle with a ring terminal, looped stem ends in a two-toothed bit. Flaking. Length 150mm, bit length 22mm. (FE 289A, G IA 59, phase VII+, late 4th century)

Barb-spring padlock key

- 97 Broken tapering flat-sectioned strap handle with double pierced and notched bit at right-angles. Flaking. Length 39mm, max width 16mm. (FE 263, F II Topsoil, unstratified)

Lever-lock keys

- 98 Rectangular-sectioned stem with flattened centrally pierced bow terminal articulating with a link. Stem expands into a small flange on one side above the two square teeth projecting from the bottom of the stem. Flaking, encrusted. Length 146mm, bow diam 25mm, tooth length 17mm. (FE 88, B I 27, phase I/II, 1st-3rd century)
- 99 Square-sectioned stem with circular bow and simple flattened bit, detail lost through corrosion. Flaking. Length 99mm, bow diam 23mm, bit length 22mm. (FE 161, C XIX 4, unphased)
- 100 Round-sectioned stem tapering from a shoulder to a pointed pivot. The rectangular bit with a slit in each edge is set to one side of the stem. Stem may be hollow above the bit but this is probably the result of corrosion. Flaking. Length 66mm, diam 20mm, bit length 13mm. (FE 270, D I 128, phase II, later 2nd-early 3rd century?)
- 101 Short round-sectioned stem; large round bow of rectangular section, apparently with finial. The stem is hollow ended; the two-toothed bit has additional tothing along the fore edge. Flaking. Length 83mm, bow diam 28mm, bit length 29mm. (FE 200, G I 1, unphased)

Key fragments

- 102 Oval bow of round section and fragment of stem, section lost. Flaking. Length 44mm, bow diam 25mm. (FE 10, A XI 2, unphased)
- 103 Rectangular-sectioned handle with looped ring terminal, long square-sectioned stem and beginnings of broken bit at right-angles. Flaking. Length 157mm, width 10mm, bow diam 15mm. (FE 66, AA I 16, phase VII, late 3rd-early 4th century)

Keys

- 104 Rectangular-sectioned shouldered strap handle with pierced terminal, square-sectioned stem with broken projection in opposite plane to the bit or foot. Flaking. Length 162mm, width 20mm, bit length 35mm. (FE 231A, D I Topsoil, unstratified)
- 105 Looped terminal and swan-necked, rectangular-sectioned stem with a bent or right-angled end. Possibly a key. Flaking. Length 70mm. (FE 222, G II 2, unstratified)

Blades

Shears

- 106 Triangular blade with straight back and edge meeting at a pointed tip, now missing. The rectangular-sectioned tang set on line with the back flattens and expands into the beginnings of the spring. The shoulder of the blade is decorated with a series of notches. Flaking. Length 146mm; blade length 83mm, width 19mm; spring width 24mm. (FE 298, D I 173, phase II, later 2nd-early 3rd century?)

Cleaver

- 107 Large blade with straight back and convex edge rising to meet the back at a rounded tip. The large round-sectioned socket is on line with the back and has minerally preserved organic remains present from the haft within. A triangular hole is present in one side of the socket, so that it appears like an open socket with a closed collar terminal. Manning type 2a (1985, 122 and fig 30). Flaking. Length 330mm, blade length 221mm, width 105mm, socket diam 30mm. (FE 188, D II 2, phase IX, late 4th century)

Razor

- 108 Slender blade with straight back and edge, the back dropping to meet the edge in a gently pointed tip and a solid round-sectioned handle with a small ring terminal. Manning type 4 (1985, 110 and fig 28). Fractured, flaking. Length 132mm, blade length 85mm, width 12mm. (FE 159, D I 1, unphased)

Knives

Blades with a centrally placed tang

- 109 Narrow blade with straight back and edge, broken before the tip. Back and edge cannot be distinguished in radiograph. Flaking. Length 106mm, blade length 68mm, width 19mm. (FE 212, D I 23, phase VIII, late 4th century)
- 110 Small wide blade with straight back and slightly convex edge, broken before the tip. Flaking. Length 97mm, blade length 73mm, width 30mm. (FE 256, G IV 1A, unphased)

Blades with a tang on line with the back

- 111 Small blade with straight back; edge rises in a convex curve to meet the back, point missing. Flaking. Length 95mm, blade length 53mm, width 35mm. (FE 15, A IX 3, phase VI, late 3rd-early 4th century)
- 112 Blade fragment with straight back, edge rising to meet the back at the tip, blade shape uncertain. Encrusted heavily, flaking. Length 91mm, blade length 46mm, width 26mm. (FE 311A, D I 109, phase II, later 2nd-early 3rd century?)
- 113 Fragment of large blade with sinuous back and convex edge. Manning type 23 (1985, 118 and fig 29). Flaking. Length 130mm, blade width 60mm. (FE 217, D II 2, phase IX, late 4th century)
- 114 Blade fragment with straight back and edge which are indistinguishable. Encrusted, flaking badly. Length 106mm, blade length 67mm, width 28mm. (FE 365, E VII 1, unphased)

Blade with a solid handle

- 115 Blade with straight back and convex edge rising to meet the back at the tip. A round-sectioned solid handle of non-ferrous metal, apparently copper alloy, continues the line of the back. Encrusted.

Length 128mm, blade length 55mm, width 33mm. (FE 236, D I 71, phase V, early to mid-4th century?)

Domestic equipment

Fire dog

- 116 Long rectangular-sectioned strap with a pair of down-turning strap legs at either end. Centre of the strap is pierced by a long oval hole where the strap is distinctly thickened in section. Flaking. Length 353mm, width 25mm, leg length 63mm, width 28mm. (FE 143, A XVI 14, unphased)

Candleholders

- 117 Tripod candlestick with round-sectioned socket, long stem and remains of three round-sectioned legs. Encrusted, flaking. Height 127mm, socket diam 22mm, surviving leg span 62mm. (FE 235, D I 71, phase V, early to mid-4th century?)
- 118 Candleholder comprising a round-sectioned socket and clenched rectangular-sectioned shank tapering to a pointed tip. Flaking. Length 83/62mm, diam 17mm. (FE 269, D I 87B, phase V, early to mid-4th century)

Ladle

- 119 Two fragments from a circular bowl with a simple unthickened rim, likely to come from a ladle. Encrusted. Approx diam 58mm. (FE 106, C I 26, unphased)

Bucket fittings

- 120 Broken square-sectioned handle gently curved in profile with a hooked end with a knobbed terminal. Encrusted heavily. Length 115mm, approx terminal width 12mm.

Twelve fragments of narrow rectangular-sectioned strap, some with a curved profile, probably bucket bindings. Encrusted heavily. Width 16mm. (FE 139A, A IA 19, unphased)

Handles

- 121 Plano-convex sectioned strip of sinuous profile with a flattened terminal at each end. Flaking. Length 105mm, width 10mm, terminal width 15mm. (FE 330, G II 2, unstratified)
- 122 Length of rectangular-sectioned strip, possibly gently pointed at one end, broken at the other. Possibly a long strip handle. Encrusted, flaking. Length 290mm, width 12mm. (FE 325, G IV 39, phase IV, early to mid-4th century)
- 123 Curving, rectangular-sectioned strip with a flattened pierced ring terminal. Flaking. Length 107mm, width 11mm, terminal width 22mm. (FE 249, H III 1, unphased)
- 124 Curving round-sectioned stem flattening and gently expanding at the broken end. Flaking. Length 95mm, diam 5mm, max width 10mm. (FE 345A, G IV 25, phase IV, early to mid-4th century)

Handles, spirally-twisted

- 125 Fragment of round-sectioned stem possibly spirally twisted. Flaking badly. Length 226mm, diam 10mm. (FE 202B, D I 5, phase VI?, mid- to late 4th century?)
- 126 Spirally twisted stem with a hooked terminal, other end flattened and broken. Flaking. Length 110mm, width 11mm. (FE 240, G I 29, phase VIII/IX, late 4th century)
- 127 Fragment of spirally twisted stem broken at each end. Flaking. Length 68mm, width 9mm. (FE 321, G II 12, phase V, later 4th century)

Handles, ring

- 128 Annular collar of curved-sectioned strap ending in a round-sectioned hooked terminal at each end. Flaking. Diam 60mm, strap width 25mm, length 74mm. (FE 125, C IIIB 1, unphased)

129 Broken strap with curved section and a hooked terminal of round section. Flaking. Width 21mm, hook length 20mm, width 17mm. (FE 197, G I 24, phase IX+, late 4th century)

Handle, ?drop

130 Fragment of round-sectioned stem with a knobbed terminal. Flaking. Length 38mm.

Curved fragment flattening in section toward one end, both ends are broken. Flaking. Length 31mm

Possibly fragments from a small drop handle. (FE 176, C VIA 59, phase VII, early to mid-4th century)

Structural fittings

Drop hinges

131 L-shaped hinge staples with rectangular-sectioned shank and round-sectioned upstanding arm.

FE No	Context	Phase	Phase date	Length	
				shank	arm
26	A XI 2	unphased		44mm	56mm
110	A XIV 22	unphased		69mm	27mm
49	AA I 4	unphased		54mm	58mm
				67mm	39mm
228	E II 5	phase XIII	after AD 353	66mm	34mm

132 L-shaped hinge staples with rectangular-sectioned shank and upstanding arm, from a window shutter hinge.

FE No	Context	Phase	Phase date	Length	
				shank	arm
37	A IX 24	unphased		62mm	34mm
23	A XI 2	unphased		54mm	33mm

PNings

- 133 Right angled strap with a rolled loop terminal. Encrusted heavily. Length 70/45mm, width 20mm. (FE 289B, G IA 59, phase VII+, late 4th century)

Wall-hook

- 134 Rectangular-sectioned shank bent into a U-shape, probably a broken wall-hook. Flaking. Length 78mm. (FE 18, A IX 1A, unphased)

Ring-headed pins

- 135 Small example with ring terminal and square-sectioned shank tapering to a pointed tip. Flaking. Length 50mm, head diam 19mm. (FE 82, AA I 1, unphased)
- 136 Remains of a ring terminal with curving square-sectioned shank tapering to a pointed tip. In radiograph head appears to be formed from corrosion products only. Flaking. Length 109mm, head diam 18mm. (AA I 1, unphased)
- 137 Curled looped ring terminal with square-sectioned shank tapering to a pointed tip. Flaking. Length 125mm, head diam 22mm. (FE 151, C IIIB 1, unphased)
- 138 Rolled loop terminal and round-sectioned stem tapering to a pointed tip. Flaking. Length 108mm, head diam 16mm. (FE 221A, G IA 1A, unphased)

Split spiked-loops

139 Small split spiked-loop with clenched arm, articulating with a small S-shaped hook of square-section. Length 40mm, diam 14mm, hook length 29mm. (FE 262, F I 5, phase XIII, after AD 353)

140	FE No	Context	Phase	Phase date	
	103	AA II 1	unphased		Length 36mm; diam 23mm
	92	AA III 8	phase VI	late 3rd- early 4th century	Length 54mm; diam 14mm
	123	C I 3	unphased		Length 50mm; diam 29mm
	116	C VI 7	phase VIIIA	early-mid 4th cent- ury on	Length 74mm; diam 30mm
	299	D I T/S	unstratified?		Length 95mm; diam 27mm
	347	D II 39	unphased		Length 62mm; diam 22mm
	346	D II 40	unphased		Length 52mm; diam 20mm
	195	G IA 7	phase VI?	late 4th century?	Length 64mm; diam 21mm
	319	G IV 12	phase V	later 4th century	Length 72mm; diam 17mm
	312	G IV 21	phase VI	later 4th century	Length 66mm; diam 16mm

Joiner's dogs, large

141	FE No	Context	Phase	Phase date	
	2	A V 1	unphased		Length 133mm; arm 41mm
	6	A V 3	phase VI	late 3rd- early 4th century	Length 135mm; arm 42mm
	122	AA I 17	phase VI	late 3rd- early 4th century	Length 155mm; arm 43mm

Joiner's dogs, standard, short armed

142	FE No	Context	Phase	Phase date	
	30A	A XI 2	unphased		Length 70mm; arm 27mm
	426	A XIV 4	unphased		Length 49mm; arm 13mm
	153	C IIIA 33	unphased		Length 48mm; arm 22mm
	423	D I 87	phase V	early to mid-4th century?	Length 59mm; arm 15mm
	415B	L III 10	phase IV	late Roman/modern	Length 57mm; arm 12mm

Joiner's dogs, wide-bodied

143	FE No	Context	Phase	Phase date	
	33	A IX 6	unphased		Length 38mm; arm 39mm
	420A	A IX 21	unphased		Length 40mm; arm 25mm
	418	C VIA 19	phase IX	mid-4th century on	Length 49mm; arm 17mm
	331	D II 24A	unphased		Length 42mm; arm 45mm
	318	D II 28	unphased		Length 47mm

Cramps

144 Tine probably broken from a cramp. Flaking. Length 67mm, width 27mm. (FE 95, AA II 2, unphased)

145 Fragment of strap with gently curving profile and a round-sectioned upstanding arm at one end, broken at the other. Flaking. Length 54mm, width 21mm, arm length 28mm. (FE 147, C VIA 20, unphased)

146 Strap with upstanding tine at one end, broken off at the other. Erupted, flaking. Length 112mm, width 27mm. (FE 227, D I Topsoil, unclassified)

Cramps, three-tined

147 Curved cramp of rectangular section with a short upstanding tine in the centre and at each end. Flaking. Length 81mm, arm height 16mm. (FE 417, A XIV 2, unphased)

148 As 147 above. Flaking. Length 40mm, arm height 11mm. (FE 210B, D I 34, phase VI, mid- to late 4th century?)

U-shaped staples

149	FE No	Context	Phase	Phase date	
	131	AA IIIA 3	unphased		Width 27mm, arm L 50mm
	425	C III 1	unphased		Width 38mm, arm L 48mm
	234A	D I 36	phase VI	mid- to late 4th century?	Width 27mm, arm L 41mm
	223A	D I 40	phase V	early to mid-4th century	Width 31mm, arm L 32mm
	393	F I 92	phase VII	3rd century?	Width 23mm; arm L 31mm
	390	K I 26	unphased		Width 20mm; arm L 82mm

T-staple

150 Gently curving rectangular-sectioned strip with a projecting arm or tine, all ends are flaked and likely to be broken. There is no reason to think this anything other than a small T-staple. Flaking. Length 48mm, width 9mm, arm length 44mm. (FE 355, E VII 1, unphased)

Nails

151 Types: 1-4 after Manning (1985, 134-5); all shanks with a square or rectangular section.

1a domed head of rounded or angular shape

1b flat head as above

2 triangular head of rectangular section in same plane as

the shank.

3 small T-shaped head of rectangular section

4 small L-shaped head of rectangular section

Area	Nail Type						TOTAL	
	1a	1b	2	3	4	shanks		
A	8	534	3	14	2	224	785	
B	2	37	-	-	-	23	62	
C	2	168	1	4	-	159	334	
D	5	336	1	1	3	186	532	
E	-	37	-	3	-	31	71	
F	-	51	1	2	-	9	63	
G	2	108	2	1	-	21	134	
H	-	9	-	1	-	1	11	
J	-	-	-	-	-	1	1	
L	2	20	-	-	-	4	26	
TOT	21	1300	8	26	5	12	659	2019

7Stud heads

152 Small circular domed head, likely to be a stud head but with no indication of a shank. Flaking. Diam 28mm, height 8mm. (FE 145, CIIID 1, unphased)

153 As 152 above. Flaking. Diam 30mm, height 10mm. (FE 223B, D I 40, phase V, early to mid-4th century)

154 As 152, possible shank seating visible in radiograph. Encrusted, flaking. Diam 29mm, height 10mm. (FE 221B, G IA 1A, unphased)

Miscellaneous

Chains and links

- 155 Two articulating figure-of-eight chain links of round section. Flaking. Link length 70mm, width 25mm. (FE 166A, D I Topsoil, unstratified)
- 156 Three S-shaped articulating chain links. Flaking. Link length 35mm, width 15mm. (FE 332, D III 2, unphased)
- 157 Broken oval link of round section. Flaking. Length 78mm, width 26mm. (FE 84, B I U/S, unstratified)
- 158 Large oval link of round section. Flaking. Diam 84mm, arm diam 5mm. (FE 279, F I 5, phase XIII, after AD 353)
- 159 Curving stem with pointed terminals and lozenge-shaped section. Probably a broken link. Flaking. Length 47mm, arm width 3mm. (FE 264, G IV 2, phase V, later 4th century)

Rings, round-sectioned

160	FE No	Context	Phase	Phase date
	80	AA III 1	unphased	diam 49mm
	74	B I 3	phase II	Antonine- 3rd century diam 35mm
	98	C I 1C	unphased	diam 37mm
	322	D I 208	phase VIII	late 4th century diam 63mm
	196	G I 24	phase IX?	late 4th century diam 50mm

Rings, square-sectioned

161	FE No	Context	Phase	Phase date
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107 A XIV 2 unphased diam 54mm

Rings, rectangular-sectioned

162 Four rings, diam 43mm, diam 55mm, diam 25mm, diam 37mm. (FE 364, E VII 1, unphased)

Ring fragment, section unknown

163 Diam 30mm. (FE 29, A XI 2, unphased)

Hooks

See also split spiked-loop 139 above.

164 Square-sectioned hook with curled loop terminal. Flaking. Length 80mm, hook width 30mm, terminal diam 18mm. (FE 99, AA II 13, phase III, 3rd century)

165 Slender round-sectioned hook with flat square-headed terminal. Flaking. Length 120mm, hook width 31mm, head width 13mm. (FE 81, B IV U/S, unstratified)

166 S-shaped butcher's hook with square-section, one end broken. Flaking. Length 74mm, hook width 39mm. (FE 261, H II 6A, phase III, Antonine-3rd century on)

Angle brackets

167 Angle bracket with plano-convex sectioned arms, flattening and expanding at the angle. Flaking. Length 81mm, arm width 12mm, max width 27mm. (FE 164, A XVIIB 5, unphased)

168 Rectangular-sectioned clenched strip, one arm tapering. Encrusted, flaking. Length 58/65mm, width 20mm. (FE 386B, L I 7, unphased)

Nailed binding fragments

169	FE No	Context	Phase	Phase date
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47	A XII 12	unphased		length 43mm width 29mm
136	A XVI 1	unphased		length 72mm width 30mm
164	A XVI 1	unphased		length 44mm width 21mm
104	AA I 18	phase VII	late 3rd- early 4th century	length 63mm width 22mm
70	B III 7	unphased		length 56mm width 30mm
152A	C II 1A	unphased		length 62mm width 28mm
166B	D I T/S	unstratified		length 71mm width 41mm
187A	D I 2A	phase VIII	late 4th century	2 fragments encrusted
394	D I 176	unphased		length 30mm width 34mm
205	F I 2	unstratified		length 105mm width 29mm
215	G I 32	phase X	late 4th century	length 39mm width 33mm
243	H II 4A	phase III	Antonine- 3rd century on	length 69mm width 40mm
241A	H II 39	unphased		length 57mm width 24mm length 20mm width 25mm

Sheet, nailed fragments

170	FE No	Context	Phase	Phase date	
	45	AA I 11	phase IX	mid-4th century	length 26mm

Sheet fragments

171	FE No	Context	Phase	Phase date	
	48	A II 2	unphased		length 20mm
	130	AA II 79	phase II	late 2nd- early 3rd century	length 80mm
	133B	AA II 122	phase V	later 3rd	

83	AA III 7	phase IX	century on mid-4th length 70mm century
114	AA III 51	phase V	later 3rd length 34mm flanged century on
233	D I 69	phase IV	late 3rd heavily encrusted century?
366	E VII 1	unphased	length 21mm
247	H II 2	unphased	

Strap fragments

172	FE No	Context	Phase	Phase date
168	A XVIIB 4	unphased		length 51mm width 30mm
59	AA I 11	phase IX		mid-4th length 63mm width 27mm century
77	AA I 16	phase VII		late 3rd- length 50mm width 30mm early 4th century
71	AA II 8	unphased		length 47mm width 22mm
109	AA II 23	unphased		length 50mm width 20mm
424A	C II 1A	unphased		length 87mm width 18mm
140	C VI 4	phase IX		mid-4th length 74mm width 35mm century on
202A	D I 5	phase VI?		mid- to length 95mm width 29mm late 4th century?
202B	D I 5	phase VI?		mid- to length 231mm width 18mm late 4th century?
422A	D I 173	phase II		later 2nd- early 3rd century?
354	D II 52	phase VIII		late 4th length 64mm width 12mm century

207	G I 24	phase IX+	late 4th century	length 51mm width 26mm
229	G I 61	phase VI	late 4th century	length 55mm
387	L I 16	phase II	late 2nd century on	length 132mm width 12mm
402	N III 14	phase II	late 2nd-early 3rd century on	length 85mm width 17mm

Strip fragments

173	FE No	Context	Phase	Phase date	
	17	A IX 1A	unphased		length 65mm width 21mm
	32	A IX 21	unphased		length 43mm width 15mm
	30C	A XI 2	unphased		
	69	AA I 18	phase VII	late 3rd-early 4th century	length 79mm width 6mm
	76	AA II 1	unphased		length 57/30mm width 11mm
	120	AA II 1	unphased		length 46mm width 10mm
	60	AA II 7	unphased		length 60mm width 13mm
	112	AA III 38	unphased		length 57mm width 16mm
	416	A XVI 9	unphased		length 79mm width 10mm
	50	B I U/S	unstratified		length 95mm width 20mm
	93	B I 15	phase II	Antonine-3rd century	length 65mm width 13mm
	96	C I 19	unphased		length 60mm width 13mm
	141	C VI 4	phase IX	mid-4th century on	length 92mm width 15mm
	146	C VIA 52	phase IX	mid-4th century on	length 83mm width 18mm
	231B	D I T/S	unstratified		length 133mm width 15mm
	167	D I 1A	unphased		length 84mm width 12mm

209	D I 1A	unphased		length 56mm width 12mm
157	D I 2	phase VIII	late 4th century	length 79mm width 12mm
171	D I 2	phase VIII	late 4th century	length 50mm width 20mm
210D	D I 34	phase VI	mid- to late 4th century?	length 61mm width 14mm length 35mm width 9mm
214A	D I 34	phase VI	mid- to late 4th century?	length 37mm
211A	D I 36	phase VI	mid- to late 4th century?	length 40mm width 15mm
306	E I 173	phase II	later 2nd century?	length 40mm width 16mm
344	D II 24	unphased		
376	D II 93	phase VIII	late 4th century	length 86mm width 8mm
341	D IV 4	unphased		length 59mm width 11mm length 28mm width 12mm
287	F I T/S	unstratified		length 57mm width 12mm
191	G I 24	phase IX+	late 4th century	length 89mm width 8mm
194	G I 24	phase IX+	late 4th century	length 59mm width 8mm
316	G IA 63	phase V	later 4th century	length 45mm width 15mm length 30mm width 13mm
333	G II 18	phase V	later 4th century	length 72mm width 17mm length 35mm width 16mm
338	G III 7	unphased		length 68mm width 19mm
345B	G IV 25	phase IV	early to mid-4th century	length 65mm width 15mm

348B	G IV 25	phase IV	early to mid-4th century
367	G V 6A	phase X	late 4th century length 29mm width 12mm

Stem fragment

174	FE No	Context	Phase	Phase date
	163	C VI 24	phase VII	early to mid-4th century length 124mm diam 10mm

Wire fragments

175	FE No	Context	Phase	Phase date
	94	B X 5	unphased	diam 5mm
	199	G IA 32	unphased	length 79mm diam 3mm
	241B	H II 39	unphased	length 117mm diam 3mm

(All Post-Roman.)

Hooked terminals

- 176 Looped strip constricting into a rectangular section at one end, the other end is broken. Flaking. Length 49mm, width 13mm, head diam 25mm. (FE 162, C VI 24, phase VII, early to mid-4th century)
- 177 Square-sectioned shank with hooked terminal. Flaking. Length 126mm. (FE 231C, D I Topsoil, unstratified)
- 178 Curving rectangular-sectioned shank with a hooked loop terminal. Flaking. Length 63mm, head diam 17mm. (FE 206, D II 2, phase IX, late 4th century)

Pierced shanks

- 179 Rectangular-sectioned strip tapering from a straight end to a pointed tip. Straight end is centrally-pierced by a round hole. Flaking. Length 71mm, max width 20mm. (FE 203, D I 34, phase VI, mid- to late 4th century)
- 180 Heavy rectangular-sectioned bar with a straight end tapering slightly to a shoulder from which a broken rectangular-sectioned shank or tang projects. Straight end pierced by a large round hole. Flaking. Length 115mm, max width 19mm. (FE 361, E VII 1, unphased)
- 181 Square-sectioned tang tapering to a pointed tip, flattening at the other end into a broken flat strap centrally pierced by a round hole. Flaking. Length 125mm, max width 27mm. (FE 257, G IV 1, unphased)

Bar fragments

182	FE No	Context	Phase	Phase date
	27	A XI 2	unphased	length 273mm width 18mm length 255mm width 19mm
	224	D II 15	phase VIII	late 4th century length 60mm width 15mm
	248	H II 61	unphased	length 149mm width 16mm

Miscellaneous objects

- 183 Strap fragment pierced by four closely spaced round nail holes. Flaking. Length 64mm, width 25mm. (FE 420B, A IX 21, unphased)
- 184 Cruciform fragment of square-section with four broken arms, in radiograph it appears to have a non-ferrous plating. Flaking. Length 47mm, max arm width 6mm. (FE 56, AA II 2, unphased)
- 185 Rectangular-sectioned strip fragment assuming a serpentine S-shape at one end. Flaking. Length 53mm, width 10mm. (FE 111, AA III 1, unphased)

- 186 Square-sectioned shank flattening and expanding into a triangular shape at one end, both ends are broken. Flaking. Length 66mm, max width 20mm. (FE 413, AA III 32, phase II, late 2nd to mid-3rd century)
- 187 Flat-sectioned disc, possibly a coin but no detail visible in radiograph. Encrusted. Diam 27mm, thickness 3mm. (FE 134, C I 12, unphased)
- 188 Notched rectangular object of rectangular-section. Flaking. Length 42mm, width 16mm. (FE 204B, D I 2A, phase VIII, late 4th century)
- 189 Two strip fragments with sinuous profile and hooked terminals. Flaking, encrusted. Length 56mm, width 11mm; length 50mm, width 8mm. (FE 244, D I 87, phase V, early to mid-4th century?)
- 190 Curving fragment of plano-convex section with a flat-sectioned upstanding tine at one end. No edge discernible. Flaking. Length 51mm, width 28mm, height 62mm. (FE 313, F III 16, phase II, 1st century)

Fragments

191	FE No	Context	Phase	Phase date	
	1	A I 2	unphased		
	420C	A IX 21	unphased		
	61	AA I 12	unphased		
	65	AA I 18	phase VII	late 3rd-early 4th century	
	57B	AA II 2	unphased		
	78	AA II 2	unphased		
	421	AA II 2	unphased		
	119B	AA II 51	phase VI	early to mid-4th century	
	63	B I 4	phase II	Antonine-3rd century	plated
	152B	C II 1A	unphased		

424B	C II 1A	unphased	
142	C VI 4	phase IX	mid-4th century on
149	C VIA 12	phase IX	mid-4th century on
412	C VIA 19	phase IX	mid-4th century on
148	C VIA 26	phase VI	early to mid-4th century
204C	D I 2A	phase VIII	late 4th century
202A	D I 5	phase VI?	mid- to late 4th century? plated
210E	D I 34	phase VI	mid- to late 4th century?
214B	D I 34	phase VI	mid- to late 4th century?
211C	D I 36	phase VI	mid- to late 4th century?
234B	D I 36	phase VI	mid- to late 4th century?
213B	D I 40	phase V	early to mid-4th century?
223C	D I 40	phase V	early to mid-4th century?
252	D I 87	phase V	early to mid-4th century?
422B	D I 173	phase II	later 2nd-early 3rd century?
281A	F I 5	phase XIII	after AD 353
232	G I 56	phase V	later 4th century
296C	G I 106	phase IV	early to mid-4th century

Iron slag

Gerry McDonnell

Introduction

[xxxxx] A total of 25.7kg of iron working slag was available for study. The samples were selected on a 'judgement' basis, from contexts which contained significant quantities or were associated with iron working on site D.

Slag classification

The slags were visually examined and the classification is based solely on morphology. In general slags can be divided into two broad groups. The first group is the diagnostic slags which can be attributed to a particular industrial process. These comprise the iron working slags, ie smelting or smithing slags. The second group, the non-diagnostic slags cannot be attributed to a particular process, either because they may be generated by non-industrial processes, eg fuel ash slag, or because they could have been generated by a number of different processes but show no diagnostic characteristic that can identify the process, eg hearth or furnace lining. In many cases the non-diagnostic residues may be ascribed to a particular process through archaeological association.

The results of the examination show that there was no evidence for iron smelting in the Birch Abbey area.

The residue classifications are defined below.

Diagnostic ferrous slags and residues

Smithing slag (SSL) - randomly shaped pieces of fayalitic slag generated by the smithing process.

Hearth bottom (HB) - Plano-convex accumulation of fayalitic slag formed in the smithing hearth.

Cinder (CIN) - high silica smithing debris, often formed at the reaction zone between the smithing slag and the hearth lining.

Non-diagnostic slags and residues

Hearth lining (HL) - the clay lining of an industrial hearth, furnace or kiln that has vitrified or slag-attacked faces.

Fired clay (FC) - fired clay, no evidence of vitrification.

Cinder (CIN) - a high silica slag that can either be formed as described above or be formed by high temperature fusion between silica and ferruginous material. It can be ascribed to either the non-diagnostic slags or the diagnostic slags depending on its iron content and morphology.

Fuel ash slag (FAS) - a very high silica slag (other oxides normally total less than about 5-10%). It is thought to form by the reaction/fusing of the ash present in the fuel at high temperatures.

Other material which normally comprises fragments of fuel or slagged pebbles etc.

Slag distribution

Table M15 lists the distribution of slag samples by site. The results from site AA were distorted by the presence of a single large hearth bottom weighing 3.707kg.

Table M15 Slag distribution by site (weight in kg)

Site	SSL	HB	CIN	FAS	HL	FC	Other
A	0.700	0.810	0.100	-	0.085	0.030	-
AA	1.440	4.932	0.050	-	0.460	-	0.002
B	0.230	0.220	-	-	0.090	-	-
B5	0.030	-	-	-	-	-	-
C	1.800	1.725	0.110	-	0.175	-	0.070
D	2.690	2.670	0.210	-	1.155	-	-
E	-	0.200	-	-	-	-	-
F	0.040	-	-	-	-	-	-
G	0.735	0.465	0.015	0.065	-	-	0.070
H	1.730	0.805	0.080	-	0.170	-	-
L	-	-	-	-	0.090	-	-
TOTAL	9.500	11.947	0.750	0.065	2.290	0.030	0.142

Evidence from site D

The main concentration of slag was in trench I on site D (table M16) (but note that only a sample was retained. It was associated with two structures in phases V and VI (features 3 and 4) which are the possible bases of smiths' hearths (see Part 1, figs 50-52). Since few definite Roman smith's hearths have been excavated, and none recently, any conclusion must be considered tentative. Also because the excavations were carried out in the 1960s no sampling was carried out for hammer scale etc that could have confirmed or refuted the interpretation. Given the balance of the evidence it is probable that the structures in trench I, site D in phases V and VI are the foundations of a smith's forge and its associated building.

Table M16 Slag distribution on site D

Trench	SSL	HB	CIN	FAS	HL	FC	Other
I	1.655	2.670	0.160	-	0.730	-	-
II	0.645	-	0.020	-	-	-	-
IV	0.390	-	0.030	-	0.425	-	-

Lead objects: full catalogue of Roman and possibly Roman objects (figs 99-100)

Quita Mould

Lead

See also print [xxxxx]

Open lamp

- 1 Shallow, circular bowl of thick sheet with small lip. Hammer marks present on the interior. Calcium deposits present likely to be the result of the burial conditions. Pigment analysis of interior negative. Diam 97mm, length 109mm, height 20mm, weight 656g. (ON 36, D II 20, unphased)

?Weights

- 2 Circular, centrally pierced weight with flat upper and lower face. Sides decorated with a series of transverse mouldings. Diam 23mm, height 11mm, weight 24.21g. (ON 22, D I 100, phase II, later 2nd-early 3rd century?)
- 3 Conical, centrally pierced object with flat base and concave sides. Diam 30mm, height 30mm, weight 85.06g. (ON 31, G IV 17, phase VI, late 4th century)

Caulking

- 4 Circular, flat-sectioned caulking, centrally pierced by an oval hole with an incised annular ring surrounding it. Has an irregular break in one area. Diam 43mm, weight 36.78g. (ON 34, F I U/S, topsoil)

Cramp

- 5 Pottery cramp comprising two parallel strips joined by a shank at each end. Length 47mm, shank length 6mm, max width 10mm, weight 12.12g. (ON 38, D II 29A, unphased)

Stem

- 6 Curving stem of round section, broken at each end, probably a handle fragment. Diam 5mm, length 31mm, weight 5.66g. (OM 6, AA I 3, unphased)

Disc

- 7 Flat disc with slightly raised lip on one face. Diam 22mm, thickness 2mm, weight 6.14g. (OM 4, A XII 1, unphased)

Lid

- 8 Flat sheet fragment with curved edge and a thickened triangular rim, other edges broken. The sheet is flat with no curvature suggesting it is from a flat circular lid. Length 105mm, width 63mm, rim thickness 9mm, diam \approx 128mm, weight 86.50g. (OM 25, G IV 1, topsoil)

Sheet offcut with blade cut edge/s

Small find no	Context	Phase	Date of phase	Weight	
OM 3	A XI 2	unphased		110.94g	chisel cut marks
11	C I 1B	unphased		14.68g	
16	E III 1	topsoil		12.53g	
18	G I 17	VI	late 4th century	175.80g	chisel cut marks
21	E IV 1	topsoil		24.08g	
35	G IV 12	V	later 4th century	15.42g	

Sheet fragments, all edges broken

Small find no	Context	Phase	Date of phase	Weight
OM 5	A XI 2	unphased		40.69g
7	AA I 3	unphased		6.50g
9	AA I 18	phase VII	late 3rd-early 4th century	21.90g

14	C VI 4	IX	mid-4th century on	30.03g
28	F I 2	unstratified		153.63g
30	D I 169	VI	mid- to late 4th century?	9.03g

Molten waste

Small find no	Context	Phase	Date of phase	Weight
ON 1	A IX 6	unphased		53.83g
8	B I U/S	unstratified		30.87g
13	C IIIA 11-3	unphased		85.77g
23	H II 2	unphased		76.77g
26	F I U/S	unstratified		48.33g
27	G I 89	IV	early to mid-4th century	21.85g

Bone and bone objects (figs 101-102)

Worked bone

Glenys Lloyd-Morgan

See also print [xxxxx].

Bead

- 1 Biconical bead, turned and decorated with incised lines grouped at either end, leaving the wider central area unornamented. Length 19.1mm, max diam 6.8mm. (BO 67, D II 24, unphased)

Compare the larger cylindrical jet bead which has been turned to give the suggestion of segments grouped at each end with a wider plain band in the centre, found at Butt Road, Colchester 1976-9 from a context dated \pm AD 320-450 (Crummy 1983, 34, no 1370, fig 36). Note also the biconical glass beads with banded decoration dated by Guido to the 3rd and 4th centuries onwards, which could also be related (1978, 98, fig 37, no 15).

Pins and needles

- 2 Incomplete pin with low conical head, tip and lower part of shaft lost. Length 42.7mm, max diam at head 6.1mm. (BO 6B, AA I 2, unphased)

Crummy Type 1 pin dated \pm AD 70-200/250 (1979, 159-160, fig 1, no 1). Four examples are reported from Dover in a context dated to \pm AD 190/200-208. Compare also the examples from Warwickshire, including Alcester, Bleachfield Street 1976-7 no 362, 475; ALC 72 45; and Tiddington TD 81 784.

- 3 As above, crudely worked, the tip and lower part of the shaft lost. Length 47mm, max diam shaft 4.9-5.5mm. (BO 65, G IA, unphased)
- 4 As above but with the head cut into so low a cone that it is virtually flat. In two adjoining pieces but complete. Length 117mm, max diam shaft 6.3mm. (BO 14, AA I 29, phase IX, mid-4th century)
- 5 As above, complete and with straight sides. Length \pm 65mm, max diam shaft \pm 6mm. (BO 48, G II 3, phase V, later 4th century)

- 6 Probably a Type I pin with a rough, angular cross-section, head crudely finished into a conoid. Length 106.2mm, max cross-section 3.2mm x 5mm. (BO 97, G II 12, phase V, later 4th century)
- 7 Crude version of a Type I pin, tip and lower part of the shaft missing. Present length 52.6mm, max diam shaft c. 4mm. (BO 117, AA II 2, unphased)
- 8 Complete pin, with flat head and slight bevelling around the edge. Probably Crummy Type 1. Length 92.8mm, max diam shaft 7.2-7.7mm. (BO 8A, AA I 2, unphased)

Compare the similar, roughly shaped head of Tiddington N731.

- 9 Pin, the head virtually flat, tip and lower part of the shaft lost. Present length 60.4mm, max diam shaft 5-5.8mm. (BO 54, G I 24A)

Compare the example from Dover from a context dated to AD 130/140-155 (Philp 1981, 157, fig 36, no 152; also no 153); and two examples from Lincolnshire, one from Old Winteringham dated 3rd or 4th century; the other from an Antonine context at Winterton (Stead 1976, 207, fig 106, no 71 and fig 107, no 92); also the pin from Tiddington no M717.

- 10 Pin similar to above, with roughly formed flat head. Tip and lower part of the shaft lost. Present length 67.5mm, max diam shaft 6mm. (BO 50, G II 5, unphased)
- 11 As above but the head may have been recut after a break? Tip and lower part of shaft lost. Present length 60.1mm, max diam shaft 4.8-5.3mm. (BO 53, D I 34, phase VI, mid- to late 4th century?)
- 12 Pin with slight, conical head and two incised grooves beneath to suggest a collar. Tip and lower part of shaft lost. Length 68.2mm, max diam shaft 3.1-3.6mm. (BO 23, AA II 16, phase V, later 3rd century on)

Crummy Type 2 pin dated c AD 50-200/250 (1979, 160, fig 1, no 2). Compare the examples from Rosemary Lane, Canterbury, with the second example coming from a late 2nd-century pit (Bennett *et al* 1982, 181, fig 94, nos 81, 87, discussion p 41); also the examples from Alcester, Bleachfield Street 1976-7, nos 397, 522, 524; ALC 1969 77; and Tiddington TD 81 805 and the related N715, N 716, N721.

- 13 As above, in two adjoining pieces but complete. Length 102.7mm, max diam shaft 3.5mm. (BO 24, AA II 2, unphased)
- 14 As above, but more crudely made with a roughly ovoid cross-section. Tip and lower part of shaft lost. Present length 62mm, max cross-section 2.5mm x 3.2mm. (BO 25, AA I 30, phase VI, late 3rd-early 4th century)
- 15 As above, but tip and much of shaft lost. Present length 50.3mm, max diam shaft 3.4mm. (BO 49, G IA 6, phase IX, late 4th century)
- 16 As above but with rather angular cross-section; incomplete, tip and much of shaft lost. Present length 34.5mm, max cross-section shaft 3.4mm x 4.0mm. (BO 71, G I 89, phase IV, early to mid-4th century)
- 17 As above, tip and much of shaft lost. Present length 35.8mm, max diam shaft 3.3mm. (BO 83, J II 26, unphased)
- 18 As above, tip and much of shaft lost. Present length 51.2mm, max diam shaft 3.4mm. (BO 80, E II 33, phase IV, Hadrianic-Antonine)
- 19 As above but with one well-defined and two slightly incised grooves beneath the tiny subspherical head, giving the effect of two collars. The tip and lower part of the shaft are lost. Present length 58.2mm max diam shaft 3.3mm. (BO 63, D I 112, phase IV, late 3rd century)

Note also a fragment of shaft which may belong to this pin.

Length 20.7mm

- 20 As above but with conical head and four grooves below it giving an effect of three collars. The tip and lower part of the shaft are lost. Length 42.6mm, max diam shaft 3.7mm. (BO 34, A XVI 17, unphased)
- 21 Possibly a crude version of a Type 2 pin. The upper part of the shaft and angular head are decorated with heavy hatching. The well-defined collar in between has been left undecorated. The tip and much of the shaft are lost. Present length 47.7mm, max diam head 5.3mm. (BO 51, G I 24, phase IX+, late 4th century)
- 22 Pin with subspherical head; the tip and part of the shaft are lost. Present length 70.7mm, diam head 12.7-13.7mm. (BO 1, A XI 2, unphased)

Crummy Type 3 pin dated to c 200 - late 4th/early 5th century (1979, 161, fig 1 no 3). An example from Wadhan House, Dorchester,

Dorset came from a context dated early 4th century (Draper and Chaplin 1982, 24, fig 12, no 5); another from Yarulamium from a context dated AD 275-300 (Frere 1984, 73, fig 31, no 276). The type is well represented at Alcester with nineteen pieces from Bleaschfield Street 1976-7; ALC 1969 13; ALC 1972 46; and Tiddington with six pieces from earlier excavations with TD 80 5 and TD 81 880.

- 23 As above, tip and most of shaft lost. Present length 27.2mm, diam head 5.1-5.5mm. (BO 6, A XI 7, unphased)
- 24 As above, but in two adjoining pieces and complete. Length \pm 82mm, diam head 4.3-4.6mm. (BO 11, AA I 18, phase VII, late 3rd-early 4th century)
- 25 As above but a fragment with only part of the spherical head and upper part of the shaft. Length 17.9mm, diam head 5.3mm. (BO 12, AA III 7, phase IX, mid-4th century)
- 26 As above, but the pin seems to have broken and the surviving head section given a fresh point. Present length 37.7mm, diam head 5.6mm-5.8mm. (BO 21, AA III 29, phase IV, later 3rd century on)
- 27 As above, but tip and part of shaft lost. Present length 62mm, diam head 4.9mm. (BO 27, A XVI 1, unphased)
- 28 As above but with ovoid/flattened subspherical head, complete. Length 52.8mm, diam head 6.3-7.4mm. (BO 28, C VI 4, phase IX, mid-4th century on)
- 29 As above with subspherical head; tip and part of shaft lost. Present length 81.2mm, diam head 5.2mm. (BO 39, A XVII 3, unphased)
- 30 As above, complete. Length 93.9mm, diam head 8-8.3mm. (BO 42, D I 29, phase IV, late 3rd century?)
- 31 As above, in three pieces but complete. Length 111mm, diam head 4.6-5.1mm. (BO 60, D I 87, phase V, early to mid-4th century?)
- 32 As above, tip and part of shaft lost. Present length 60.6mm, diam head 4.7-5.3mm. (BO 66, D II 20, unphased)
- 33 As above, but small and crudely worked. Length 53.4mm, diam head 4.5-5.0mm. (BO 68, G IV 1, unphased)
- 34 As above, in two pieces but virtually complete. Length 106mm, diam head 5.7-6.0mm. (BO 81, G IIIA 3, unphased)

- 35 As above; complete though the tip may have been broken and resharpened. Length 77.5mm, diam head 4.0-4.6mm. (BO 93, G V 100, phase VI, late 4th century)
- 36 As above, with well-defined spherical head; tip and part of shaft lost. Present length 63.2mm, diam head 6.5-7.7mm. (BO 94, G V 47, phase IV, early to mid-4th century)
- 37 Possibly a variant of Crummy Type, 3 with the head a small subspherical shape separated by a deep groove from the shaft. Complete. Length 116.2mm, max diam shaft 4.8-5.2mm. (BO 91, G V 5, phase VI, late 4th century)
- 38 Similar to no 37 above but incomplete, the tip and most of the shaft has been lost and the remaining section has been split in half, only one piece of which has survived. Present length 15.8mm, max diam shaft 4.4mm. (BO 84, E V 9, phase XIII, after AD 353)
- 39 Pin with ovoid head and a well-defined collar flaring out below. The tip and part of the shaft are lost. Present length 73.7mm, max diam head 4.3-4.7mm. (BO 18, A XIV 2, unphased)

Crummy Type 5 pin dated c AD 250 - late 4th/early 5th century. Compare the similar examples from Gestingthorpe, Essex (Draper *et al* 1985, 68, fig 32, no 366-369); and another from Verulamium from a context dated AD 300-370 (Frere 1984, 71, fig 30, no 270). Other examples have been found at Bleachfield Street, Alcester 1976 17, 52, 73, 139, 177, 185, 372.

- 40 As above but incomplete as tip and lower part of shaft are lost. Present length 61mm, max diam head 5.3-5.5mm. (BO 37, C VI 79, phase IV, later 3rd century on)
- 41 Type 5 pin with a tiny conical head and four well defined collars beneath it. Complete. Length 87.2mm, max diam head 5.7mm. (BO 78, G IV 23, phase VI, late 4th century)
- 42 Upper section only of a pin with cylindrical head, decorated with two incised grooves. The tip and most of the shaft is lost. Present length 30mm, diam head c 7mm. (BO 5, A V 4, phase VIII, early to mid-4th century)

A pin of Crummy Type 6, dated AD 200 - late 4th/early 5th century (1979, 162, fig 1, no 8). Compare the related example from Winterton

dated 3rd or 4th century (Stead 1976, 207, fig 107, no 85); and from Nettleton (Wedlake 1982, 201, fig 82, no 26); also the slightly damaged piece from Bleachfield Street, Alcester 1976-7 184.

- 43 Upper section only of a pin, the head having a subrectangular cross-section and a cone-shaped terminal. Between this and the lower collar the mid-section of the head is decorated with two crudely incised spirals. Present length 29.3mm, max cross-section of head 5.5mm x 7.1mm. (BO 40, D I 2, phase VIII, late 4th century)

This may be a variant of a Type 6 pin. Compare the pin from Old Winteringham dated 3rd or 4th (Stead 1976, 207, fig 106, no 68); and a similar piece from Wroxeter (Bushe-Fox 1914, 22, pl X, fig 2, 6th from left); and the better finished, related example from Alcester, ALC 72 46.

- 44 Complete pin with large conical head with eight irregularly spaced incised lines running from base to tip. Length 107.3mm, diam head \leq 6mm. (BO 96, L III 10, phase IV, late Roman/modern)

A related unpublished piece was found during excavations at Doncaster SF no DT/KK 81.

- 45 Conical head of ?pin; broken off, and slightly trimmed at edge. Length 31.3mm, max diam 8mm. (BO 31, C VIA 14, phase IX, mid-4th century on)
- 46 Tip and most of shaft of pin. Length 65.7mm. (BO 9, AA I 11, phase IX, mid-4th century)
- 47 Shaft of pin or other implement, one end broken, the other roughly finished. Length 53.9mm. (BO 35, C II 21, unphased)
- 48 Shaft of pin, incomplete and slightly tapering at both ends. Length 51.2mm. (BO 46, G I 24, phase IX, late 4th century)
- 49 As above. Length 63.3mm. (BO 55, D I 71, phase V, early to mid-4th century?)
- 50 Crudely cut pin or possibly a roughout, slightly tapered towards one end. Length 62.6mm, max diam shaft \leq 6.7mm x 4.6mm. (BO 75, E IV 40, phase V, late 2nd century?)
- 51 Crudely cut possible rough out for pin, slightly tapered but broken at both ends. Present length 56.4mm, max diam shaft 4.4-5.0mm. (BO 102, N III 13, phase III, mid-4th century)

- 52 Needle, crudely finished with a roughly conical shaped head, pierced with a narrow circular eye near the upper end of the shaft at approximately its greatest diameter. Tip a little damaged? Length 68.4mm, max diam shaft 4mm. (BO 38, A XXIIA 4, unphased)

Compare the similar pieces from South Shields (Allason-Jones and Miket 1984, 67, no 2.275; 2.277; 2.281; 2.282 with figs); also the example from Alcester ALC 69 88.

- 53 Similar to no 52 above, but the tip and part of shaft are lost. Present length 51.6mm, max diam shaft 4.3-5mm. (BO 2, A IX 10, unphased)
- 54 Upper portion of bone needle or implement with roughly oval eyelet within the expanded head. Present length 40mm. (BO 100, K I 26, medieval)
- 55 Needle or bodkin, tip lost. Most of the shaft has a circular cross-section which flattens out to a rectangular cross-section in the upper part, where it is pierced by a rectangular eye. Length 112.2mm, (BO 56, D I 36, phase VI, mid- to late 4th century?)
- One example from Colchester was found in a pit in Balkerne Lane dated \pm AD 150- \pm 250 (Crummy 1983, 67, no 1982, fig 70). Other examples are reported from South Shields (Allason-Jones and Miket 1984, 65, no 2.268, 2.269 and figs; compare also 67, no 2.270; 2.271; 2.272 with figs) and from Alcester, ALC 72 42.
- 56 Needle similar to the above with the head broken off just at or below the rectangular-shaped eyelet. The tip and lower part of the shaft are lost. Length 54mm. (BO 45, D I 36, phase VI, mid- to late 4th century?)
- 57 Needle, similar to above, broken across the rectangular shaped eyelet, the tip is a little damaged. Present length 94.1mm. (BO 62, D I 87, phase V, early to mid-4th century?)
- 58 Needle or bodkin, with angular cross-section, and subrectangular eyelet. The tip and lower part of the shaft are lost. Present length 80.5mm, max cross-section shaft 6.6mm x 3.4mm. (BO 98, K I 26, unphased)
- 59 Shaft of crude bone pin or needle tapering to a rough point, incomplete. Length 57.3mm. (BO 4, A IX 21, unphased)

- 60 Fragment of shaft of pin or needle. Length 35.4mm. (BO 15, AA II U/S, unphased)
- 61 (i) Fragment of shaft of pin or needle. Length 23mm.
(ii) part of shaft of pin, tapering slightly at both ends. Does not belong with (i) above. Length 39.5mm.
(BO 17, AA III 8, phase VI, late 3rd-early 4th century)
- 62 Fragment of shaft of fine pin or needle tapering towards each end. Length 45mm. (BO 19, AA III 11, phase VIII, early to mid-4th century)
- 63 Crudely made pin or needle, upper section lost or damaged. Length 90.7mm. (BO 20, AA II 2, unphased)
- 64 Fragment of tip and shaft of pin or needle. Length 55.2mm. (BO 22, AA II 39, unphased)
- 65 Fragment of shaft and tip of pin or needle. Length 54.8mm. (BO 36, C IIIA 7, unphased)
- 66 Fragment of shaft of pin or needle, tapering slightly towards one end. Length 48mm. (BO 47, G I 7, phase IX, late 4th century)
- 67 Fragment of shaft of pin or needle. Length 48.8mm. (BO 57, D I 71, phase V, early to mid-4th century?)
- 68 Fragment of shaft of pin or needle, tapering slightly at one end. Length 52.6mm. (BO 58, D I 71, phase V, early to mid-4th century?)
- 69 Fragment of shaft of pin or needle. Length 43.2mm. (BO 59, G I 62, unphased)
- 70 Fragment of lower part of shaft of pin or needle, tapering at one end. Length 44.4mm. (BO 61, D I 87, phase V, early to mid-4th century?)
- 71 Fragment of shaft of pin or needle. Length 32.2mm. (BO 74, J I 1, unphased)
- 72 Tip and part of shaft of pin or needle. Length 54.3mm. (BO 76, G IV 12, phase V, later 4th century)
- 73 Two adjoining fragments of shaft of pin or needle. Length 22.8mm. (BO 87, J II 2, unphased)
- 74 Tip and part of shaft of pin or needle. Length 44.3mm. (BO 92, G II 25, phase V, later 4th century)
- 75 Tip and part of shaft of pin or needle. Length 59.5mm. (BO 95, L III 1, unphased)

Textile manufacture

- 76 Triangular bone weaving tablet, broken across one hole with the loss of most of one corner, made from a fragment of animal scapula with irregular cross-section, undecorated. Present size 46.3mm x 35.3mm, original height \pm 43mm, thickness \pm 1.8-3.6mm. (BO 72, F I 5, phase XIII, after phase 353)

The use of sets of weaving tablets for making braid and, in conjunction with a loom, to make a firm border or edging to lengths of cloth is discussed by Wild (1970, 73-4, table O) who lists the finds then known from Roman Britain and the Rhineland; fig 63 is a triangular tablet from London). A number of further pieces have been found in Britain. One damaged example from Lion Walk, Colchester was dated \pm AD 150-400 (Crummy 1983, 67-8, fig 72, no 2006), a piece slightly smaller than ours from Verulamium was in a context dated AD 360-70 (Frere 1972, 150, fig 55, no 204), and two others from Caerleon were found in the drain of the Legionary Baths in the upper sediment level dated to \pm AD 160-230 (Zienkiewicz 1986, 207, no 12, 13, fig 73).

Spoons

- 77 Spoon with most of the circular bowl missing, and the end of the handle lost. The handle continues into the bowl as a 'rat tail'. Present length 86mm, present width bowl 23.3mm, original diam \pm 25mm or more. (BO 10, AA II 8, unphased)

This form of spoon is dated to the 1st century AD when it is made in silver or copper alloy (Strong 1966, 155, fig 32), and it seems highly likely that this skeuomorph in worked bone should also have a similar date, perhaps extending into the early 2nd century. Compare the examples in copper alloy from Birch Abbey nos 114-117. Spoons of this type are not uncommon. Four pieces were reported from Verulamium coming from a wide range of dated contexts (Frere 1984, 73, fig 31, no 282 from context dated AD 80-120; no 283 from context dated AD 270-310. Two other pieces were listed but not illustrated and came from contexts dated AD 180-220; and AD 145-50). Another piece from

Neatham, Hampshire came from a layer dated late 2nd to early 3rd century (Millett and Graham 1986, 127, fig 86, no 435).

- 78 Circular bowl of spoon, as above. Most of the handle, which ended in a 'rat-tail' on the bowl, is now lost. Diam bowl 26.3-27.5mm, depth 8.4mm. (BO 77, D I 110, unphased)

Knives

- 79 Clasp knife, the clasp carved in the form of a pig's trotter. Perfect but for a couple of small chips. Much of the original triangular-shaped iron blade has been lost, leaving only the central section. The iron collar and swivel are still in situ on the clasp but the metal is rather corroded. Overall length handle 77.1mm, max depth 13.2mm, 18.2mm. (BO 82, D II 28, unphased)

An exact parallel to this, also in bone but without the blade was reported by von Mercklin as being in the Allard Pierson Museum, Amsterdam, and formerly in the Scheurleer collection no 3424, length 71mm, width 15mm. He also notes two other similar pieces. One was from Trier in the collection of the Trier Landesmuseum. The other, in the Römische Germanisches Zentral Museum in Mainz, was said to be from Cologne (1940, 343, pl XXXVI, also note 26). Other clasp knives with bone handles carved in the form of animals have been reported from Britain, such as the tiger gnawing its prey, found at Wroxeter in 1913 (Bushe-Fox 1914, 22, pl X, fig 1); and the unpublished greyhound-like dog's head with ears pinned back, on a handle found during excavations at Wanborough, Wilts, in 1970. It is also interesting to note an earlier discovery in Warwickshire during excavations at Tiddington of another representational handle - this time the bone clasp was in the form of a stylized scabbard (Fieldhouse et al 1931, 36, no 11, with new find no M50).

- 80 Incomplete upper section of a calcified bone knife handle, incised with crude cross-hatching in bands and panels. Present length 38.8mm, max surviving cross-section 14.4mm. (BO 85, G IA 83, phase IV, early to mid-4th century)

Compare the more complete example from Gestingthorpe (Draper et al 1985, 71, no 392, fig 33), and the elegant piece decorated with two

bands of cross-hatching, from a late rubble deposit at the south gate of Silchester (Fulford 1984, 115, fig 38, no 5). A similar fragment to this with simple hatched decoration was reported from Tiddington, Works, TD 80 1125.

- 81 Club-shaped bone knife handle, just over half of which survives. Originally it had an oval cross-section. The blade and tang are lost. Date uncertain, post-Roman? Length 74mm, max cross-section at base \varnothing 30 x 15mm. (BO 52, H II 39, unphased)

Furniture fittings and decoration

- 82 Undecorated bone hinge fitting, damaged and blackened by fire. Length 28.7mm, max diam \varnothing 21mm. (BO 69, D I 138, unphased)

The function of these short cylindrical fittings as hinges for boxes and smaller chests is described in Frere (1972, 149-150, figs 53, 54). Of the several examples illustrated no 188 came from a context dated AD 150-155/160, no 190 from a context dated AD 145-150. A further example from Verulamium is undated (Frere 1984, 69, fig 29, no 254). Another example, from London, was found in a context dated not later than AD 125 (Jones 1980, 95, fig 54, no 491).

- 83 Decorated bone plaque used for furniture inlay with, originally, a series of dot and three turned concentric circles along the central horizontal axis, framed on both sides with the smaller dot and two turned concentric circles, of which only two complete examples survive, with the trace of a third. The position of two nail holes are noticeable at the break on the lower edge. Present length 40.5mm, present width 16mm, thickness 2.2mm. (BO 13, AA I 1, unphased)

Compare the similarly decorated plaques from Verulamium (Frere 1972, 150, fig 54, no 193); and from Cirencester (McWhirr 1986, 114, no 236, fig 84). A group of surviving inlays from a small casket was found at Droitwich, Worcs from a context dated prior to the destruction of the site during the late 3rd century AD (Barfield 1977).

- 84 Small bone plaque or fitting with remains of two adjacent nail or peg holes at one end, and the remains of a ?light graffito on the outer

face. Length 33.3mm, max width 11mm, depth \leq 0.2mm. (BO 41, E I 1, unphased)

Gaming counters

85 Counter, one side plain, the other plain but slightly dished in the centre. Diam \leq 19.5mm, depth 2mm. (BO 89, D II 29A, unphased)

One piece from Canterbury came from a context dated AD 270-290 (Frere *et al* 1982, 124, fig 62, no 41); another from Gestingthorpe was found in the same context as a belt plaque dated to the 2nd or 3rd century (Draper *et al* 1985, 71, fig 33, no 395). Examples from Warwickshire include those from excavations at Alcester, Bleachfield Street 1976-7, 181; 353; and 392; Coleshill 1979 Area A 435; and no M940 from early excavations at Tiddington.

86 Counter, a little irregular in outline, one side plain and with a slightly bevelled edge with, in the centre, the graffito 'VI'. The other side is turned with four concentric circles. Diam 19.5mm, depth 3.6mm. (BO 73, F III 3, unphased)

Compare the example from Balkerne Lane, Colchester 1975 also with 'VI' inscribed on the undecorated side (Hassall and Tomlin 1978, 478, no 35); and the counter no M640 from Tiddington with 'X' on the reverse.

87 Counter. A slightly irregular disc, turned on one side with four concentric circles, the other side is plain with a slight bevel to the edge. Diam 15.8-16.3mm, depth 4.5mm. (BO 79, D II 20, unphased)

Compare the group of identical counters from Chester, one of which, no 77, is said to come from a 1st century context (Droop and Newstead 1931, 135, nos 72-78, pl XLVII, no 77). Another from Verulamium was dated \leq AD 140-150 (Frere 1972, 152, fig 56, no 214). Similar pieces from Tiddington include TD 81 177; 203; and M640.

88 Similar to no 87 above. Diam 17.9mm, depth 4.3mm. (BO 86, D III 2, unphased)

89 Counter, turned with five concentric circles on one side. Similar to no 87. Diam \leq 23.5mm, depth 3.1mm. (BO 16, AA III 10, phase VI, late 3rd-early 4th century)

- 90 As above but turned with six concentric circles on one side. Diam \approx 20.3-20.9mm, depth 4.4mm. (BO 26, AA I 76, phase VI, late 3rd-early 4th century)

Horse furniture

- 91 Bone cheekpiece with circular cross-section tapering towards the ends, and with a centrally cut hole of rectangular cross-section; slightly damaged, undecorated. Length 117.8mm, max cross-section \approx 23mm, cross-section hole \approx 23 x 6.5mm. (BO 64, G I 90, unphased)

An undecorated example with a suggested date \approx AD 160 comes from Wroxeter, with a second, decorated piece of the same date (Atkinson 1942, 231, nos 3, and 4, pl 62A, nos 2 and 1 respectively). A decorated example from the Roman Fort at Ilkley, Yorks was said to have come from the Antonine destruction layer (Hartley 1966, 69, fig 15, no 4). Another piece from a Claudio-Neronian context was reported from the Roman fort at Lonthorpe, Cambridgeshire (Dannell and Wild 1987, 95, fig 25, no 96).

Industrial waste

- 92 (i) Sawn fragment of antler beam. Present length \approx 240mm.
(ii) Fragment of scapula (?ovine) with saw marks. Length 86mm.
(BO 30, C VI 12A, phase VI, early to mid-4th century)
- 93 Sawn and partially trimmed fragment of antler beam. Length \approx 70mm.
(BO 33, C II 128, unphased)
- 94 Fragment of antler beam with working. Length 76.5mm. (AB 22, C VI 16B, phase VI, early to mid-4th century)
- 95 Antler burr, sawn down and with some trimming. Length \approx 80mm. (BO 90, E II 10, phase VI, early 3rd century?)
- 96 Sawn antler tip with cut mark at sawn end. Length \approx 67mm. (BO 43, D I 29, phase IV, late 3rd century?)

Human skeletal remains

C B Danston

General description of the remains found in individual graves

[xxxxx] Note: the statistical summaries are based on a total of 30 adult individuals; HB 6A did not appear in the original numeration and its inclusion would bring to total of adults to 31.

Adults: thirty
Males: sixteen
Females: eleven
Indeterminable: three

Immature: twenty-four
One: 13-14 years
One: 9-12 years
One: 1 year-18 months
Two: 4-10 months
Twelve: birth-6 months
Seven: foetal

Mean cephalic index: 75.0
Mean base breg height: 137.3
Mean stature females: 1.56m (5ft 1½in)
Mean stature males: 1.71m (5ft 7½in)

Interesting pathology

Tuberculosis of the spine: HB 6
Osteochondritis dissecans: HB 17
Tumour? HB 47

Frequencies

Caries: 20/220, 9.9%
A N tooth loss: 66/349, 18.9%
Abscesses: 34/283, 12.0%

Adults

HB 3 A XII 17, later 3rd century, phase III

Sex: male
Age: 30-40
Stature: -

Skull

A fragmentary cranium, and three teeth from mandible.

Postcranial

None

General pathology

Parietal osteoporosis in the form of minute foraminae was present on the cranium and bilateral and symmetrical.

Dental pathology

Only the left half of the maxilla was preserved, and in situ were the canine, two premolars, and the first and second molars. The central incisor was lost ante-mortem and the lateral incisor and third molar lost post-mortem. Mandibular teeth preserved were one canine, one incisor, and one premolar. Enamel hypoplasia of a slight degree was detected on some of the teeth.

HB 4 B III 2, unphased

Sex: ?female
Age: adult, possibly aged
Stature: -

Skull

Just two teeth, one lower incisor and one upper lateral incisor.

Postcranial

One vertebra, the head of a humerus, two metacarpal bones and a phalanx, a carpal bone, and seven fragments of ribs.

General pathology

A slight degree of lipping of the rims of the vertebra suggested the beginning of osteoarthritis. It was possible that osteoarthritis had affected the carpal bone also.

Dental pathology

A small carious cavity occurred in the neck of the maxillary incisor.

HB 5 B III 3, unphased

Sex: male
Age: adult
Stature: -

Skull

Eight fragments of skull; of these one was a fragment of the maxilla with the right canine in situ, and another fragment, the anterior portion of the mandible.

Postcranial

A few fragments of long bone, including the distal half of a femur, the distal half of an ulna, the proximal two-thirds of a radius, and a nearly complete clavicle.

General pathology

The clavicle at the acromial two-thirds of the shaft was fractured sometime during life.

HB 6 B III 2, unphased

Sex: male
Age: adult, possibly aged
Stature: approximately 1.67m (5ft 5 3/4in)

Skull

Eight fragments of a cranium and one fragment of a mandible.

Postcranial

Complete long bones consisted of femora, tibiae, fibulae, and one humerus. The rest of the long bones were fragmentary. Other postcranial remains were represented by complete or fragmentary bones.

General pathology

Three vertebrae, possibly the lower three thoracic were ankylosed. The body of the middle vertebra of the three was completely collapsed, producing a hump-backed condition (angular kyphosis). This is possibly a case of tuberculosis of the spine. Slight lipping occurred at the rims of the body portions of other vertebrae. Osteoarthritis was prevalent in varying degrees of severity throughout the skeleton. The bones most extensively affected were the acetabulum of the left innominate bone, and the head of the left femur. These were contiguous surfaces and both displayed 'eburnation' ('ivory' polish produced by bone moving on bone). To an extensive degree this had also affected the articular surfaces of the right calcaneum and talus, and to a lesser degree the left calcaneum and talus and other tarsal and metatarsal bones. Some carpal and metacarpal bones were also affected. Trauma occurred during life of five ribs, and also the possibility at the distal extremity of the right fibula. A hole passing through the sternum anteriorly-posteriorly at the distal third was possibly caused by faulty ossification.

HB 6A B III 2, unphased

With HB 6 were some fragmentary postcranial remains which belonged to another individual.

Sex: male

Age: adult

EB 7 B III 1, unphased

Sex: male
Age: approximately 50 years
Stature: approximately 1.70m (5ft 7in)

Skull

The cranium had portions of the right temporal and parietal bones missing, but apart from these pieces the cranium was in a fair condition. The mandible was complete.

Postcranial

One complete long bone in each case; femur, tibia, ulna, and radius, with fragmentary shafts of humeri and one ulna. No remains of the pelvis were preserved, but there were complete or fragmentary bones of other postcranial remains.

General pathology

Osteoarthritis, varying from slight to extensive degrees was characteristic of many postcranial bones. The head of the only femur preserved displayed an extensive degree with 'eburnation'. A scaphoid bone of the wrist also displayed 'eburnation', and other carpal and phalanges slight to medium degrees of osteoarthritis. Of the vertebral column which was preserved, the cervical vertebrae including the axis, displayed medium to extensive degrees of osteoarthritis. Trauma occurred of one rib, the left clavicle, and the nasal bones. Periostitis was displayed along the shaft of the tibia, it affected the distal half more than the proximal.

Dental pathology

Post-mortem loss possibly accounted for seven out of the eighteen teeth which had remained in situ at death, the other fourteen teeth lost ante mortem. Abscesses had possibly formed in the sockets of three of the maxillary incisors, the fourth incisor had been lost ante mortem and the socket obliterated. Other sockets possibly affected by abscesses were the first right of the molar teeth, and first right of the mandibular molar. Five teeth appeared to have been broken ante mortem, leaving one stump in

each case in situ in the sockets. Three of these teeth were of the mandible and two of the maxilla. Quite a lot of resorption had taken place of the alveolar borders possibly due to the effect of periodontal disease. Signs of slight to medium degrees of enamel hypoplasia were noted on some of the teeth. Calculus of a medium degree of formation was also noted on some of the teeth.

Non-metrical features

The presence of wormian bones was noted in the coronal and lamboid sutures, two in the former and six in the latter. Other features were the occurrence of a left parietal notch bone, and slight bilateral mandibular tori.

HB 9 B X 3A, unphased

Sex: ?female

Age: ?30-40 years

Stature: -

Skull

Just the vault of a cranium.

Postcranial

None.

HB 10 B XII 3/18, unphased

Sex: male

Age: 35-45 years

Stature: ?approximately 1.80m (5ft 11in)

Skull

Facial portion and part of the frontal bone and left temporal bone of a cranium. Mandible quite good.

Postcranial

One complete humerus, six cervical vertebrae including axis and atlas and one thoracic vertebra, and few fragments of other postcranial bones.

General pathology

Osteoarthritis of medium to extensive degrees of severity had affected all the vertebrae except the atlas. The lateral condyle at the distal extremity of the humerus was also affected to a medium degree, there being no sign of the condyle as such, with the head at the proximal extremity affected to a lesser degree. It was possible that trauma at the lateral condyle could have taken place in the first instance. Lipping was apparent at the borders of the glenoid fossa of a scapula, but this was not contiguous with the humerus head. Trauma of four ribs was also a possibility. Osteoporosis in the form of slight pitting and minute foraminae was displayed on both parietal bones, the areas of the eminences being most effected, but spreading to a lesser degree on to the frontal bone, and on to the occipital bone down to the protuberance.

Dental pathology

The areas of maxilla which would have housed the second and third left molars and right incisors and canine were not preserved, so, these teeth excluded, four teeth were lost ante mortem, four post mortem, and three remained in situ. Abscesses occurred in four tooth sockets; in three instances the infection had left holes in the exterior surfaces of the maxilla. Of the mandible, ante mortem loss accounted for five teeth, post mortem loss for five teeth, with six teeth remaining in situ. Abscesses had occurred in the sockets of three teeth, and caries were observed in the neck only of the only molar in situ and in the neck of the second right premolar. Resorption in some areas of the alveolar borders of the maxilla and mandible was possibly the effect of periodontal disease.

Non-metrical features

Two wormian bones were present along the right half of the coronal suture, and one along the left half. Other features were a right parietal notch bone, and a slight degree of mandibular tori.

HB 11 A V 4, early to mid-4th century, phase VIII

Sex: male
Age: 35-50

Stature: 1.68m (5ft 6½in)

Skull

The cranium was in a good state of preservation as was also the mandible.

Postcranial

All the long bones, pelvis and vertebrae, were preserved intact. There were also bones of the hands and feet, and fragments of other postcranial bones.

General pathology

Slight lipping of the rims of the bodies of some of the vertebrae was noticeable: the first and second lumbar vertebrae completely joined together at the lateral surfaces of the bodies. This condition of the two vertebrae could in the first instance have been an injury, and possible osteoarthritis was the secondary cause. Eburnation occurred at the right inferior articular facet of the axis and right superior articular facet of the third cervical vertebra. These surfaces are contiguous. Arthritis also started to affect the distal extremities of both first metacarpal bones, and there were possible signs among the tarsal bones. It was possible that the left tibia suffered trauma some time during life, and during the healing process the proximal half of the shaft became swollen twice the normal size, and also developed slight bowing. The left tibia was also 28mm longer than the right tibia. Trauma possibly occurred of four ribs. The cervical vertebrae displayed no evidence of sword or knife cuts, although the skull had been laid at the feet of the burial.

Dental pathology

Post mortem loss accounted for one out of 28 teeth remaining in situ at death, the other four teeth were lost ante mortem. Resorption of the alveolar borders of the maxilla and mandible suggested a slight degree of periodontal disease. Enamel hypoplasia of slight formation was detected on some of the teeth, also small deposits of calculus.

Non-metrical features

The frontal aspect of the orbits displayed a slight degree of osteoporosis (usura orbitae). Another feature coming under this category was a case of bilateral mandibular tori.

HB 13 B III 8, unphased

Sex: female
Age: adult
Stature: approximately 1.61m (5ft 3½in)

Skull

None.

Postcranial

Two complete femora, one complete tibia and humerus, and fragments of other long bones. Other postcranial remains were represented but these were mainly fragmentary.

General pathology

Most of the vertebrae were in an eroded condition, but those which were complete displayed slight degrees of osteoarthritis. Osteoarthritis also left its mark on various other postcranial bones, the knee joints of the femora and tibiae possibly the most affected. A small localized area of aburnation was present at the distal extremity of the right femur and the right proximal extremity of the right tibia. These two surfaces were contiguous. A considerable degree of osteoarthritis also affected the proximal extremities of both metatarsal bones, and to a lesser degree a scaphoid bone of the foot. Trauma occurred at the midportion of the right clavicle some time during life.

HB 14 B IV 2, unphased

Sex: male
Age: 40-50 years
Stature: approximately 1.78m (5ft 10in)

Skull

The cranium was in a fair state of preservation, the mandible the same.

Postcranial

Complete long bones were humeri, two radii, and one ulna, with two-thirds of a shaft of a femur. Other postcranial bones were represented but were mainly fragmentary.

General pathology

Most of the vertebrae preserved displayed slight degrees of osteoarthritis at the borders of the bodies. Trauma occurred at the tip of the nasal bones. Osteoarthritis in the form of minute foraminae and striations was apparent on the parietal bones, the area of the eminences being the most affected. The osteoporosis extended to a slight degree on to the frontal bone, and down as far as the protuberance of the occipital bone. Osteoporosis also affected the anterior half of the palate of the maxilla. The lateral, or buccal, surface of the body of the mandible in the region of the left molar teeth was slightly swollen. As the first and second molar teeth had been lost ante mortem, leaving a large abscess cavity in the bone, the swelling may have been the result of a combination of the ante mortem loss of teeth and the abscess.

Dental pathology

Ante mortem loss possibly accounted for eleven out of the full complement of thirty-two teeth, the remaining teeth were in situ in the maxilla and the mandible. The first left premolar of the maxilla was reduced to its root by the effects of caries, this tooth possibly infecting the second premolar which had a neck carie. The action of periodontal disease was possibly the cause of resorption of the alveolar borders of the maxilla and mandible. Enamel hypoplasia of a slight degree was displayed on some of the teeth.

Non-metrical features

Bilateral mandibular tori, and a maxillary torus, were the only two features to come under this category.

Comments

With this skeleton, HB 14, were the remains of another individual which has been numbered HB 14A. Among the remains were some carpal and metacarpal and tarsal and metatarsal bones, and these could belong with either HB 14 or HB 14A.

HB 14A B IV 2, unphased

Sex: male

Age: adult

Stature: approximately 1.70m (5ft 7in)

Skull

None.

Postcranial

One complete radius and ulna, with fragments of an ulna and radius and pelvis. There were also fully preserved carpal, metacarpal, tarsal, and metatarsal bones.

General pathology

Osteoarthritis affected the extremities of the radii and ulnae to a slight degree. The distal extremities of both first metacarpal bones were also effected by osteoarthritis. Trauma occurred of the shaft of the second right metacarpal bone, and also the shaft of the complete ulna.

HB 15 B XII 17, unphased

Sex: male

Age: adult

Stature: -

Skull

Two small fragments of cranium only.

Postcranial

Just a few fragmentary remains.

MB 16 B III 3, unphased

Sex: ?female
Age: ?adult
Stature: -

Skull

Twelve fragments of a cranium.

Postcranial

None.

MB 17 B II 5, unphased

Sex: male
Age: 40-50
Stature: approximately 1.69m (5ft 6 3/4in)

Skull

Cranium rather fragmentary at the facial portion. Mandible complete except for the condyles and a portion of the right ramus.

Postcranial

The long bones were all very well preserved, except the fibulae which have the proximal ends missing. No femora were present. The pelvis and vertebrae were all very well preserved, and there were fragments of other postcranial bones.

General pathology

A slight degree of osteoarthritis affected some of the lumbar and thoracic vertebrae, and possibly the distal articular extremities of the radius and ulnae. It was possible that a slight degree of osteoarthritis also affected the acromial facets of the clavicles, and the rims of the glenoid fossae of the scapulae. Small localized areas of eburnation were seen at the distal extremity of the right ulna and the surface of the right lunate bone which articulates with the radius. Slight signs of osteoarthritis were present also at the distal extremity of the first right metacarpal

bone, and possibly two phalanges of the hand, both first phalanges of the big toes, and the second phalange of the right big toe were also affected.

Dental pathology

The right half of the maxilla was rather fragmentary, but some of the teeth from this portion were present. Excluding both third molars of the maxilla and the portions of maxilla which housed them, the total number of maxillary teeth preserved was ten. A carie had formed on the first right molar, and the socket of the second left molar displayed signs of an abscess formation. Of the mandible, the second premolar and first molar of the right side were lost ante mortem, whilst the canine, premolars, and first molar of the left side were lost post mortem. A cavity, half the size of the occlusal surface, was present in the third right molar, this being the result of a carie. Abscesses also affected the sockets of the second premolar and first molar of the left side. Gross overcrowding of both canines also occurred. Resorption of the alveolar borders of the maxilla and mandible was possibly the effect of periodontal disease. Dental hypoplasia of a slight degree was also noticed on some of the teeth, and also slight deposits of calculus.

Non-metrical features

An inca bone occurred at the lambda. Also bilateral parietal notch bones, and bilateral mandibular tori occurred.

EB 20 B I ?, unphased

Sex: male

Age: 30-40 years

Stature: approximately 1.66m (5ft 5½in)

Skull

The cranium was rather fragmentary, but the mandible was intact except for the left condyle.

Postcranial

Of the long bones, one humerus, one radius, and one ulna were intact, with fragmentary remains of a femur, humerus, and an ulna. The pelvis and vertebral column were very well preserved, also the clavicles, sternum, and a few metacarpal bones and phalanges. The rest of the postcranial remains were fragmentary.

General pathology

Very slight signs of osteoarthritis were displayed on some of the vertebrae. Osteoporosis in the form of minute foraminae was present on the parietal bones of the cranium, and also encroached on to the frontal bone. Osteoporosis was also present on the anterior half of the palate of the maxilla.

Dental pathology

The left half of the maxilla was missing, but of the right half the second molar was lost post mortem leaving in situ seven teeth. A small carious cavity was in the occlusal surface of the third molar tooth, and an abscess had formed in the socket of the second premolar tooth. All the teeth of the mandible were in situ at death, though the two central incisors have been lost post mortem. There was the possibility of a small carious cavity in both of the occlusal surfaces of the third molar teeth. Periodontal disease of a slight to medium degree was possibly the cause of resorption which occurred of the alveolar borders of the maxilla and mandible. Enamel hypoplasia of a slight degree was also present on some of the teeth. Calculus of a medium degree of formation was also present on some of the teeth.

Non-metrical features

Bilateral mandibular tori occurred, and three wormian bones were present along the lamboid suture.

HB 25 B III 14, unphased

Two teeth only. One third molar tooth and one central incisor, both from the left half of the maxilla. Adult.

HB 27 AA III 101, early to mid-4th century, phase VIII

Sex: male

Age: 25-30 years

Stature: approximately 1.78m (5ft 10½in)

Skull

Both the cranium and the mandible are rather fragmentary.

Postcranial

Complete long bones consisted of femora, radii, ulnae, one fibula, and one humerus, with portions of bone missing from the tibiae, one fibula and one humerus. The rest of the postcranial remains are rather fragmentary.

General pathology

Osteoporosis of a slight degree, and in the form of striations and minute foraminae was present, mostly along the sagittal suture and at the eminences of the parietal bones.

Dental pathology

The normal compliment of eight teeth were present at death in the left half of the maxilla. The right half of the maxilla was in fragments but it was possible to say that six out of eight teeth were present at death; the other two could not be recorded. All the teeth of the mandible were present at death, the right central incisor lost post mortem. Enamel hypoplasia was present on some of the teeth.

Non-metrical features

One parietal notch bone occurred on the left side of the cranium. Another feature which could come under this category was the presence of an anomalous suture on the right zygomatic bone.

HB 29 B IA 13, mid- to late 4th century, phase IV

One proximal phalanx of the hand. Adult.

HB 34 B IA 14, mid- to late 4th century, phase IV

One lumbar vertebra only. Possibly the first lumbar. Adult. ?Female.

HB 38 A XVII 2, unphased

Sex: ?male

Age: adult

Stature: approximately 1.75m (5ft 9in)

Skull

Mostly a calvarium which was grossly distorted due to post mortem earth pressure.

Postcranial

One complete femur, and fragmentary shafts of another femur, two humeri, a radius, and an ulna. Just a few other fragments of postcranial remains.

General pathology

One lumbar vertebra was preserved among the remains, and though partially eroded it did display signs of osteoarthritis. A fragment of a rib displayed signs of the occurrence of trauma.

HB 42 D I 29, late 3rd century?, phase IV

One fragment of a parietal bone only. Age and sex indeterminable.

HB 43 F IA 2, unphased

Sex: female

Age: 30-40

Stature: -

Skull

The cranium was distorted due to post mortem earth pressure, and was very fragmentary. The mandible was fairly intact.

Postcranial

Postcranial remains consisted of an axis and atlas and four other cervical vertebrae, and a hyoid bone.

General pathology

It was possible that three of the cervical vertebrae were affected by slight degrees of osteoarthritis, and the fourth by a more severe degree.

Dental pathology

The areas of the maxilla which would have held the second and third right molars, and the third left molar were eroded, so no record could be made of these teeth. Of the maxilla preserved, the second right premolar and first right molar were lost ante mortem, and the left lateral incisor and first right premolar were lost post mortem, leaving in situ the two right incisors and canine and, of the left half the canine, two premolars, and the first and second molars. Of the maxillary teeth the second molar had a small carie in the occlusal surface and the first molar had the crown area eroded nearly away due to the effect of caries. Abscesses had occurred in the tooth sockets of the first molar.

Of the mandible, the second and third right molars, and the second left molar were lost ante mortem, and the third left molar was lost post mortem, leaving in situ the four incisors, four premolars, and the first right and first left molars. A small carie occurred in the distal surface of the neck of the right molar. It is possible that periodontal disease of a slight degree occurred along the alveolar borders of the maxilla and mandible. Small deposits of calculus were attached to some of the teeth, and also the occurrence of enamel hypoplasia was detected.

Non-metrical features

An inca bone, and a smaller wormian bone were present along the lamboid suture. Bilateral mandibular tori of a slight degree of development. A palatine torus of a slight degree of development. Maxillary torus of a slight degree of development.

HB 45 H II 33, Antonine-3rd century, phase II

A portion of a right parietal bone, possibly female, and possibly a young adult or a person not quite adult. The bone displayed minute foraminae and striations on the ectocranial surface.

HB 46 G I 4A/145, late 4th century, phase X

Sex: ?female

Age: adult

Stature: approximately 1.54m (5ft 3/4in)

Skull

None.

Postcranial

Two tibiae, two fibulae, and a few bones of the foot.

HB 47 D I 120, mid- to late 4th century, phase VI

Sex: female

Age: approximately 25 years

Stature: approximately 1.55m (5ft 1in)

Skull

Cranium and mandible in a good state of preservation.

Postcranial

Long bones preserved and mostly complete. Also pelvis, vertebrae, clavicles, and bones of the hand and foot very well preserved.

General pathology

The lateral surface of the ilium of the right innominate bone displayed a small round hole about 5mm in diameter with a localized raised area of new bone formation around the hole. The appearance of the hole seemed to suggest pyogenic infection, possibly some sort of tumour. Trauma occurred of the posterior tubercle of the right talus during life. An anomaly

occurred in the vertebral column in the form of a sixth lumbar vertebra. This is an uncommon occurrence.

Dental pathology

Post mortem loss accounted for four out of thirty-two teeth remaining in situ at death. No caries, abscesses, or periodontal disease were noted, but slight deposits of calculus were present on some of the teeth.

Non-metrical features

Mandibular tori, maxilla tori, and a palatine torus were noted, in each case of a slight degree of development.

HB 50 E IV 47, late 2nd century?, phase V

The right half of a mandible with the ramus missing. There was one molar tooth in situ, with five roots in situ in the sockets with the crowns broken off. When these teeth were broken is hard to say, but they definitely were not broken during the excavation, as the roots were stained a dark brown which is the same colour as the bone. The sex of the individual the fragment represented was possibly male, and the age at death possibly about 25 years.

HB 51 D I 110, unphased

A complete frontal bone, possibly of a young adult. Sex indeterminable. Two non-metrical features occurred of this frontal bone, a metopic suture and a slight degree of orbital osteoporosis.

HB 65 G V 6, late 4th century, phase VI

Sex: male

Age: 35-45

Stature: approximately 1.69m (5ft 6 3/4in)

Skull

The cranium had the right zygomatic bone missing but apart from that was in a fairly good state of preservation. The mandible was complete except for

a fragment missing from the lateral surface near the angle of the body and the ramus of the left side.

Postcranial

The long bones, pelvis, vertebrae, bones of the foot and hand, and other postcranial remains were all present and in a good state of preservation.

General pathology

Slight degree of osteoarthritis were evident along the rims of some of the thoracic and lumbar vertebrae. Other bones also possibly affected were the innominates, scapulae, ulnae, clavicles, metatarsal bones, metacarpal bones, and phalanges. Trauma occurred at the proximal third and distal third of the shaft of the right fibula, leaving a bulgy irregular callus formation. On the lateral surface of the right tibia opposite the lower fracture of the fibula, was an area of periostitis and a slight swelling of the bone. This was possibly the effect of damage done to the shaft at the same time as the fracture of the fibula. Bilateral and symmetrical osteoporosis in the form of minute foraminae and striations were present on the parietal bones and to a lesser degree, the frontal bone.

Dental pathology

Of the maxilla eight teeth were lost post mortem, and three ante mortem, leaving in situ, in the maxilla, five teeth. One carie was observed, this in the neck of the second left molar tooth. Four abscesses occurred, two in the region of the first right and left molars were quite large, and a round hole in the exterior surface of the maxilla in the region of the left molar. All the teeth of the mandible were in situ, and displayed no noticeable signs of caries or abscesses. Periodontal disease, though of a medium degree of severity, occurred along the alveolar borders of both maxilla and mandible. Slight to medium deposits of calculus were present on some of the teeth.

Non-metrical features

Two features came under this heading. One was a palatine torus of a medium degree of development, and the other, the occurrence of what is known as

auditivus. Among the thousands of crania the writer has examined only three cases of auditivus have been observed, so the feature must be very uncommon. In the right external auditory canal the development was slight but in the left there was a considerable degree of development.

HB 66 G V 15, late 4th century, phase VIII

Sex: male

Age: 35-45

Stature: approximately 1.68m (5ft 6½in)

Skull

The cranium was minus a few portions, mainly the facial area. The left ramus and right condyle were missing from the mandible.

Postcranial

All the long bones were present though a few had pieces missing from them. The pelvis and vertebrae were also in a good state of preservation. Apart from some bones of the hand, the rest of the remains were rather fragmentary.

General pathology

Bilateral osteoporosis and striations were present on some of the parietal bones of the cranium, and on the frontal bone. Also on the frontal bone, mainly at the centre, were numerous small extoses. Localized areas of periostitis were observed on the lateral surface of the shaft of the right tibia, and also on the right and left fibulae. Medium degrees of osteoarthritis were evident round the borders of the bodies of the cervical and lumbar vertebrae, and to a lesser degree the thoracic and the scapulae. Other bones affected were the scapulae, femora, radii, ulnae, and the clavicles.

Dental pathology

Of the maxilla, the portions which would have housed the second premolar and the three molars of the left side, and the second and third molars of the right side were missing. Of the portion present, five teeth were lost

ante mortem, and five lost post mortem. All the dental area of the mandible was preserved and indicated that six teeth were lost ante mortem, six lost post mortem, leaving in situ four teeth. Of the four teeth, two displayed neck caries; also attached to these teeth were medium deposits of calculus. Abscesses were very numerous, four in the tooth sockets of the maxilla, and six in the mandible.

Non-metrical features

None.

HB 67 L XIII 7, unphased

Sex: female

Age: 35-45

Stature: approximately 1.55m (5ft 1in)

Skull

Just a small portion of a maxilla.

Postcranial

Mainly all long bones, pelvis, vertebrae, clavicles, bones of the foot, and fragmentary ribs.

General pathology

Slight degrees of osteoarthritis were evident on some of the thoracic vertebrae. It was also possible that slight degrees also occurred on other postcranial bones. Trauma at the mid-portion of the shaft of the left clavicle possibly occurred some time during life, leaving the bone very bowed superiorly. On the inferior surface of the shaft of the fourth right metatarsal bone was a small 'blob' of compact bone. This possibly was a callus, the consequence of a stress or hairline fracture.

Non-metrical features

Only a portion of the maxilla was preserved and displayed a slight development of maxilla tori:

Infant and immature remains

Number of individuals: 22 infant, 2 immature.

There was no direct evidence that any one group of remains belonged with any of the other groups (ie such as shafts of bones joining together at breaks).

The only two groups of remains which might have belonged to the same infant were HB 39 and HB 40. The remains were of the same colour (though this by itself is not conclusive evidence), and in each case the number of bones was such that they could easily belong to the same individual.

In 13 out of 22 infants both femora were represented, if not by complete femora, by the proximal extremity (head) this evidence suggests they were of separate individuals.

The ages at death of the infants were estimated, when present, by:

- 1 the state or degree of formation of the teeth;**
- 2 the state or degree of development of the tympanic ring of the petrous portion of the temporal bones;**
- 3 non-fusion of the two halves of mandible;**
- 4 if none of the first three present, by a comparison of the size of the bones with similar bones of an infant of which the age was known.**

One lot of remains was foetal, six lots were possibly foetal, two of which may belong to one individual. Twelve were of a possible age from birth - 6 months, one; 4-6 months; one approximately 9 months and one, 1 year-18 months. The remaining two, which could not be classed as infants but as immature, were 9-12 years and 13-14 years. Comparing the robustness and length of the radius of the foetal infant HB 1 with the other individual lots of remains of infants, it did not seem likely that any of them were foetal.

No pathological manifestations were noted where the infant remains were concerned.

HB 1 A IXA 1A, unphased

Age: foetal

Postcranial

Fragments of femora, humeri, a radius and ribs.

HB 18 AA III 6, late 3rd-early 4th century, phase VI

Age: foetal - birth - a few months

Skull

A few portions of a cranium.

Postcranial

None.

HB 19 AA I 36, later 3rd century, phase III

Age: birth-6 months

Skull

Fragments of the vault of the cranium, and portions of; temporal bones including petrous portions, sphenoid bones, basi-sphenoid, and both halves of the maxillary bones. Both halves of the mandible were preserved.

Postcranial

Long bones included a femur and half of a femur, humeri, a radius, and an ulna. Other postcranial remains consisted of scapula, ribs portions of innominate bones, and vertebrae.

HB 21 AA II 13A, unphased

Age: birth-6 months

Skull

A few fragments of a cranium.

Postcranial

Femora, tibiae, humeri, one fibula, one radius, and one complete and one half of ulnae. Other postcranial remains were one scapula, portions of two innominate bones, some ribs, and a few portions of vertebrae.

HB 24 AA II 26, 3rd century, phase III

Age: birth-6 months?

Skull

None.

Postcranial

One radius, one ulna, and half of a femur.

HB 26 AA II 26, 3rd century, phase III

Age: birth-6 months?

Skull

None.

Postcranial

Half a humerus.

HB 28 AA II 104, unphased

Age: birth-6 months?

Skull

Fragments of the vault of the cranium, and portions of a temporal bone including petrous portion, part of the sphenoid and basi-sphenoid, and a portion of the maxillary bone. The two halves of the mandible were preserved. One or two teeth were present.

Postcranial

Long bones included femora, tibiae, ulnae, and one radius. Other postcranial remains consisted of fragments of ribs, and portions of vertebrae, and a part of an innominate bone.

HB 30 B IA ?, unphased

Age: birth-6 months

Skull

None.

Postcranial

One femur.

SB 32 A XVI 17, unphased

Age: birth-6 months

Skull

None.

Postcranial

One complete femur, one half of a femur.

SB 33 A XVIIA 2, unphased

Age: birth-6 months

Skull

None.

Postcranial

Femora.

SB 35 A XVI 3, unphased

Age: Birth-6 months

Skull

One or two fragments of a cranium. One of the mandible. Tooth.

Postcranial

Long bones included femora, one tibia, and a radius, and fragments of a radius, tibia, and a humerus. Other postcranial remains included part of an innominate bone, part of a clavicle, and a few other fragmentary remains.

MB 39 D I 25, late 4th century, phase VIII

Age: foetal?

Skull

None.

Postcranial

Five fragments of long bones.

MB 40 D I 2A, late 4th century, phase VIII

Age: foetal?

Skull

Three small fragments of a cranium, and one ramus of a mandible.

Postcranial

Fragments of ribs and a clavicle.

MB 41 F IA T/S, unphased

Age: possibly 13-14 years

Skull

Fragments of a cranium, and fragments of a mandible including teeth.

Postcranial

A shaft of a humerus, a fragmentary scapula, and a fragmentary clavicle.

MB 46 G I 22, late 4th century, phase X

Age: birth-6 months

Skull

A few fragments of a cranium, and one fragment of a mandible. A few teeth.
Two petrous portions of temporal bones.

Postcranial

Long bones consisted of one complete femur and a shaft of another, and a fragment of a shaft of a fibula. Other postcranial remains consisted of fragments of ribs, two fragmentary scapulae, and portions of vertebrae.

HB 48 G I 4A/145, late 4th century, phase X

Age: approximately 9 months

Skull

Four fragments of a cranium, and one fragment of a mandible, and two teeth.

Postcranial

A proximal one-third of a tibia, fragmentary clavicles, five fragments of vertebrae, and a few fragmentary ribs. Also with these remains were three phalanges of the foot of an adult, possibly female (probably from an associated burial HB 46).

HB 49 G I 31, late 4th century, phase X

Age: birth-2 months

Skull

Fragments of a cranium, including the following portions: vault, sphenoid, temporals including petrous portions, and basilar portions of the occipital bone. The mandible was in two halves. Four crowns of deciduous teeth were also present.

Postcranial

Femora, one tibia, one humerus, ulnae, all intact except two of the bones. There were also remains of the pelvis, scapulae, vertebrae, and ribs.

HB 52 D II 15, late 4th century, phase VIII

Age: foetal or birth

Skull

Fragments of the vault of the cranium, and portions of the sphenoid, petrous portions of the temporal bones, and basilar parts of the occipital

bone. Both halves of the mandible were present, though the left half was fragmentary.

Postcranial

Femora, humeri, ulnae, and one each of tibia, radius and fibula. Also present were remains of the pelvis, a clavicle, vertebrae, and ribs.

HB 53 D II 37, unphased

Age: 1 year-18 months

Skull

All parts of the cranium were represented including a portion of the maxilla. The left half of the mandible was complete, but the right half was fragmentary. Five deciduous molar teeth were present, and one deciduous canine.

Postcranial

Very fragmentary with no complete bones at all.

HB 54 D II 15, late 4th century, phase VIII

Age: foetal-birth

Skull

Fragments of a cranium, including portions of the vault, the right half of the maxilla, petrous portions of the temporal bones, and a portion of sphenoid. There was one fragment of a mandible, the right ramal portion.

Postcranial

Femora, humeri, and one bone each of tibia, radius and ulna. Other bones represented were scapulae, the pelvis, ribs, and vertebrae.

Cremation EB 5 AA II 61, early to mid-4th century, phase VI

Introduction

The examination of the material follows the technique used on previous occasions by the writer, and is based on procedures in cremation reports by Lisowski and by Gejvall. The primary aim in a study of this type is to try, if possible, to determine the age, sex and number of individuals cremated.

Colour of fragments: dark grey; light grey-white; black and light-brown

Overall length of the fragments: 0-67mm

Total weight: 1423.4g

Number of individuals: one

Sex and age at death: adult male

Identified skeletal material

Bone	Weight
Skull	184.0g
Humerus	38.9g
Radius and ulna	26.3g
Hand	8.1g
Femur and patella	108.5g
Tibia	85.0g
Fibula	13.5g
Foot	3.6g
Ribs	25.9g
Vertebrae	48.0g
Pelvis	8.7g
Metatarsals and metacarpals, phalanges	7.5g
Miscellaneous long bone	397.7g
Miscellaneous cancellous bone	160.9g
Miscellaneous	<u>286.6g</u>
Total	<u>1423.4g</u>

Among the human cremated remains were seven fragments of crania of a sheep or goat, ranging in length from 16mm to 56mm. Two fragments of a

radius of a sheep or goat, length 40mm to 65mm. Also seven epiphyses of metatarsal or metacarpal bones of sheep or goat. Five fragments, identified as long bone of a bird, were also recovered, length 12mm to 38mm.

The remains were forwarded to the laboratory in fairly clean condition, so no washing was necessary. No traces of charcoal were observed.

Preparation

The material was laid out on a bench, and fragments of the various bones and teeth were sorted into groups. The remaining material was then sieved to get rid of grains of soil and dust, and picked free of small stones and other foreign material. After a further inspection for identifiable material, the residue of small bone fragments was classified as unidentifiable. The various groups of identifiable material were then examined in detail in order to establish as far as possible the number of individuals cremated, their sex and age. A few fragments of individual bones could be glued together although actual reconstructions of complete bones were impossible.

Estimation of number, sex, and age

The number of individuals identified from material of a cremation is usually established by the presence of certain definite duplicated skeletal parts, or a great dissimilarity in the thickness of certain bones, or the fact that the epiphyseal union had taken place in some bones, while in other similar bones epiphyseal union had not taken place at all. Assessment of the sex of an individual from cremated remains is a very precarious procedure unless there are preserved definite diagnostic portions of bone from which the sex can be ascertained. The possible sex can be diagnosed from the robustness of certain bones, but the conclusion is only a tentative one. A possible age at death can be suggested by an examination of the state of endocranial and ectocranial suture closure, by noting the fact that epiphyseal union was completed or had not started, by an examination of the vertebrae, state of the pubic symphyses, and

eruption of and wear and tear of teeth. All of these features, however, may not have survived the combustion.

Results

Total weight of bone and teeth fragments: 1423.4g. Some of the fragments were irregular in shape, and the overall length of the fragments ranged from 2mm to 67mm. Their colour was predominantly dark grey - light grey - white, with some fragments black and light brown. Some of the fragments displayed elliptical cracks, but did not seem to be twisted or distorted. In the case of the skull fragments, some pieces had the outer table split away from the inner one.

Estimate of number, age, and sex

The cremated remains were moderate in number, and no duplicated parts of bones were noted, therefore, suggesting the remains possibly were of one individual (see tables M17-19). The robustness of certain pieces of long bone, and the size of the distal articular extremity of a left femur, suggested they were possibly of a male individual. Supporting this view was the fact that a fairish-sized portion of an occipital bone was preserved, displaying a rather robust external occipital protuberance, which is characteristic of a male individual. There were no appropriate features of any of the remains to suggest an age at death of the individual, but one can say the individual was definitely an adult.

Skull

Portions identified were a fragment of an occipital bone displaying a prominent external occipital protuberance, a petrous portion and part of the squamous of a temporal bone, a portion of occipital bone from the area of the foramen magnum, a superior border including the zygomatic process of the orbit of the frontal bone, and a pterygoid process of a sphenoid bone. Eight miscellaneous fragments displayed signs of sutures, and there were also 153 other miscellaneous fragments ranging in length from 11mm to 44mm.

Odontological remains

The teeth observed among the cremated remains amounted to three:

- 1 a molar of the lower dentition;
- 2 a canine, possibly of the upper dentition;
- 3 a premolar, possibly of the lower dentition.

Postcranial remains

Femur Eight possible fragments ranging in length from 27mm to 67mm.

Among this category of remains was the distal articular extremity of a left femur, three small portions of the distal extremity of a right femur, and four portions of shaft.

Tibia Thirteen possible fragments, five of which could be glued together and formed part of the shaft of the right tibia. The other eight fragments were all of the shaft of either the right or left tibia. The overall length of the pieces ranged from 12mm to 75mm.

Fibula Six possible fragments ranging in length from 26mm to 43mm.

Humerus Fifteen possible fragments ranging in length from 17mm to 39mm all coming from the shaft.

Radius and ulna One portion of an ulna which was possibly an olecranon process, and four fragments of shaft which could either be of radius or ulna.

Miscellaneous long bone Numerous fragments came under this category, ranging in length from 8mm to 54mm. These fragments were from the shafts of long bones, but could not be identified with certainty as belonging to individual bones.

Ribs Twenty-eight possible fragments ranging in length from 20mm to 40mm.

Innominate bone One fragment of an acetabulum, and two fragments of the iliac crest. The smallest piece measured 24mm in length, and the largest 35mm in length.

Patella Possibly three-quarters of the left, and a portion of the right.

Vertebrae Twenty-four fragments were sorted from the remains. One fragment was of the axis displaying the odontoid process, five of the cervical vertebrae, four possible fragments of thoracic, and a possible fragment of the atlas displaying a superior articular facet. All the fragments were portions of the body of the vertebrae. Thirteen other fragments were of the articular facets of vertebrae.

Navicular One fragment of this bone.

Hamate One fragment of a right, and one fragment of a left.

Capitate A right capitate bone.

Triquetral A right triquetral bone.

Trapezium Possibly one trapezium bone.

Phalanges Ten possible fragments. These were either distal or proximal articular extremities, and could be from the hand or foot.

Metatarsal or metacarpal bones Five possible fragments either of proximal or distal extremities.

Miscellaneous cancellous bone

This category of remains was all of cancellous bone, and could have come from any of the skeleton where this sort of bone occurred. The pieces ranged in length from 10mm to 36mm.

Miscellaneous bone

These fragments could represent parts, except cancellous bone, of any of the bones that make up the skeleton. These fragments measured from 2mm in length to 23mm.

Animal bones

Skull

Amongst the cremated remains were some fragments of skull of an animal. These were identified as seven fragments of a cranium of a sheep or goat. Two of the pieces were of a frontal bones displaying sinuses, and another was a portion of a horn core. The fragments ranged from 18mm in length to 56mm. There were two post-cranial fragments, possibly of the same bone, or a radius of a sheep or goat, the smallest piece measuring 40mm in length and the largest 65mm in length. Also seven possible epiphyses of metatarsal and metacarpal bones of a sheep or goat. In addition, five fragments of postcranial bone, possibly long bone, were recovered from the cremated remains, the smallest piece measuring 12mm in length and the largest 38mm.

Table M17 Weight and distribution of the total identified and unidentified cremated human remains

Skeletal material	g	% total
Identified total	955.7	67.1
Unidentified total	<u>467.7</u>	<u>32.9</u>
Total	1423.4	100

Table M18 Weight and percentages of the miscellaneous cancellous and other miscellaneous bone

Skeletal material	g	%	% total
Miscellaneous cancellous	180.9	38.7	12.7
Other miscellaneous bone	<u>286.8</u>	<u>6.13</u>	<u>20.2</u>
Total	467.7		32.9

Table M19 Weight and percentage distribution of the identified remains

Skeletal material	g	% identified	% total
Skull	184.00	19.3	12.9
Humerus	38.9	4.1	2.7
Radius and ulna	26.3	2.8	1.9
Hand	<u>8.1</u>	<u>0.8</u>	<u>0.6</u>
Upper limb total	73.3	7.7	5.2
Femur and patella	108.5	11.4	7.6
Tibia	85.0	8.9	6.0
Fibula	13.5	1.4	0.9
Foot	<u>3.6</u>	<u>0.4</u>	<u>0.3</u>
Lower limb total	210.6	22.1	14.8
Ribs	25.9	2.7	1.8
Vertebrae	48.0	5.0	3.4
Pelvis	8.7	0.9	0.6
Metatarsals and metacarpals }- phalanges }	<u>7.5</u>	<u>0.8</u>	<u>0.5</u>
Total	90.1	9.4	6.3
Skeletal material	g	% identified	% total
Miscellaneous long bone	397.7	41.6	27.9
Identified total	955.7	100	67.1

Ecology

Botanical remains

A J Gouldwell

[xxxxx] Four samples of earth and one sample labelled 'charcoal' were selected for botanical analysis on the basis of their stratigraphical association with a medieval drying kiln in trench C IIIA (see Part 1, plate 2). It was hoped that macrobotanical inclusions might relate the archaeological contexts to harvesting, grain-cleaning or food-preparation.

The contexts selected are listed as below in order of sample number (SS for sediment, CH for charcoal).

CH 30 C IIIA 14. Kiln walls which should represent secondary rebuild. Charcoal in flue.

SS 40 C IIIA 2A. Patch of burning. Buff clay. Primary lining of kiln flue.

SS 43 C IIIA 4B. Yellow-brown burnt clay associated with kiln. Top of 4, secondary flue lining.

SS 46 C IIIA 27. Ashy-clay under flue. Two medieval cooking pots embedded. Burnt clay and ash, fill of pit (stoke-hole/sealed by kiln?)

SS 54 C IIA 54. (Within same deposit as SS 46 above). Fill of pot 3.

Carbonized materials such as grain, chaff, charcoal and weed seeds were looked for.

Materials and methods

The samples of sediment were stored each in single polyethylene bags. All had dried out and some were virtually rock-hard when examined in 1989.

Preliminary treatment of the sediments involved washover from a lipped bucket using a stream of water supplied through a rubber tube attached to a cold-water tap to remove fine particles, the larger particles being caught

up in a sieve of 355 micron mesh and subsequently returned to the bucket after the operation. (Actually a nested series of coarser sieves was added to reduce clogging of the mesh). Next paraffin (kerosene) flotation (described eg by Kenward (1974) for separation of insect fragments as the standard paraffin method) was used to separate the lighter, organic fragments from the mineral component. Three cycles of paraffin mixing were employed, the samples being allowed to drain in a sieve at the end of each cycle. Within each paraffin cycle, three flotations were performed. Each flotation consisted of adding the sample to a five-litre bucket, topping up with water, allowing it to stand for about twenty minutes, then introducing a stream of water to agitate the sample and float off the microfossils into a sieve of 355 micron mesh, and finally turning off the water supply when no further microfossils were appearing to float off and gently decanting the remaining water from the bucket into the sieve.

Flots were stored under 100% industrial methylated spirit prior to sorting. Carbonized materials from dry samples should be recovered by flotations while waterlogged and mineralized seeds should be suspected as contaminants. Residues were retained.

The flot was observed and sorted under twin-channel fibre-optic illumination using a binocular microscope with a zoom lens of variable magnification ranging from x6 to x50. Identification was supported by published works (especially Beijerinck 1947, Berggren 1981, and Schweingruber 1982) and reference material in the Environmental Laboratory, Department of Archaeology, University of Leicester.

Residues were also examined to check the efficiency of the separation. The residues were sifted for ease of working (typically 2mm, 1mm, and 355 micron meshes were used) and then scanned quickly under the same microscope and illumination as used for the flot. This scan proved unproductive save for a very few minute traces of coal from SS 43.

Results

Findings are summarized in table N10. SS 43 was particularly contaminated by recent root remains, so only carbonized remains are considered relevant for present purposes.

Table M20 Botanical finds from contexts associated with the ~~medieval~~ drying kiln

Identification	Samples:	CH 30	SS 40	SS 43	SS 46	SS 54	Total
Coal		*		*	*		+++
Wood charcoal:							
<u>Quercus</u> sp			*	**	*	+++	+++
<u>Populus/Salix</u>			*		*		*
Seeds/fruits:							
<u>Triticum cf aestivum</u>				1		0	2
<u>Avena</u> sp					1		3
<u>Chenopodium album</u>				1			1
<u>Lotus corniculatus</u>						1	1
<u>Vicia sativa</u>				1			1
Total		*	**	+++	+++	+++	+++

* signifies rare presence, ** and +++ signify relatively greater quantities only (largest single sample g 200).

Discussion

Notes on wood species

Charcoal was splintered to a degree which precluded recognition of roundwood or timber, thus identification as far as the material allows as much as can be done with the present samples. Unfortunately recognition to species level is not always possible. Relative and/or relative abundance of particularly the poplars and willows or distribution of such species occurrence is possibly misleading, though generally arising because of Populus x canadensis Marsh. (see Huckle 1984, p. 10) should rarely be dismissed from any list of identifications. Identification from outside the area would not be recognized in the present study. Quantities are inadequate to suggest ecological or archaeological conclusions.

Oak (Quercus sp)

Oak is perhaps the most familiar forest-forming tree species of lowland Britain. There are in fact two native species, pedunculate oak (*Q. robur* L) and sessile oak (*Q. petraea* (Natuschka) Liebl), which hybridize. In lowland Britain, which includes Warwickshire, pedunculate oak is much the commoner. Distinction between the two species on the basis of wood anatomy is considered impossible.

Poplar (*Populus* sp) and willow (*Salix* sp)

A number of species have been mapped recently for the county (Cadbury et al 1971): four species of poplar (plus a relatively modern hybrid), of which the most abundant is aspen (*P. tremula* L), and eight species of willows which are most predominantly represented locally by white and crack willows (respectively *S. alba* L and *S. fragilis* L, great and rusty willows (*S. caprea* L and *S. cinerea* L subspecies *oleifolia* Macreight), with patchy occurrence of osier (*S. viminalis* L). Some Warwickshire species are now sufficiently uncommon as to be denied cartographic display. Cadbury et al (1971) index six species of poplar plus one hybrid and one subspecies, and key out (1971, 183-185) thirteen species of willow plus eight hybrids and five subspecies. Differentiation between genera let alone among species in this group, particularly with the material available is considered impractical. Habitats occupied by these species are various: woodland, hedgerow and scrub, grassland, roadsides, and waste places are all habitats in which this range of species is 'frequent or abundant' with waterside habitats particularly associated with the willows.

Notes on seed/fruit species

These notes are for information on taxonomy, ecology and distribution. As the evidence is so frugal, interpretation of assemblages of taxa or of grain residues are inappropriate here.

Wheat (*Triticum aestivum* L)

Varietal identification is not possible at present. The shape is comparable with that of bread wheat, but whether the observed shape was typical of the population(s) it represents is unknown, and diagnostic chaff was lacking.

Oat (Avena sp)

A single, incomplete grain, this could be of either a cultivated or weedy species.

Fat-hen (Chenopodium album L)

This is a common weed of mainly arable and ruderal situations in recent times in the region of the site (Cadbury et al 1971, 311).

Bird's-foot trefoil (Lotus corniculatus L)

Recent occurrence is common in grassland and on ruderal sites (Cadbury et al 1971, 338).

Common vetch (Vicia sativa L including V sativa ssp nigra (L) Erh)

Common vetch is nowadays present in the area as a ruderal species also occupying hedgerow and grassland habitats (Cadbury et al 1971, 343-344). Renfrew (1973, 188-189) notes that this species was found in the Roman levels of Isca.

Conclusion and summary

Four samples of sediment and a single sample listed as charcoal, all from the medieval drying kiln were studied. The sediments, though long dried-out, were washed-over and subjected to standard paraffin flotation to extract any macrofossils. The supposed charcoal sample proved to be coal, while flotation revealed minute fragments of wood charcoal, mostly oak, with two pieces of poplar or willow. Wheat (two grains) and oat (one) were found. Identification of wheat variety or oat species was not possible. Three seeds or small fruits were identified as fat-hen, common vetch, and bird's-foot trefoil, all plants considered common and with a common ruderal ecological niche.

Building materials

Decorated wall plaster

Joan Liversidge and Stephen Cracknell

See also print [xxxxx].

Contexts from which wall plaster was recovered

Area B

trench IA context 1

Area C

Trench	Context	Phase	Context type
I	108	unphased	
IIIA	7	unphased	
IIIA	8	unphased	
IIIA	14	medieval	drying kiln walls
IIIA	24	unphased	
IIIA	32	unphased	
IIIA	33	unphased	
VI	20	unphased	
VI	24	VII	layer
VI	44	unphased	
VIA	51	IX	layer
VIA	18	IX	robber trench

Area D

Trench	Context	Phase	Context type
I	T/S	unstrat	topsoil

MS:A3

I	2	VIII	layer
I	2A	VIII	layer
I	5	VI?	metal working hearth lining
I	7	VI	burnt clay near hearth
I	20	IV	posthole
I	20A	IV	posthole
I	26	VI	posthole
I	26A	VI	posthole
I	27	IV	burnt daub
I	36	VI	pit with metal working debris
I	40	V	pit (fill of 87)
I	71	V	pit
I	120	VI	inhumation
I	135	VI	posthole
I	138		unphased
I	145	I	ditch
I	147	I	beam slot
I	150	VI	pit
I	151	IV	posthole

Area E

trench V, context 7, and trench III, context 55

Area G

Trench	Context	Phase	Context type
I	1	unphased	

I	6	unphased	
IA	9	unphased	
IA	14	unphased	
IA	14A	VI	posthole
IA	15	unphased	posthole
IA	89	VI	slot
IA	90	IV	foundation trench
IA	98	IV	foundation trench
II	2	U/S	modern disturbance
II	25	V	pit
IV	9A	VI	stones (wall trench)
IV	12	V	destruction debris
IV	15	VI	stones defining wall
IV	24	IV	foundation trench
IV	25	IV	foundation trench
IV	30A	unphased	
IV	31	IV	foundation trench
IV	32	VI	pit
IV	35	unphased	
IV	47	unphased	
V	8	unphased	
V	9	IV	posthole group
V	9B	unphased	
V	10A	unphased	
V	21	X	destruction debris
V	27	VI	posthole

V	26	IV	foundation trench
V	29		unphased
V	34A		unphased
V	41	IV	foundation trench
V	42	I?	beam slot
V	45	IV	foundation trench
V	47	IV	
V	57A		unphased

Wood fragments and objects recorded on site

Jeremy Evans

No	Context	Phase	Date	Description
W 1	B III 9	-	-	fragments of stakes and tw
W 2	B IV 6	-	-	fragments of a stake
W 3	B VI 6	-	-	wood fragments
W 4	B VIII 6	-	-	wood fragments
W 5	B VIII 6	-	-	wood fragments
W 6	B III 16	-	-	wood fragments
W 7	B III 9	-	-	wood fragments
W 8	AA III 93	V	later 3rd century	wood fragments
			on	
W 9	A V 18	VI	late 3rd-early 4th century	wood fragments
W 10	A V 18	VI	late 3rd-early 4th century	wood fragments
W 11	A V 18	VI	late 3rd-early 4th century	barrel stave
W 12	A V 18	VI	late 3rd-early 4th century	wood fragments
W 13	AA II 87	III	3rd century	wood fragments
W 14	AA II 87	III	3rd century	worked wood
W 15	B VIIIA 7	-	-	wood fragments
W 16	B VIIIA 6	-	-	wooden plank
W 17	C I 72	III	3rd century	wood fragments
W 18	C I 73	III	3rd century	wood fragments

MS:A7

W 19	B IA 14	IV	mid- to late 4th century	wood fragments
W 20	B IA 15	IV	mid- to late 4th century	wood fragments
W 21	C VIA 7	VII	early to mid 4th century	wood fragments
W 22	A XVII 2	-	-	wood fragment from coffin
W 23	C VIA 91	II	late 2nd century	wood fragment from coffin
W 24	C VI 103	I	late 1st-2nd century	wood fragment from coffin
W 25	C VI 117	-	-	wood fragment from coffin
W 26	C VI 115	I	late 1st-2nd century	wooden wedge
W 27	C VIA 71	-	-	wood fragments
W 28	C VI 109	I	late 1st-2nd century	wood fragments
W 29	D I 34	VI	mid- to late 4th century?	wood fragments
W 30	F I 33	-	-	wood fragment
W 31	F I 40	XIII	after AD 353	wood fragment
W 32	D I 229	II	later 2nd-early 3rd century?	wood fragments
W 33	E V 19	VI	early 3rd century?	wood fragments

Other finds

Coal

A H V Smith

[xxxxx] The coalfield of origin of coals recovered in archaeological excavations can often be deduced from the microscopical examination of the coals. The evidence is of two types. The first relates to the rank of the coal, that is the stage of maturity reached in the transformation of peat into anthracite. This is determined by measuring the reflectance of the coal. The reflectance is the percentage of incident light reflected from a polished surface of the coal, the measurements being made under oil on a specific component of the coal (vitrinite) derived from the coalified remains of woody tissue. Most British coals are of Bituminous type and have reflectance values within the range 0.4-1.8%.

The other line of evidence is the age of the coal. This can be determined from the microfossils, particularly the spores, preserved in the coal and from a knowledge of the stratigraphic ranges of the individual species.

Using this evidence and having a knowledge of the age and rank of coals outcropping in the different coalfields in Britain it is often possible to suggest the coalfield of origin of isolated coal fragments.

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Sample details

Five samples were studied, each containing from 50-300g of coal preserved as small pieces of up to walnut size. The samples were identified as follows:

	Coal sample no
D I 40, phase V, pit, early to mid-4th century?	CO 41
D I 71, phase V, pit, early to mid-4th century?	CO 47
D I 34, phase VI, pit with metal working debris, mid- to late 4th century?	CO 43 CO 42
D I 36, phase VI, pit with metal working debris, mid- to late 4th century?	CO 40
C VIA 12, phase IX, layer, mid-4th century on	CO 27

Methods of investigation

Reflectance measurements were made on five of the samples in order to determine the rank of the coals and to determine whether coals of different rank were present in any one sample.

Sample preparation

Since there was a reasonable amount of coal in each sample, approximately half the contents were set aside as a reserve sample and the remainder crushed to a powder having a maximum grain size of about 1mm. The powder was mixed with a resin to make a block for polishing and reflectance analysis. The crushed coal from D I 34 - CO 43 - was also sampled for spores using fuming nitric acid to liberate the spores.

Results of analysis

Microscopic examination of the polished coal particles showed that the coals were weathered. This was confirmed by the short time required to macerate the coals for spores. However, weathering does not affect the reflectance properties of the coal except possibly at the margins of the particles. The coal particles were mainly representative of bright coals with only a few particles of dull (durainous) coal. Sample CO 41 contained

particles of both coal and carbonaceous shale. Unless the coals had been obtained selectively the seams of origin would appear to have been predominantly bright with few or no horizons of dense dull coal.

Reflectances

The mean random oil reflectances of the five coals are shown in table M21.

Table M21 Reflectance of coal samples

Sample	Mean random reflectance %	Volatile matter (dry ash free) estimated from reflectance
CO 41 D I 40	0.50	38-45
CO 47 D I 71	0.40	42-48
CO 43 D I 34	0.46	39-46
CO 40 D I 36	0.41	
CO 27 C VIA 12	0.42	

The above values are characteristic of high volatile bituminous coals. The difference between values are hardly significant and are no greater than would be expected from the same seam within the same coalfield but at different localities or from different seams within the same coalfield at one locality.

The mean values quoted are each based on approximately 100 measurements. The spread of individual measurements within each sample is small and typical of the spread found in the analysis of single seams. There is, therefore, no evidence that any of the samples represent a mixture of seams of different rank.

Spore analysis

Coal sample CO 43 yielded a rich assemblage of spores. The presence of *Endomorpha globiformis* shows that the sample contains coal particles of Middle or Upper Coal Measures age. The absence of species restricted to seams of Lower and Upper Coal Measures age suggests that the coal is of Middle Coal Measures age. The general character of the assemblage confirms this view.

Provenance of coals

Outcrops of high volatile bituminous coals with reflectance values of less than or equal to 0.5% are restricted in their occurrence in Britain to the coalfields of Leicestershire and S Derbyshire, Nottinghamshire and N Derbyshire (southern part), Warwickshire, N Staffordshire, and the Forest of Dean. The Forest of Dean can be excluded, at least for the one sample analysed, since the outcropping coals are of Upper Coal Measures age. It is reasonable to assume that the coals are from the same coalfield. The nearest known outcrops of coals having the appropriate age and rank are in the Warwickshire Coalfield.

Conclusion

Microscopical analyses of the five coal samples from the Birch Abbey excavations shows the coals to be of high volatile bituminous type and probably from one coalfield. The Warwickshire Coalfield is considered to be the most likely source. The geological age of the one sample analysed is consistent with such an origin.

Glass

Jennifer Price and Sally Cottan

See also print [xxxxx]

Catalogue (figs 104-5)

Abbreviations

PH Present height

RD Rim diameter

BD Base diameter

WT Wall thickness

BT Base thickness

Dim Dimensions

All measurements are in millimetres

Pillar moulded bowls

Blue/Green

- 1 Rim and body fragment. Rim edge mostly missing. Upper part of one rib, with tooling mark on top edge. Exterior lightly wheel polished above rib. Interior wheel polished. Iridescent surfaces. PH: 42mm WT: 5mm (GL 167, G I 58, phase IX, late 4th century).
- 2 Body fragment. Part of one broad rib. Interior wheel polished, with horizontal abraded band on lower body. Iridescent surfaces. Dim: 25mm x 18mm. WT: 1.5mm (GL 381, D I 173, phase II, later 2nd-early 3rd century?).
- 3 Body fragment. Part of one narrow slanting rib. Interior wheel polished with two horizontal shallow wheel-cut lines within broad abraded band on lower body. Iridescent surfaces. Dim: 25mm x 26mm. WT: 2mm (GL 396, G IV 12, phase V, later 4th century).
- 4 Body fragment. Part of one narrow rib. Interior wheel polished with one horizontal shallow wheel-cut line in broad abraded band on body.

Iridescent surfaces. Dim: 27mm x 16mm. WT: 2mm (GL 222, D I 110, unphased).

- 5 Body fragment. Part of one narrow slanting rib. Interior wheel polished with three horizontal shallow wheel-cut lines on body. Iridescent surfaces. Dim: 25mm x 42mm. WT: 2.5mm (GL 372, G IV 12, phase V, later 4th century).
- 6 Base fragment. Traces of three ribs extending towards centre of flat base. Iridescent surfaces. Dim: 10mm x 21mm. BT: 4mm (GL 219, D I 173, phase II, later 2nd-early 3rd century?).

Cast vessels

- 7 Body fragment, green/blue (peacock). Occasional tiny bubbles. Convex curved side. Wheel polished surfaces. Dim: 15mm x 3mm. WT: 2mm (GL 61, AA III 39, unphased).

Blown Vessels

Coloured

- 8 Four body fragments, two joining from wall and lower body of cylindrical bowl. Yellow. Vertical side with rounded carination and wide lower body tapering in. Light irregular scratches on interior surfaces. Patchy iridescence. PH: 52mm. BD approx: 160mm (GL 422, C XII 7; GL 428, C XII 1; GL 429, C XII 7, unphased).

Also

- a) Very many small fragments. Yellow (GL 216, D I 173, phase II, later 2nd-early 3rd century?).
- 9 Over 175 fragments and many chips, from rim, neck, handle, body, and base of conical jug. Yellow/green. Rim turned out, up and in, and flattened. Narrow cylindrical neck. Slight constriction at junction with straight side expanding out. Lower body tapering in to open pushed-in base ring. Base slightly concave. Angular ribbon handle with central rib, applied to upper body and attached below rim, with claw attachment and central pinched trail running down body. Patchy iridescent surface. Occasional bubbles. Height: 290mm. WD: 33mm. BD: 74mm. Neck length: 92mm. WT: 1.5mm (GL 423, D II 29A, unphased).

10 Thirty-four fragments, mostly joined in two pieces, from rim, neck, handle, body, and base of short necked conical jug. Yellow/green. Uneven rim bent out, up and in, and flattened. Narrow cylindrical neck. Slight constriction at base of neck. Slightly convex curved body, expanding out to rounded carination. Lower body tapering in. Open pushed-in base ring, slightly concave base. Curved ribbon handle with edge ribs applied to upper body and attached below rim. Patchy clouded and iridescent surfaces. Strain cracks. Small bubbles. Height: 152mm. RD: 21mm. BD: 64mm. Max diam: 105mm. Neck length: 22mm. (GL 223, D II 60; D II 28, unphased).

Also

- a) Shoulder fragment. Yellow/green (GL 44, AA I 18, phase VII, late 3rd-early 4th century).
- b) Cylindrical neck fragment. Yellow/green (GL 58, C I 16, unphased).
- c) Body fragment. Trace of neck. Pale yellow/green (GL 389, G v 2, unphased).

Colourless

- 11 Nine joined fragments of carinated cup. Curved rim edge cracked off and wheel polished. Almost vertical side expanding out to angular carination. Straight lower body tapering in. Separately blown foot, edges missing. Two wheel-cut lines on rim, one on upper body, one on lower body. Clouded surface with patches of iridescence. Occasional medium bubbles. PH: 102mm. RD: 93mm. WT: 1-2mm (GL 416, D II 29A, unphased).
- 12 Body fragment, cylindrical cup? Straight side above rounded carination. Horizontal wheel-cut line. Weathered cloudy surfaces. Dim: 21mm x 26mm. WT: 1mm (GL 25, AA I 11, phase IX, mid-4th century).
- 13 Body fragment, cup? Convex lower body. Horizontal wheel-cut line. No visible weathering, strain cracks, occasional bubbles. Dim: 21mm x 22mm. WT: 2mm (GL 137, D I 25, phase VIII, late 4th century).
- 14 Rim fragment, cylindrical cup. Vertical rim, edge cracked off and ground. Horizontal narrow abraded band on upper body. Patchy clouded surfaces. PH: 21mm. WT: 1.5mm (GL 137, D I 25, phase VIII, late 4th century).

- 15 Body fragment, convex vessel. Narrow horizontal abraded band. Cloudy surface deposit. Dim: 12mm x 9mm. WT: 1mm (GL 52, AA I 1, unphased).

Also

- a) Body fragment. Colourless (GL 426, K I 26, unphased).
b) Twelve tiny fragments. Colourless (GL 148, D I 40, phase V, early to mid-4th century?).
c) Two very thin indented body fragments (GL 188, D II 29A, unphased).

Blue/Green

Cups and bowls

- 16 Rim fragment. Vertical rim, edge fire rounded, side distorted by heat. Small elongated bubbles parallel to rim. PH: 12mm. WT: 2mm (GL 32, AA I 12, unphased).
17 Base fragment, cup or bowl. Tubular pushed in base ring, concave base. Broken edge of body carefully smoothed. Wear on base ring. Iridescent surfaces. Tiny bubbles. PH: 6mm. BD: 80mm. WT: 1mm (GL 431, L V 1, unphased).

Jugs and jars

- 18 Rim fragment from spout of jug. Folded rim turned in and flattened. Yellow streak through rim. Elongated bubbles parallel to edge. Dim: 7mm x 20mm. WT: 1.5mm (GL 68, AA II 1, unphased).
19 Base fragment of jar or jug. Lower body tapering in, open pushed-in base ring. Distorted by heat. Edge worn. Iridescent outer surface. PH 20mm. WT: 4mm (GL 379, D I 176, unphased).

Flasks and unguent bottles

- 20 Two joining neck and body fragments, ?tubular unguent bottle. Narrow cylindrical neck. Slight constriction at junction of neck and body, straight upper body. Elongated bubbles. PH: 25mm. Neck diameter approx: 15mm. (GL 92, AA II 78, phase II, late 2nd- early 3rd century).
21 Body fragment, ?conical flask. Trace of neck, straight upper body expanding out. Slightly iridescent surface. Small bubbles. Dim: 38mm x 35mm (GL 413, G V 15, phase VIII, late 4th century).

Also two body fragments:

- a) Two joining body fragments, thin-walled vessel, 7unguent bottle. Iridescent surfaces. Small/medium bubbles. Very pale blue/green. (GL 184, D II 27, unphased).

Also two decorated blue/green body fragments:

- a) Small body fragment from thin-walled convex vessel, 7unguent bottle. Two fine unmarvered horizontal trails. Patchy iridescent outer wall. Bubbly (GL 195, D I 175, phase I, 1st century-early Antonine).
- b) Small body fragment from convex vessel. Vertical shallow rib. Scratches on rib. Elongated bubbles (GL 166, D I 92, phase VI, mid- to late 4th century?).

Also 23 undecorated blue/green body fragments.

- a) GL 125, A XVIIIB 5, unphased
- b) GL 111, C III D 1, unphased - two fragments
- c) GL 77, AA I 46, phase V, later 3rd century on
- d) GL 142, C II 15, unphased
- e) GL 48, AA I 16, unphased
- f) GL 79, A III 76, phase V, later 3rd century on
- g) GL 88, C IIIA 7, unphased
- h) GL 17, A IX 8, phase VI, late 3rd-early 4th century
- i) GL 412, G II 29, phase IV, early to mid-4th century
- j) GL 193, G I 123, phase IV, early to mid-4th century
- k) GL 163, D I 71, phase V, early to mid-4th century?
- l) GL 374, G IV 89, unphased - three joining fragments
- m) GL 143, G I 12, phase VIII, late 4th century - five fragments
- n) GL 370, G IV 12, phase V, later 4th century
- o) GL 366, G IA 60, phase V, later 4th century
- p) GL 400, D II 15, phase VIII, late 4th century
- q) GL 188, D II 29A, unphased - innumerable tiny fragments

Colourless bottle

- a) Body fragment. Cloudy iridescent outer surface (GL 106, C VI 16B, phase VI, early to mid-4th century).

Blue/green bottles

Rims, necks, shoulders, and handles

- 22 Three rim, neck, and handle fragments, joining. Rim bent out, up and in, and flattened. Cylindrical neck. Upper edge of angular reeded handle with folded upper attachment joining neck below rim. Elongated bubbles. PH: 56mm. Handle width: 45mm. Neck diameter: 36mm (GL 129, D II 1; GL 188, D I T/S, unphased).
- 23 Rim, neck, and handle fragments, joining. Rim bent out, up and in, now melted, wide cylindrical neck and folded upper handle attachment affected by heat. PH approx.: 37mm. Internal neck diameter approx.: 70mm. WT: 5mm (GL 127, D I 1A, unphased).
- 24 Neck fragment. Edge of rim, cylindrical neck and part of upper folded handle attachment. Iridescent surfaces. Elongated bubbles. WT: 5mm. Neck diameter approx: 45mm (GL 95, C IIIA 1, unphased).

Also nine cylindrical neck fragments

- a) GL 21, AA II 1, unphased - two fragments
- b) GL 93, C IB 2, unphased
- c) GL 115, C VIA 53, phase IX, mid-4th century on
- d) GL 30, M I 12, phase III, mid-4th century
- e) GL 137, D I 25, phase VIII, late 4th century
- f) GL 414, D I 246, phase II, later 2nd-early 3rd century?
- g) GL 164, H II 49, phase II, Antonine-3rd century
- h) GL 7, A XI 2, unphased

Also 8 cylindrical neck and shoulder fragments

- a) GL 60, AA III 1, unphased - two fragments
- b) GL 51, AA III 11, phase VIII, early to mid-4th century
- c) GL 83, C III 1, unphased
- d) GL 86, C III 12, unphased
- e) GL 411, D I 25, phase VIII, late 4th century
- f) GL 380, D I 176, unphased
- g) GL 385, G II 3, phase V, later 4th century

Also 23 shoulder fragments

- a) GL 24, A V 6, unphased

- b) GL 89, A V 17, phase VI, late 3rd-early 4th century
- c) GL 6, A IX 16, phase VI, late 3rd-early 4th century
- d) GL 66, AA II 30, phase VI, early to mid-4th century
- e) GL 64, AA III 49, phase IV, later 3rd century on
- f) GL 84, AA III 83, phase II, late 2nd to mid-3rd century
- g) GL 33, B I 3, phase II, Antonine-3rd century
- h) GL 139, D I 2A, phase VIII, late 4th century
- i) GL 137, D I 25, phase VIII, late 4th century - three fragments
- j) GL 203, D I 25, phase VIII, late 4th century
- k) GL 205, D I 25, phase VIII, late 4th century
- l) GL 211, D I 25, phase VIII, late 4th century
- m) GL 411, D I 25, phase VIII, late 4th century
- n) GL 179, D I 87, phase V, early to mid-4th century?
- o) GL 217, D I 176, unphased
- p) GL 365, D I 176, unphased
- q) GL 393, F I 92, phase VII, 3rd century?
- r) GL 156, G I 7, phase IX, late 4th century
- s) GL 153, G I 13, unphased
- t) GL 216, G IV 12, phase V, later 4th century
- u) GL 133, H I 9, phase II, Antonine-3rd century

Also 6 handle fragments

- a) Handle and body fragment. Lower part of reeded handle with simple lower attachment (GL 212, D I 25, phase VIII, late 4th century).
- b) Handle fragment. Central part of shallow reeded handle. Concave edges. Yellow/green vertical streaks. Elongated bubbles (GL 391, D II 15, phase VIII, late 4th century).
- c) Handle fragment. Small reeded band from side of handle. Iridescent surface. Elongated bubbles (GL 137, D I 25, phase VIII, late 4th century).
- d) Handle fragment. Upper part of handle with folded attachment. Patchy iridescent surfaces. Elongated bubbles (GL 145, D I 2A, phase VIII, late 4th century).
- e) Handle fragment (GL 145, D I 2A, phase VIII, late 4th century).
- f) Handle fragment, probably ribbed (GL 409, D II 29A, unphased).

Square bottles

- 25 Nineteen fragments, nearly complete square bottle. Rim bent out, up, in, and flattened. Cylindrical neck with slight tooling marks at base. Angular reeded handle applied to shoulder, attached to neck below rim. Horizontal shoulder, straight sides. Horizontal marks below shoulder on all sides indicating height of mould and central indents above base. Concave base with L-shaped corner mouldings surrounding moulded letters S A I. Patchy iridescent surface and cloudy streaks. Bubbly. Height: 230mm. RD: 58mm. Body height: 191mm. BD: 117mm x 114mm (D II 29A, unphased).
- 26 Lower body and base edge fragment. Square bottle. Base design: part of circular moulding close to edge. Weathered surfaces. Medium bubbles. PH: 63mm. BT at edge: 5mm (GL 150, D I 34, phase VI, mid- to late 4th century?).

Hexagonal bottles

- 27 Small lower body and base fragment. Hexagonal bottle. Base worn. Small bubbles. PH: 16mm. BT: 4mm (GL 207, D I 25, phase VIII, late 4th century).
- 28 Two base fragments, joining. Hexagonal bottle. Slightly concave base, thickening towards centre. One edge visible. Base design: three concentric circles with central dot. Patchy iridescence. Occasional bubbles. Diameter of outer circle: 120mm. BT at edge: 3.5mm. (D II 29A, unphased).

Also 1 body fragment from hexagonal bottle

- a) GL 137, D I 25, phase VIII, late 4th century

Prismatic bottles

A total of 105 body fragments

- a) GL 90, A V 19, phase VI, late 3rd-early 4th century
b) GL 4, A IX 3, phase VI, late 3rd-early 4th century
c) GL 16, A IX 41, phase I, late 1st-early 2nd century
d) GL 20, A X 2, unphased
e) GL 26, AA I 1, unphased - two fragments
f) GL 43, AA I 3, unphased

- g) GL 27, AA I 12, unphased
- h) GL 32, AA I 12, unphased
- i) GL 76, AA I 40, phase IV, later 3rd century on
- j) GL 46, AA II 8, unphased
- k) GL 65, AA II 26, phase III, 3rd century
- l) GL 47, AA III 1, unphased
- m) GL 59, AA III 1, unphased
- n) GL 57, AA III 9, unphased
- o) GL 63, AA III 10, phase VI, late 3rd-early 4th century
- p) GL 71, AA III 10, phase VI, late 3rd-early 4th century
- q) GL 73, AA III 17, unphased
- r) GL 78, AA III 46, phase III, later 3rd century
- s) GL 64, AA III 49, phase IV, later 3rd century on
- t) GL 55, B III 8, unphased
- u) GL 74, C III 1, unphased - four fragments
- v) GL 87, C III 13, unphased - two fragments
- w) GL 95, C IIIA 1, unphased - two fragments
- x) GL 107, C IIIA 5, unphased
- y) GL 122, C IIIA 33, unphased - fifteen fragments
- z) GL 109, C VI 37, phase VII, early to mid-4th century - three fragments
- aa) GL 117, C VI 62, phase III, 3rd century
- ab) GL 120, C VI 86, unphased
- ac) GL 119, C VI 87, phase VI, early to mid-4th century
- ad) GL 118, C VI 93, phase II, late 2nd century
- ae) GL 140, D I 2, phase VIII, late 4th century
- af) GL 161, D I 2A, phase VIII, late 4th century
- ag) GL 138, D I 5, phase VI?, mid- to late 4th century?
- ah) GL 134, D I 24, phase VIII, late 4th century
- ai) GL 137, D I 25, phase VIII, late 4th century
- aj) GL 198, D I 25, phase VIII, late 4th century
- ak) GL 205, D I 25, phase VIII, late 4th century
- al) GL 411, D I 25, phase VIII, late 4th century
- am) GL 149, D I 34, phase VI, mid- to late 4th century?
- an) GL 160, D I 36, phase VI, mid- to late 4th century?
- ao) GL 177, D I 122, unphased

- ap) GL 209, D I 173, phase II, later 2nd century-early 3rd century?
- aq) GL 196, D I 176, unphased
- ar) GL 201, D I 176, unphased
- as) GL 369, D I 206, phase VI, mid- to late 4th century
- at) GL 146, D II 2, phase IX, late 4th century
- au) GL 144, D II 2, phase IX, late 4th century
- av) GL 421, D II 14, unphased
- aw) GL 404, D II 15A, phase VII, mid- to late 4th century?
- ax) GL 373, D II 28, unphased
- ay) GL 398, D II 29, unphased
- az) GL 388, D II 29, unphased
- ba) GL 409, D II 29A, unphased - ten fragments
- bb) GL 367, E II 27, phase V, late 2nd century?
- bc) GL 402, E II 34, phase V, late 2nd century? - two fragments
- bd) GL 405, E III 36, phase VII, 3rd century?
- be) GL 208, F I 21, phase XII, after AD 353
- bf) GL 171, G I 108, unphased
- bg) GL 362, G II 2, unstratified
- bh) GL 375, G II 12, phase V, later 4th century
- bi) GL 394, G II 12, phase V, later 4th century
- bj) GL 216, G IV 12, phase V, later 4th century
- bk) GL 389, G V 2, unphased
- bl) GL 180, H II 6B, phase III, Antonine-3rd century on
- bm) GL 427, K I 26, unphased

- 29 Lower body and base fragment. Bottle. Base worn. Iridescent surfaces. PH: 14mm. BT: 6mm (GL 158, G I 6, unphased).
- 30 Base fragment. Bottle. Trace of edge. Base design: two concentric circular mouldings. Slightly melted. Dim: 21mm x 15mm. BT: 4.5mm (GL 56, A III 9, unphased).
- 31 Base fragment. Bottle. Base design: circular moulding, with trace of further moulding. No visible weathering. Small bubbles. Dim: 26mm x 10mm. BT: 6.5mm (GL 23, A X 8, unphased).

- 32 Base fragment. Bottle. Base design: circular moulding. Distorted by heat. Dim: 31mm x 24mm. BT: 4-5mm (GL 108, C VIA 12, phase IX, mid-4th century on).
- 33 Base fragment. Bottle. Base design: circular moulding. Distorted by heat. Dim: 38mm x 24mm. BT: 5mm (GL369, D I 206, phase VI, mid- to late 4th century?).

Cylindrical bottles

Four body fragments

- a) GL 42, AA I 3, unphased
- b) GL 85, AA I 65, unphased
- c) GL 170, G I 84, phase VII, late 4th century
- d) GL 378, G IV 39, phase IV, early to mid-4th century

Also 47 melted bottle fragments

- a) GL 53, AA I 30, phase VI, late 3rd-early 4th century on
- b) GL 54, AA I 30, phase VI, late 3rd-early 4th century on
- c) GL 82, C III 1, unphased
- d) GL 108, C VIA 12, phase IX, mid-4th century on
- e) GL 139, D I 2A, phase VIII, late 4th century - two fragments
- f) GL 202, D I 25, phase VIII, late 4th century - two fragments
- g) GL 205, D I 25, phase VIII, late 4th century - seven fragments
- h) GL 207, D I 25, phase VIII, late 4th century
- i) GL 211, D I 25, phase VIII, late 4th century - eight fragments
- j) GL 212, D I 25, phase VIII, late 4th century - eight fragments
- k) GL 411, D I 25, phase VIII, late 4th century - seven fragments
- l) GL 213, D I 71, phase V, early to mid-4th century? - six fragments
- m) GL 197, D I 176, unphased
- n) GL 376, G IV 12, phase V, later 4th century

Late Roman glass

- 34 Rim fragment, cup? Blue/green. Everted rim edge fire-rounded. Cylindrical upper body. Fine lines parallel to rim on both surfaces, ?lightly ground. Iridescent surfaces. Bubbly. PH: 10mm. WT: 1mm (GL 165, D I 71, phase V, early to mid-4th century?).

- 35 Two body fragments, conical beaker? Yellow/green. Everted rim, edge missing. Straight side, tapering in. Strain cracks. Iridescent surfaces. Bubbly. PH: 34mm. WT: 1mm (GL 103, D IA 15, unphased).
- 36 Lower body and base fragment, cup?. Pale yellow/green. Convex body, trace of decoration. Concave base. Iridescent surfaces. PH: 21mm. WT: 1mm (GL 190, G I 105, phase IV, early to mid-4th century).
- 37 Base fragment. Pale green. Concave applied base pad joined to lower body. Central pontil mark. Iridescent surfaces. Very bubbly, with dark specks. Dim: 36mm x 19mm. BT: 3.5mm (GL 382, G IV 23, phase VI, late 4th century).

Also 4 fragments

- a) Body fragment. Blue/green. Convex. Horizontal abrasion. Iridescent surfaces. Bubbly (GL 102, C VI 4, phase IX, mid-4th century on).
- b) Body fragment. Yellow/green. Slightly convex. Patchy iridescent surfaces. Small bubbles (GL 432, K I 26, unphased).
- c) Small convex body fragment. Pale blue/green. Patchy iridescent surfaces (GL 193, G I 123, phase IV, early to mid-4th century).
- d) Lower body fragment, conical beaker. Yellow/green. Straight side tapering in. Iridescent surfaces (GL 191, D I 46, phase V, early to mid-4th century?).

Window glass

Two fragments

- a) Fragment of colourless matt/glossy window glass. Dim: 25mm x 27mm (GL 382, G IV 23, phase VI, late 4th century).
- b) Fragment of blue/green matt/glossy window glass. Dim: 36mm x 14mm (GL 422, C XII 7, unphased).

Stone objects: full catalogue

Jeremy Evans with contributions by John Crossling

[xxxxx] This report consists of a catalogue and discussion of the locatable stone objects and quernstones. Objects recorded in the small finds register, but no longer traceable are also listed. Some of the latter have been drawn, and these are illustrated, but not discussed in the printed text.

The printed text includes descriptions of the illustrated objects and the discussion. The microfiche section contains the full catalogue of 88 objects and discussion of the geological groups.

Catalogue (figs 108-18)

Inscribed stone

- 1 **Constantinian milestone.** A rectangular-sectioned column of oolitic limestone bearing the inscription
 ...FL VAL/CONSTANTINO/PIO/FELICI/INVICT(O)/AVG. (J Roman Stud 56, 220, no 10). Height 700mm, width 335mm, depth, 90mm. Geology: limestone, L3. (ST174, G IV 1A, phase VI, late 4th century)

- 2 **The corner of a moulded panel in oolitic limestone.** It is quite heavily abraded post-breakage but the heavy marking on the panel, which should have been protected by the moulding, tends to suggest a deliberate destruction of the inscription which it must have carried. The panel is well prepared with the back being quite well finished and its edges chamfered to form the moulding. Max surviving length 310mm, max surviving width 270mm, thickness of panel 55mm, depth of panel below moulding 37mm. Geology: limestone, L2. (ST115, C IIIA 13, unphased)

Altars

- 3 **A small altar in oolitic limestone - like the inscription panel, no 2 above.** It has well-smoothed sides and front with no trace of an inscription but the back is roughly pecked and not well finished. The double moulding around the top is similarly only roughed-out at the

back, which was obviously not meant to be viewed. There are three crudely cut parallel grooves in the top for libations, possibly by a different hand given the care of the other work. The bottom of the altar was chamfered and well smoothed but the base was not well finished, suggesting it was designed to be earth fast against a wall. Height 300mm, width of panel 155mm, width of side panels 127mm. Geology: limestone, L2. (ST77, B IA 15, phase IV, mid- to late 4th century)

- 4 A small altar in sandstone. Like ST77 this came from the primary silting of a well. It is rectangular in section with well-cut and smoothed surfaces and no trace of an inscription. The base is poorly finished and convex so that it does not stand vertically, but at an angle of around 82°. The mason would appear to have had it in this position when carving it since the mouldings on the two sides are not remotely symmetrical when it is set vertically, but much more so when it is set at this angle. Both sides have a double moulding at the top, the surface of which is pecked and rather uneven. In the centre of the top is an oval moulding \pm 103mm x 90mm, \pm 20mm high in which there is an oval depression \pm 58mm x 49mm and \pm 11mm deep with a pecked base for libations. The base of the shaft is stepped out with a square moulding \pm 15mm x 15mm on the right, and 10mm x 15mm on the left, to a base of 220mm wide and 120mm broad. Given the uneven nature of the base, the altar was presumably designed to be earth fast, otherwise it would easily over-balance. Height 310mm, width of base 220mm, width of shaft 157mm. Geology: sandstone, S2. (ST 78, B IA 15, phase IV, mid- to late 4th century)

Other carved stonework

- 5 A squared block of yellow oolitic limestone with vertical pecked sides and a well-smoothed flat base. The smooth flat upper surface bears two concentric circular grooves, respectively \pm 9mm and 10mm wide, 5mm and 6mm deep, and \pm 60mm and 140mm in diameter. The well-smoothed base, particularly in contrast to the sides, suggests the stone was prepared to be set up on a flat surface, probably for casting vessels

in pewter or working sheet bronze. Max surviving length 140mm, width 220mm, thickness 75mm. Geology: limestone, L3. (ST 137, D I 126, phase II, later 2nd-early 3rd century?)

- 6 A roughly triangular block of sandstone, broken at the edges, but probably substantially complete. It has a rectangular, slightly concave, slot cut into the upper surface. It would seem to be a metalworking mould, presumably for casting bronze or another non-ferrous metal, into ingots. It came from a pit which contained other material associated with metalworking. Depth of slot 7mm, width of slot 34mm, surviving length of slot 140mm, length 170mm, width 125mm, thickness 59mm. Geology: sandstone, S2. (ST 106, D I 47, phase VI, mid- to late 4th century?)
- 7 About a quarter of the base of a stone tank or trough, probably ovoid in shape (in yellow limestone). The base is fairly flat and has been comparatively well finished with fairly coarse pecking, as has the exterior wall. The interior is very rough and uneven and is poorly finished. Max surviving length 375mm, max surviving height 145mm, thickness of centre of base \leq 50mm. Geology: limestone, L3. (ST 173, D II 67, unphased)
- 8 A rectangular tank in colitic limestone. The surfaces are still fairly irregular. The exterior sides have faint vertical tooling lines whilst the interior ones are pecked. Max height 220mm, max length 570mm, depth of tank 145mm, thickness of base 750mm, max thickness of side 85mm. Geology: limestone, L3. (ST 33, A II 30, unphased)

Other stone objects

- 9 A roughly ovoid, irregularly shaped piece of limestone. Burnt. Pierced with a drilled hole 12mm in diameter. Perhaps a small loom weight or net weight. Length 51mm, width 44mm, thickness 19mm, weight 0.06kg. Geology: limestone. (ST 95, D I 1A, unphased)

- 10 A broken subrectangular block of limestone. It is roughly shaped apart from the face which seems to have been fashioned into a crude stamp consisting of an ovoid ridge within a subrectangular border, to act as a producers mark for some soft commodity (butter/ointment, etc). Possibly post-Roman. Maximum surviving length 5mm, width 40mm, thickness 22mm, weight 0.086kg. Geology: limestone. (ST 139, F I Topsoil)
- 11 A flat limestone disc, burnt red on one edge. Probably a lid for a storage vessel. Diameter 200mm, thickness 18mm. Geology: limestone, L3. (ST 22, A XIV 2, unphased)
- 12 Stone disc, probably a pot lid. Missing. (ST 168, M I 9, phase IV, Roman/post-Roman)
- 13 Triangular piece of sandstone with a hole \approx 15mm in diameter drilled through it. It is certainly incomplete, too thick for a roof tile, and not a quernstone. Perhaps a net weight if only a little has been lost or perhaps part of a flagstone drilled to receive a bolt-hole. Max surviving length 160mm, max surviving width 127mm, thickness 45mm. Geology: sandstone, S2. (ST 81, B IA 15, phase IV, mid- to late 4th century)
- 14 Limestone; turned spindle whorl decorated with three circular grooves on one side, two on the other, and two around the circumference. Diam 31mm, hole diam 7mm, thickness 9mm. (ST 80, C III 1, unphased)
- 15 Half a stone spindle whorl. Missing. (ST 175, B I 7, unphased)
- 16 Irregular, diamond-shaped stone roof tile, with a single nail hole in the top corner drilled from both sides. Max length 280mm, max width 270mm, max thickness 18mm, weight 2.30kg. Geology: sandstone, S4. (ST 93, C VI 24, phase VII, early to mid-4th century)

- 17 Limestone roof tile of roughly hexagonal shape with a single nail hole around 50mm from the top point. Length 255mm, width 212mm, thickness 11mm. Geology: limestone. (A XVIIIB 2, unphased)
- 18 Triangular limestone roof tile, with one nail hole remaining. This is not centred and another must have been located in the missing opposite corner of the long side, otherwise it could not have been secured in a useful manner. Length 202mm, width 303mm+, thickness 18mm. Geology: limestone. (G IA 20, phase X, late 4th century)
- 19 A piece of limestone roof tile, perhaps. Cut down to form an arrowhead-shaped object (it would make a convenient garden trowel). Total length 190mm, length of handle 75mm, max width of blade 105mm, thickness 17mm. Geology: limestone. (ST 136, G IV 1A, unphased)
- 20 Stone tile. Missing. (ST 32, C I 25B, unphased)
- 21 Limestone roof tile. Missing. (ST 149, G III 80, unphased)
- 22 Roof slates. Missing. (ST 150, G II 29, phase IV, early to mid-4th century)
- 23 A piece of broken, burnt, colitic limestone with a cup-shaped depression \leq 60mm in diameter and \leq 23mm deep, probably from use as a pivot-stone. Probably a re-used piece of fine building stone. Length 150mm, surviving width 90mm. Geology: limestone, L3. (ST 125, C IIIA 14, medieval)
- 24 A broken fragment from a block of tufa. This was usually employed in the barrel vaulting of hypocausted bath buildings. Geology: tufa, L1. (ST 119, A U/S, unphased)
- 25 Tufa fragment. Missing. (ST 110, B IA 15, phase IV, mid- to late 4th century)

- 26 Tufa fragment. Missing. (ST 119, A U/S, unphased)
- 27 Tufa fragment. Missing. (ST 171, K I 33, unphased)
- 28 Tufa fragment. Missing. (ST 97, G IA 17, phase VI?, late 4th century?)
- 29 Stone block with socket for timber upright, perhaps from a door frame or verandah. Missing. (ST 164, C VIA 50, phase VIII, early to mid-4th century on)
- 30 Stone object. Missing. (ST 5, A X 5, unphased)
- 31 About half of a rectangular stone palette with bevelled edges. It is well made with the width of the bevel only varying from 11-13mm. All the surfaces are well smoothed and the upper and lower surfaces are polished, but do not show signs of very heavy wear. Width 61mm, max surviving length 57mm, thickness 11mm. Geology: mudstone, SI2. (ST 75, A XVI 1, unphased)
- 32 Carved stone. Missing. (ST 87, C VI 1, unphased)
- 33 Stone scraper. Missing. (ST 90, C VIA 33, unphased)
- 34 Worked stone. Missing. (ST 124, C VIA 19, phase IX, mid-4th century on)
- 35 Stone object. Missing. (ST 140, G I 59, phase IV, early to mid-4th century)
- 36 Stone? burnished. Missing. (ST 141, J II 1, unphased)
- 37 Stone object. Missing. (ST 166, L XII 1, unphased)

- 38 Grooved stone. Missing. (ST 182, D I 20, phase IV, late 3rd century?)

Whetstones and hones

Items described as hones are those of rod-like shape showing wear from sharpening, those described as whetstones are of a variety of shapes, but all about hand-sized, and show wear.

- 39 A small square stone whetstone with one edge chamfered. One surface and the bevelled edge are worn smooth. Length 50mm, width 60mm, thickness 12mm. Geology: sandstone, S8. (ST 1, A VII 1, unphased)
- 40 Part of a stone hone of subrectangular section. All of the surfaces are fairly smooth and seem to have been subject to light wear. Max surviving length 40mm, width 21mm, thickness 18mm. Geology: sandstone, S9. (ST 98, D I 36, phase VI, mid- to late 4th century?)
- 41 An ovoid-shaped whetstone, which fits very well in the left hand. The soft siltstone retains a large number of knife strokes on the upper surface, with fewer on the reverse. Length 126mm, width 58mm, thickness 21mm. Geology: siltstone, S11. (ST 105, D I 71, phase V, early to mid-4th century?)
- 42 A subcircular wedge-shaped whetstone, roughly shaped and worn smooth from use on both faces. Length 155mm, width 110mm, thickness 34-15mm. Geology: sandstone, S7. (ST 79, C IIIA 11-13, unphased)
- 43 A rectangular-sectioned stone hone with a bevelled end. The upper surface is heavily worn and longitudinally concave. Surviving length 43mm, width 19mm, thickness 8mm, length of level 7mm. Geology: sandstone, S11. (ST 2, A I 1, unphased)
- 44 A triangular-sectioned hone, with a slightly curved back, appearing somewhat like a segment of an orange. The two sides are smoothed from

use, but not heavily. Length 65mm, max width 25mm, max height 23mm.
Geology: sandstone, S10. (ST 7, AA I 11, phase IX, mid-4th century)

- 45 Bone with circular section. Missing. (ST 89, A XVIIB 1, unphased)
- 46 Bone fragment with subrectangular section. Missing. (ST 104, D I 36, phase VI, mid- to late 4th century)
- 47 Bone fragment with square section. Missing. (ST 134, G I 137, phase IV, early to mid-4th century)
- 48 Circular-sectioned bone fragment. Missing. (ST 167, K IV 1, unphased)

Grinding stones and mortars

- 49 Square ashlar sandstone block with well finished sides, but unfinished base the upper surface of which has been used as a large palette, resulting in a smooth concave surface up to 18mm deeper than its edges. It is described here as a palette since the motion used on it was clearly circular, as opposed to the back and forward motion of a saddle quern. Perhaps used for grinding medicines, condiments, or food like a mortarium. Length 240mm, width max 185mm, weight 6kg+, height 96mm. Geology: sandstone, S2. (ST 144, D IV 2, unphased)
- 50 About half of a sub-square sandstone mortar: the end and half of two sides remain. The sides have been finished and smoothed, but the base is irregular and unfinished. Max surviving height 130mm, max surviving length 110mm, width 160mm, weight 1.90kg, diameter of mortar \leq 110mm, maximum surviving depth of mortar 90mm. Geology: sandstone, S2. (ST 26, B I 6, unphased)
- 51 A bun-shaped circular stone of some height. The upper grinding surface is smooth, heavily worn, and quite concave; the side and flat base are both fairly roughly shaped. There is no evidence of a feed pipe in the piece, suggesting it was a palette/grinding stone rather

than a quern. Weight \approx 6kg, diameter 290mm, stone height 107mm, grinding surface angle \approx 13°. Geology: conglomerate, C1. (ST 158, G IA 8, phase IX/X, late 4th century)

- 52 Three fragments comprising \approx 25% of the circumference of the grinding surface of a mortar. The grinding surface is strongly concave and worn very smooth with no trace of preparation and there is a flat, pecked area around it, 45-65mm wide. The vertical side is pecked and fairly roughly finished. The base is rough and unfinished. There is an example of a similar mortar from Tripontium (unpublished in the Warwickshire Museum). Weight 4.10kg, diameter \approx 300mm, stone thickness 70mm+, grinding surface angle \approx 30°. Geology: sandstone, S1. (ST 120, A XIV 29, unphased, late 2nd-late 3rd century)

Quernstones and millstones

The quernstones and millstones have been recorded on a pro forma and the same measurements made for each. Where these do not occur the particular feature was not present for recording.

- 53 A fragment from the circumference of an upper stone of a thin rotary quern of Curwen's (1937) Romano-British domestic type. It has a lightly worn grinding surface, a well-pecked insloping side, and a well-smoothed upper surface, possibly pecked before finishing. Weight 0.325kg, diameter \approx 300mm, stone thickness 37mm, grinding surface angle \approx 5°. Geology: a fairly fine grained breccia, O1. (ST 155, A V 98, unphased)
- 54 About half an upper stone of a rotary quern of Curwen's (1937) Romano-British domestic type. The grinding surface was pecked in the centre but the exterior 50mm is treated with radial grooves \approx 10mm apart, 5mm wide and 2mm deep and it shows some wear. The vertical side is pecked and well finished and the upper surface is pecked and reasonably finished (but less well than the side). The feed pipe appears to have been of rectangular shape \approx 10mm x 65mm. The grinding surface and the upper surface are not parallel so that the stone thins

markedly towards the centre. Weight \approx 10kg, diameter 450mm, stone thickness 50-75mm, grinding surface angle \approx 13°. Geology: conglomerate, C1. (ST 43, A XIV 29, unphased, late 2nd-late 3rd century)

55 About 95% of the lower stone of a rotary quern, probably of Romano-British domestic type (It may well pair with no 56). It is a bi-convex disc with a spindle hole 27mm in diameter and 32mm deep (which does not penetrate the base). The grinding surface was pecked and has heavy wear especially around the spindle hole. It has near-vertical, well-shaped sides and an irregular, rough base. Weight \approx 11kg, diameter 340mm, stone height 105mm, grinding surface angle \approx 9°. Geology: conglomerate, C1. (ST 42, A XIV 29, unphased, late 2nd-late 3rd century)

56 A fragment comprising \approx 15% of the upper stone of a rotary quern of Romano-British domestic type. It has a grinding surface with no evidence of preparation and showing some wear except for a band smoothed for around 17mm around the feed pipe, perhaps cut to improve grain flow to the grinding surface. The side is sloped inward a little and is pecked and well finished; the upper surface is well finished. The feed pipe is of slightly elliptical shape with a diameter of around 75mm and a length of 45mm. The handle was secured in a square cut rectangular slot in the upper surface \approx 30mm square and 72mm long. The stone thins towards the feed pipe from 65mm at the circumference to 45mm. Weight 3.80kg, diameter 350mm, stone thickness 65-45mm, grinding surface angle \approx 7°+. Geology: conglomerate, C1. (ST 117, A XIV 29, unphased, late 2nd-late 3rd century)

57 A complete lower stone in two pieces, probably from a beehive or Romano-British domestic-type quern. It has a grinding surface worn smooth in large areas, but not in others, and prepared by pecking. The unusual form is that of a convex disc with a concave and unusually well-finished base which is roughly pecked. The angle of the grinding surface varies from 7° on one side to 2° on the other. This and the

wear tend to suggest that it was used in an oscillating rather than a rotary manner. The spindle hole is 16mm in diameter and 14mm deep and does not penetrate the base. The side is vertical and pecked. Weight \approx 13kg, diameter 345mm, stone height 95mm, grinding surface angle \approx 2°-7°. Geology: millstone grit, M2. (ST 121, A XIV 29, unphased, late 2nd-late 3rd century)

- 58 About 80% of a millstone in nine fragments. It has a concentrically grooved surface (grooves \approx 25mm apart, 10mm wide and 8mm deep) worn heavily on one side especially, and least worn towards the feed pipe. The vertical sides are pecked and the upper surface is flat and roughly pecked with a collar 45mm wide and 10mm high running around the circumference. The feed pipe is 90mm in diameter, \approx 65mm long, and has two wedge-shaped slots running off from it, into which the mechanism for turning the stone would have fitted. It must have been driven by animal or water power and is in all probability from a water-mill. Weight \approx 85kg, diameter 650mm, stone height 145mm, grinding surface angle \approx 6°. Geology: millstone grit, M1. (ST 41, A XIV 29, unphased, late 2nd-late 3rd century)
- 59 About 25% from the upper stone of a rotary quernstone. It is probably of early Roman date. The side is vertical, pecked, and well shaped, and the upper surface is dished with a slight hopper and pecked and smoothed. The feed pipe is around 60mm in diameter and the grinding surface is pecked. There is a wedge-shaped handle slot cut into the upper surface, 85mm long, 8mm deep and from 55 to 16mm wide. Weight \approx 3.5kg, diameter 340mm, stone height 100mm, grinding surface angle $>$ 5°. Geology: millstone grit, M2. (ST 40, A XIV 29, unphased, late 2nd-late 3rd century)
- 60 Base stone of a rotary quern with non-penetrating spindle hole and angled grinding surface, probably of Romano-British domestic type. Missing. (ST 39, A XIV 29, unphased)

- 61 About 40% of the upper stone of a Romano-British domestic type with angled grinding surface and stone thinning towards the feed-pipe. There is a slight 'hopper' around the elliptical feed-pipe \pm 7mm deep. Grinding surface worn smooth. Upper surface and side well pecked. Weight 3.200kg, diameter 350mm, stone height 52mm, grinding surface angle indeterminable. Geology: Cl. (ST 118, A XIV 29, unphased)
- 62 Quernstone, missing. (ST 82, A XVI 17, unphased)
- 63 About half of a lower stone probably of a rotary quern with some wear on the grinding surface and no evidence of its preparation. The stone is a slightly convex disc shape. No surfaces survive on the sides. The spindle hole is 15mm in diameter by 21mm deep and does not penetrate the stone. The base is irregular and rough. Weight \pm 7+kg, diameter \pm 420mm, stone height 95mm, grinding surface angle indeterminable. Geology: conglomerate, Cl. (ST 88, A XVIIIA 2, unphased)
- 64 A fragment of Continental lava from a quern. Weight 0.050kg. (ST -, A XVIIIA 3, unphased)
- 65 Upper stone of a rotary quernstone of Romano-British domestic type. It has quite a steeply angled grinding surface flattening towards the circumference. The steeply angled centre of the stone is concentrically grooved with a band of radial grooves around the circumference. The feed-pipe would appear to be circular. Missing. (ST 156, A XVIIIB 10, unphased)
- 66 Three joining fragments comprising around 25% of an upper stone of a rotary quern of Romano-British domestic type, (or possibly a millstone, see 'Discussion of geology and typology below'). The grinding surface is worn and concentrically grooved near the centre. The side is vertical, pecked, and partly smoothed, and the upper surface is fairly flat and roughly pecked. The feed pipe is 90mm in diameter and 60mm long. From its edge, cut into the grinding surface.

is a rectangular slot 72mm long, 13mm deep and 30mm wide, presumably for bedding an iron rynd. Weight 7.85kg, diameter 500mm, stone thickness 70mm, grinding surface angle 11°. Geology: millstone grit, M2. (ST 159, A XVIIIB 14, unphased)

- 67 A fragment representing around 10% of the circumference of the lower stone of a rotary quern. Its general form is that of a convex disc, with a reasonably worn grinding surface with no evidence of preparation, a vertical, reasonably shaped side, and an irregular, roughly shaped, base. Nothing survives of the spindle hole. Weight 3.35kg, diameter \pm 400mm, stone height 75mm, grinding surface angle less than 7°. Geology: conglomerate, C1. (ST 161, A XVIIIB (V15), unphased)
- 68 Fragment from the circumference of a thin upper stone of a Romano-British domestic type quern. The grinding surface is well pecked and lightly worn. It has a vertical well-pecked side and a smooth, well-finished, upper surface parallel to the grinding surface. Weight 0.50kg, diameter \pm 350mm, stone thickness 33mm, grinding surface angle \pm 8°. Geology: sandstone, S3. (ST 24, B I 36, unphased)
- 69 A small fragment (\pm 9% of the circumference) of a flat, lower(?) millstone with a radially grooved and quite well worn grinding surface. The grooves are \pm 10mm wide, \pm 10mm apart, and now \pm 5mm deep. The outer 30mm of the grinding surface is \pm 10mm higher, suggesting that the upper stone was \pm 80mm less in diameter. The side is vertical and roughly dressed unlike the base. Weight 5.00kg, diameter \pm 550mm +, stone height 95mm, grinding surface angle - flat(?). Geology: millstone grit, M2. (ST 122, B IA 14, phase IV, mid- to late 4th century)
- 70 A fragment from the circumference of the upper stone of a Romano-British domestic-type quern. The grinding surface is worn fairly smooth and shows no trace of preparation. The side is

vertical, pecked, and well finished, and the upper surface is pecked and well finished. The stone thins towards the feed pipe. Cf Curwen 1937, fig 18. Weight 1.65kg, diameter \approx 300mm, stone thickness 40-30mm, angle of grinding surface \approx 8°. Geology: conglomerate, C1. (ST 86, B IA 20, unphased)

71 About 20% of the circumference of an upper stone of a thick 'rotary quern' of Romano-British domestic type (or possibly a millstone, see 'Discussion' below). It has a very smooth, worn grinding surface with no visible signs of preparation. The grinding surface has the unusual feature of a rectangular cut slot 45mm wide, 25mm deep, and at least 40mm long extending radially from the edge of the feed pipe which must have been used as a bedding for an iron rynd. The grinding surface is laterally concave strongly suggesting that it must have been used like a beehive quern with oscillating motions rather than as a rotary quern. The side is well pecked and the upper surface very roughly treated. There is a handle slot 17mm deep and 75mm long cut into the upper surface. Weight 5.05kg, diameter \approx 480mm, stone thickness 85mm, angle of grinding surface \approx 11°. Geology: sandstone, S5. (ST 13, B IV 4, unphased)

72 A fragment from the upper stone of a rotary quern of Romano-British domestic type. The grinding surface is prepared with radial grooves \approx 10mm apart, \approx 4mm wide, and \approx 2mm deep or cut in harps. The side is slightly insloping, pecked, and well finished, and the upper surface, parallel to the grinding surface, is poorly finished and pecked, with a collar 50mm wide and 10mm high around the feed pipe. Wright (pers comm) suggests 3rd-4th century parallels in Derbyshire and Yorkshire. Weight 3.80kg, stone diameter \approx 500mm, stone thickness 63mm, grinding surface angle: \approx 4°. Geology: conglomerate, C2. (ST 25, C I 3, unphased)

73 A fragment with none of the circumference or feed pipe edge from the upper stone of a rotary quern of Romano-British domestic type. It has a concentrically grooved grinding surface, with grooves \approx 17mm apart.

- g 8mm wide, and g 3mm deep, which is heavily worn. The upper surface, parallel to the grinding surface, is well pecked. Stone weight 4.35kg, stone diameter indeterminable, stone thickness 70mm, grinding surface angle indeterminable. Geology: millstone grit, M1. (ST 109, C IIIA 14, medieval; corn dryer walls)
- 74 A segment from the upper stone of a rotary quern of Romano-British domestic type. It has a slightly worn, well-pecked grinding surface and a vertical, pecked, and partly smoothed side. The upper surface is elaborately moulded and fully smoothed. The feed pipe is 50mm in diameter and 45mm long. It seems a most unusual piece: there are no decorated querns in the collection of over 180 from the Stanwick Villa site, Northants. Wright (pers comm) cites a similar stone from Winster, Derbyshire in millstone grit and a number of decorated stones from the rest of the county. Weight 3.65kg, diameter 500mm, stone thickness (max) 45mm, grinding surface angle 11°. Geology: conglomerate, C2. (ST 27, C IV 1, unphased)
- 75 A fragment representing less than 10% of the circumference of the upper stone of another unusual rotary quernstone of Romano-British domestic type with moulded decoration. The grinding surface is reasonably worn and was prepared by pecking. The well-moulded side has a groove around it dividing it into two unequal cordons and is fully smoothed. This could partly be for the attachment of a handle through use of an iron loop around the circumference, but it is probably just a decorative feature. The upper surface has an elaborate moulded decoration. Wright (pers comm) cites a good parallel to this in millstone grit from Aldwarke in Derbyshire (unpublished). Weight 1.75kg, diameter g 400mm, stone thickness 55-40mm, grinding surface angle g 4°. Geology: conglomerate, C1. (ST 101, D I 49, phase VI, mid- to late 4th century?)
- 76 Fragment from the circumference (g 120) of an upper stone from a rotary quern of Romano-British domestic type. The grinding surface is worn and may have originally been pecked. The side is vertical and

reasonably finished and the upper surface is also pecked and reasonably finished. Weight 1.85kg, diameter \approx 450mm, stone thickness 62mm, grinding surface angle indeterminable. Geology: conglomerate, C1. (ST 102, D I 49, phase VI, mid- to late 4th century?)

77 Fragment from the circumference (\approx 12%) of an upper stone of a rotary quern of Romano-British domestic type. It has a reasonably worn grinding surface with no evidence of preparation. The side is vertical and quite well finished. The upper surface is quite well finished and is parallel to the grinding surface. The spindle hole is of elliptical shape, to help secure the handle and has a minimum diameter of 64mm. Weight \approx 4kg, diameter 420mm, stone thickness 65mm, angle of grinding surface 11° . Geology: conglomerate, C1. (ST 103, D I 49, phase VI, mid- to late 4th century?)

78 A fragment from the circumference of an upper stone of a rotary quern of Romano-British domestic type or a millstone. The grinding surface, which is a little worn, is concentrically grooved. The grooves are \approx 10mm apart, 7mm wide, and 4mm deep. The side is vertical and roughly pecked and the upper surface is roughly pecked except on the collar around the circumference. The collar is \approx 65mm wide and 10mm high and has been smoothed. This, the low grinding angle, and the concentric grooving on the grinding surface tend to suggest that this was a millstone. Weight 1.90kg, diameter \approx 550mm, stone thickness 45mm, grinding surface angle 3° . Geology: millstone grit, M1. (ST 123, D I 92, phase VI, mid- to late 4th century?)

79 A fragment from the circumference of an upper stone of a rotary quernstone, probably a millstone given its large diameter \approx 0.65m and thickness \approx 0.09m. The upper surface of the stone is pecked and has a collar around the circumference. The grinding surface would appear to have been concentrically grooved. Missing. (ST 131, D I 101, phase VI, mid- to late 4th century?)

- 80 Four fragments of Continental lava from a quern. Weight 0.05kg. (SL 15, G I 2A)
- 81 Fragments of Continental lava from a quern. Weight 0.35kg. (SL 16, G I 2A)
- 82 Four fragments of Continental lava from a quernstone. Weight 0.05kg. (SL 20, G IV 11A)
- 83 A fragment of Continental lava from a quernstone. Weight 0.025kg. (SL 21, G IV 33, phase VI, late 4th century)
- 84 Fragments of Continental lava from a quernstone. Weight 0.07kg. (SL 22, G IV 45)
- 85 Fragments of Continental lava from a quernstone. Weight 0.10kg. (SL 23, G IV 52, phase IV, early to mid-4th century)
- 86 Around 35% of the circumference of an upper stone of a rotary quern of Romano-British domestic type. It has a well-worn grinding surface, especially towards the circumference, with no trace of preparation. The vertical side is well finished and smoothed as is the upper surface. The feed pipe is 80mm in diameter and 65mm long. The stone thins towards the feed pipe. There is a square-sectioned slot for bedding the handle cut into the upper surface. It is 25mm square and extends 75mm from the circumference. Cf Curwen 1937, fig 15. Weight 4.25kg, diameter 330mm, stone thickness 75-65mm, grinding surface angle 12°. Geology: conglomerate, C1. (ST 143, J II 8, phase VIII, 3rd century?)
- 87 Fragment from the circumference of the upper(?) stone of a rotary quernstone. The grinding surface is cut in harps with grooves generally 10mm apart and 13mm deep. It shows some wear, especially around the feed pipe. None of the side survives and the upper surface is roughly finished. The feed pipe is 60mm in diameter and there is a

slight 'hopper' 90mm in diameter and recessed 10mm below the upper surface of the stone around the feed pipe. Weight 1.85kg, diameter 440mm+, stone thickness 40mm, grinding surface angle indeterminable. Geology: conglomerate, C1. (ST 169, R I 24, unphased)

88 About 25% of the upper stone of a rotary quern of Romano-British domestic type. The grinding surface is finely pecked and shows some wear. The vertical side and upper surface are well shaped and finely pecked. There is a slight hopper around the feed pipe, the diameter of which is 65mm and its depth 20mm. The 'hopper' is \leq 100mm in diameter and 5mm deep. The stone thins towards the feed pipe. Weight 1.55kg, diameter 320mm, stone height 55mm, stone thickness 45-35mm, grinding surface angle 13°. Geology: sandstone, S6. (ST 172, K XIV 8, unphased)

Geology of the stone objects

John Crossling

Fourteen geological groups have been identified amongst the stonework. These are described below, followed by a discussion of the relationships between the geology and typology of the pieces.

Sandstones

S1 This is a well-cemented gritstone containing a mixture of materials - mainly quartz but also with feldspar and iron minerals. It has a resemblance to the ground mass of group C2 but shows no sign of the large pebbles.

S2 These specimens consist of medium- to fine-grained, buff-coloured sandstones. There is a good range of sedimentary structures; no 4 displays well-developed cross-bedding, and no 49 appears to show graded bedding within its units. All these features are typical of the Triassic sandstones of the area. No 4 in particular seems to be of a higher quality and has a very close resemblance to the Arden Sandstone which has been widely used as a building stone in central Warwickshire. No 49 may have a

slightly different source to the others as it is better cemented and has traces of calcium carbonate in its make up.

S3 It is a fairly fine-grained sandstone which is well cemented and contains a variety of minerals giving it a slightly pink tinge. The rock does have similarities to S1 but is much finer grained.

S4 This is from a well-bedded flaggy sandstone horizon. The sandstone is very dark in colour, a dark brown, speckled black and pink on a fresh surface, and therefore probably contains feldspar and iron minerals as well as quartz. It is very well cemented. This specimen is unlike anything else from the site and cannot be easily sourced.

S5 This is a medium-grained sandstone containing a few scattered pink quartz pebbles about 10mm across. It is well cemented. Again this seems to be unlike the other specimens and no source other than a very uncertain suggestion of Carboniferous Millstone Grit can be offered.

S6 A pinkish-coloured, fairly fine-grained sandstone containing some scattered quartz fragments up to c 10mm across. The rock is uniform and well cemented. On the rough back of the stone the rock displays a small grey net-like structure in places, which appears to be made up entirely of quartz.

S7 A fine grained sandstone. Well cemented but containing a surprisingly high amount of black iron minerals in its make up. Aside from the predominant quartz grains there is also some weathered feldspar and numerous traces of iron oxides on the surface. Conceivably this could be from a fine-grained horizon of the Millstone Grit.

S8 A dark pinkish fine-grained sandstone. The rock is made up, to a large extent, of fine quartz grains that are dark pink in colour due to iron staining. There are some more normal milky-coloured quartz grains and a few mica flakes, probably Muscovite mica. No source can be suggested.

S9 A very fine sandstone, grey, in milky quartz as the main constituent, some black iron minerals and white Muscovite mica. Extremely well cemented. Source indeterminable.

S10 A medium- to fine-grained brown sandstone. Homogenous and featureless with no apparent mica content. No source can be suggested.

S11 A fine grained buff/brown sandstone containing a few flakes of Muscovite mica. It appears to be finely bedded and the upper surface of 43 may be exploiting a natural feature along a lamination. This may be Carboniferous Coal Measure Sandstone the nearest source of which is in the Coventry area.

Siltstones

SI1 A dark grey pebble consisting of siltstone with traces of calcium carbonate. Such rock is widely distributed but is not found locally. The first reaction is to look towards Wales or even north Devon or perhaps the north of England or southern Scotland.

SI2 A brown/grey mudstone that is highly calcareous. It is completely uniform, featureless and lacking in any fossil remains. It is possible that it is from the Lower Lias sequence of the Jurassic, it is not Blue Lias limestone. This stone is unsuitable for grinding purposes except for giving a final polish to objects.

Millstone grits

M1 These specimens consist of pink-coloured coarse sandstone or gritstone. The stone is made up almost entirely of angular grains of milky quartz with a considerable amount of free iron oxide which is the reason for the striking pink coloration. The grain size is generally very uniform. However, a few scattered fragments reach up to approximately 5mm across. These specimens may be of carboniferous Millstone Grit. The amount of iron present is somewhat higher than the norm but there are considerable local variations which could account for this.

The source for this stone is north of Alcester. Derbyshire is one possibility although generally it is not so pink there. Staffordshire is also possible.

M2 These specimens are of a predominantly grey-coloured coarse sandstone or gritstone that is verging on being conglomeritic in parts. It consists of poorly sorted yet slightly rounded quartz grains. The quartz is mainly milky-coloured vein quartz; however, a lesser amount of pink stained grains are also present. The quartz fragments range up to 15mm across although this is not common. The broken surface of 57 displays a current bedding well and it was probably the presence of this that caused the quern to fracture.

This stone could conceivably be another group of Carboniferous Millstone grit but from a very different source to the iron-stained ones. In many ways this grey/buff colouration is more typical and Derbyshire is a strong possibility for its source.

Conglomerates

C1 These specimens consist of a distinctive coarse conglomerate. The most abundant clasts are of white vein quartz, which has subsequently been veined by pink staining probably due to the iron mineral haematite, up to 50mm in size.

The remainder of the clasts are brown or black quartzites with two notable exceptions in specimen 77 these appear to be a weathered black and white granite. The groundmass is a pinkish sandstone made up almost entirely of fairly angular quartz some of which is again iron stained.

As similar material is recorded from the Forest of Dean area I would suggest this as a likely source especially in view of the presence of haematite in that area which is apparent in these specimens.

Specimen 68 is rather finer grained and darker in colour, more brown than pink. No 87 is also in this category having a much smaller grain size and generally fewer of them. While No 87 has almost identical clasts to the 'normal' querns in this group it has a noticeable greenish tinge rather than pink. I feel that these variations are not great enough to put them

in a separate grouping and are probably indications of local variation in horizons and possibly from quarry to quarry.

C2 These two specimens could belong to the group of coarse conglomerates from the Forest of Dean area, group C1, however, there are differences which must draw doubts over such a conclusion.

No 74 is not so pink, does not contain as many or as large fragments of quartz which also do not show the distinctive pink veining.

No 72 is closer if anything but again lacks the pink coloration and while the quartz pebbles are as large there are not so many. Therefore I am uncertain about these.

Limestones

L1 These are pieces of calcareous tufa which is formed by the redeposition of calcium carbonate from super-saturated ground water. This occurs mainly in areas of Carboniferous Limestone; therefore Derbyshire, Staffordshire, and Shropshire are possible points of origin.

L2 These specimens consist of a fairly coarsely grained oolitic limestone in other words an oolitic limestone rich in fossil fragments and with a muddy matrix. It is a creamy white colour. The fossil fragments seem to be in the main molluscan and in particular bivalve and gastropod material. The evidence of bedding is indistinct but some cross bedding may be present. The rock displays all the typical features of Jurassic Oolitic Limestones, however, the white coloration is more indicative of the Great Oolite Series such as the Oxfordshire White Limestone rather than the more honey coloured 'Cotswold Stone' of the Inferior Oolite Series.

L3 These specimens consist of medium to coarse-grained oolitic limestone; a fossiliferous muddy oolite limestone that is yellow in colour.

The fossil material is predominantly of bivalve origin although there is much less of it than is contained in the white Oolite Limestone fragments.

The specimens with the exception of no 11 were all taken from fairly thick beds as indeed were the white oolites. No 11, however, exploited

very thinly bedded horizons to create the roof tile: such horizons are found at several levels within the Oolite Limestone sequence. The nature of these rocks plus the colour all indicate their origin as being 'Cotswold Stone' - Jurassic Oolitic Limestone of the Inferior Oolite Series. Such rocks can be found quite near to Alcester to the SE.

Other

01 This specimen is a fairly fine-grained breccia with the fragment consisting mainly of vein quartz of different colours. The cement contains a considerable amount of calcium carbonate making this a very unusual and distinctive rock quite unlike anything else from this site. Unfortunately a source cannot be suggested.