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Leadenham Quarry
~~Leadenham~~ WELBOURN
Lincolnshire

Archaeological Excavation

Volume 2

May 2001

Report No. 901

CLIENT

Waste Recycling Group plc

vol 2 of 2

EVENTS L12355 L12356
SOURCE L17016
61898 L182004
61899 L182010
61900 L182016
61901 L182033
60533 L160533
61902 L182034

Leadenham Quarry

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Archaeological Excavation

Volume 2: Contents

Appendix I	Inventory of primary archive
Appendix II	Inventory of contexts
Appendix III	Inventory of artefacts
Appendix IV	Inventory of environmental samples
Appendix V	Dimensions of features not mentioned in body text
Appendix VI	Specification for archaeological watching brief
Appendix VII	Project design for archaeological excavation
Appendix VIII	Prehistoric pottery information and Table A1
Appendix IX	Roman pottery information and Tables A2-A5
Appendix X	Medieval and post-medieval pottery Table A6
Appendix XI	Metalwork catalogue
Appendix XII	Industrial residues catalogue
Appendix XIII	Ceramic building materials catalogue
Appendix XIV	Flint Table A7
Appendix XV	Animal bone Tables A8-A11
Appendix XVI	Archaeobotanical Tables A12-15

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Appendix I

Inventory of primary archive

File no.	Description	Quantity
1	Context register	9
1	Context cards 1000-1170	166
2	Context registers	11
2	Context cards 1171-1400	212
3	Context registers	3
3	Context cards 1400-1451	51
3	Environmental samples register	9
3	Environmental sample forms	154
3	Small finds register	2
4	Context register	3
4	Context cards 001-071	70
4	Environmental samples register	1
4	Environmental samples sheets	6
4	Small finds register	2
4	Finds catalogue	4
4	APS daily site record sheet	19
5	APS survey plots	6
5	EDM data	27
5	Licence for the removal of human remains	4
5	Maps of the quarry area	4
6	APS drawing catalogue	2
6	APS small permatrace sheets	19
6	Drawing catalogue	19
6	Small permatrace sheets	35
Loose	Large permatrace sheets	34
7	APS photographic registers	2
7	Colour slides: Film 985	3 folders
7	Film 1012	1 folder
7	Film 1060	1 folder
	Film 1063	1 folder
	Film 1066	1 folder
7	Black and white contacts: Film 1054	1
7	Film 1055	1
7	Black and white negatives: Film 1054	1
7	Film 1055	1
7	Photographic registers	20
7	Black and white contacts: Film 5856	1
7	Film 5858	1
7	Film 5860	1
7	Film 5862	1
7	Film Linc. 2	1

File no.	Description	Quantity
7	Film Linc. 4	1
7	Film Linc. 5	1
7	Film Linc. 8	1
7	Film Linc. 10	1
7	Film Linc. 12	1
7	Black and white negatives: Film 5856	1
7	Film 5858	1
7	Film 5860	1
7	Film 5862	1
7	Film Linc. 2	1
7	Film Linc. 4	1
7	Film Linc. 5	1
7	Film Linc. 8	1
7	Film Linc. 10	1
7	Film Linc. 12	1
7	Colour transparencies: Film 5857	1
7	Film 5859	1
7	Film 5861	1
7	Film 5863	1
7	Film Linc. 1	1
7	Film Linc. 3	1
7	Film Linc. 6	1
7	Film Linc. 7	1
7	Film Linc. 9	1
7	Film Linc. 11	1

Appendix II

Inventory of contexts

Context	Site	Group	Structure	Phase	Description
001	LPR			4	Topsoil
002	LPR			4	Subsoil
003	LPR			4	Subsoil
004	LPR			4	Subsoil
005	LPR			unphased	Fill of 006
006	LPR			unphased	Cut of curvilinear feature possible geological
007	LPR			4	Subsoil
008	LPR			unphased	Fill of possible linear
009	LPR	1		1	Unexcavated deposit, fill of 010 Same as 1259?
010	LPR	1		1	Unexcavated deposit cut of posthole? Same as 1258?
011	LPR		1	3	Unexcavated fill of 012
012	LPR		1	3	Unexcavated cut of pit? Same as 1375
013	LPR		1	3	Fill of building (1? Same as 1180)
014	LPR		2	3	Fill of building (2?)
015	LPR			4	Subsoil?
016	LPR	SK1			Skeleton Fill of 018
017	LPR	SK1			Fill of 018
018	LPR	SK!			Cut of grave
019	LPR			3	Cut of linear feature/quarry pit
020	LPR			3	Fill of 019
021	LPR			3	Cut of quarry pit
022	LPR			3	Fill of 021
023	LPR			3	Fill of 021
024	LPR			3	Fill of 021
025	LPR			3	Cut of linear trackway
026	LPR			3	Fill of 025
027	LPR			3	Fill of 019
028	LPR			4	Subsoil
029	LPR			3	Fill of 038
030	LPR			3	Fill of 038
031	LPR			3	Fill of 038
032	LPR			3	Fill of 019
033	LPR			3	Fill of 019
034	LPR			3	Fill of 019
035	LPR			3	Fill of 019
036	LPR			3	Fill of 019
037	LPR			3	Fill of 019
038	LPR			3	Cut of pit
039	LPR			3	Cut of quarry pit
040	LPR			3	Cut of quarry pit

Context	Site	Group	Structure	Phase	Description
041	LPR			3	Cut of linear feature/ trackway
043	LPR			3	Cut of linear feature/ trackway
044	LPR			3	Fill of 043
045	LPR			3	Cut of linear feature/trackway
046	LPR			3	Fill of 045
047	LPR			3	Cut of quarry pit
048	LPR			3	Fill of 047
049	LPR			3	Fill of 047
050	LPR			3	Fill of 047
051	LPR			3	Fill of 039
052	LPR			3	Fill of 040
053	LPR			3	Fill of 039
054	LPR			3	Fill of 057
055	LPR			3	Fill of 057
056	LPR			3	Fill of 057
057	LPR			3	Cut of quarry pit
058	LPR			3	Unexcavated cut of sub-circular feature
059	LPR			3	Unexcavated fill of 058
060	LPR			3	Fill of 047
061	LPR			3	Cut of quarry pit
062	LPR			3	Fill of 061
063	LPR			3	Unexcavated cut of quarry pit
064	LPR			3	Unexcavated fill of 063
065	LPR			3	Fill of 061
066	LPR			3	Fill of 039
067	LPR			3	Fill of 039
068	LPR			3	Fill of 039
069	LPR			3	Fill of 039
070	LPR			3	Fill of 039
071	LPR			3	Fill of 040
1000	LQL			4	Topsoil
1001	LQL			unphased	Cut of pit
1002	LQL			unphased	Fill of 1001
1003	LQL			unphased	Cut of pit
1004	LQL			unphased	Fill of 1003
1005	LQL			unphased	Cut of pit
1006	LQL			unphased	Fill of 1005
1007	LQL			unphased	Cut of pit
1008	LQL			unphased	Fill of 1007
1009	LQL			unphased	Fill of 1007
1010	LQL			2	Cut of pit
1011	LQL			2	Fill of 1010
1012	LQL				Natural feature/pit
1013	LQL				Fill of 1012
1014	LQL			2	Cut of pit
1015	LQL			2	Fill of 1014

Context	Site	Group	Structure	Phase	Description
1016	LQL			unphased	Natural feature
1018	LQL			unphased	Fill of 1017
1019	LQL			unphased	Cut of pit
1020	LQL			unphased	Fill of 1019
1021	LQL			unphased	Cut of pit
1022	LQL			unphased	Fill of 1021
1023	LQL			unphased	Cut of pit
1024	LQL			unphased	Fill of 1023
1025	LQL	2		unphased	Cut of post-hole
1026	LQL	2		unphased	Fill of 1025
1027	LQL	2		unphased	Cut of post-hole
1028	LQL	2		unphased	Fill of 1027
1029	LQL	2		unphased	Cut of post-hole
1030	LQL	2		unphased	Fill of 1029
1031	LQL	2		unphased	Cut of post-hole
1032	LQL	2		unphased	Fill of 1031
1033	LQL	2		unphased	Cut of post-hole
1034	LQL	2		unphased	Fill of 1033
1035	LQL	2		unphased	Cut of post-hole
1036	LQL	2		unphased	Fill of 1035
1037	LQL		3	unphased	Cut of post-hole
1038	LQL			unphased	Cut of post-hole
1039	LQL			unphased	Fill of 1038
1040	LQL		3	unphased	Fill of 1037
1041	LQL		3	unphased	Cut of post-hole
1042	LQL		3	unphased	Fill of 1041
1043	LQL		3	unphased	Cut of post-hole
1044	LQL		3	unphased	Fill of 1043
1045	LQL			unphased	Pit/natural Feature
1046	LQL			unphased	Fill of 1045
1047	LQL		3	unphased	Cut of post-hole
1048	LQL		3	unphased	Fill of 1048
1049	LQL	2		unphased	Cut of post-hole
1050	LQL	2		unphased	Fill of 1049
1051	LQL	2		unphased	Cut of post-hole
1052	LQL	2		unphased	Fill of 1051
1053	LQL		3	unphased	Cut of post-hole
1054	LQL		3	unphased	Fill of 1053
1055	LQL		3	unphased	Cut of post-hole
1056	LQL		3	unphased	Fill of 1055
1057	LQL	2		unphased	Cut of post-hole
1058	LQL	2		unphased	Fill of 1057
1059	LQL			unphased	Cut of pit
1060	LQL			unphased	Fill of 1059
1061	LQL			unphased	Cut of post-hole
1062	LQL			unphased	Fill of 1061

Context	Site	Group	Structure	Phase	Description
1063	LQL			unphased	Cut of pit
1065	LQL			unphased	Cut of pit
1066	LQL			unphased	Fill of 1065
1067	LQL			unphased	Cut of pit
1068	LQL			unphased	Fill of 1067
1069	LQL			unphased	Natural feature/pit
1070	LQL			unphased	Fill of 1069
1071	LQL			3	Cut of pit
1072	LQL			3	Fill of 1071
1073	LQL			unphased	Cut of pit?
1074	LQL			unphased	Fill of 1073
1075	LQL			3	Cut of gully
1076	LQL			3	Fill of 1075
1077	LQL			unphased	Cut of pit?
1078	LQL			unphased	Fill of 1077
1079	LQL		5	unphased	Cut of post-hole
1080	LQL		5	unphased	Fill of 1079
1081	LQL		5	unphased	Cut of post-hole
1082	LQL		5	unphased	Fill of 1081
1083	LQL		5	unphased	Cut of post-hole
1084	LQL		5	unphased	Fill of 1084
1085	LQL		5	unphased	Cut of post-hole
1086	LQL		5	unphased	Fill of 1085
1087	LQL			unphased	Cut of post-hole
1088	LQL			unphased	Fill of 1087
1089	LQL		5	unphased	Cut of post-hole
1090	LQL		5	unphased	Fill of 1089
1091	LQL			unphased	Deposit/fill of unexcavated post-hole?
1092	LQL			unphased	Deposit/fill of unexcavated ridge and furrow?
1093	LQL	2		unphased	Deposit/fill of unexcavated post-hole?
1094	LQL			unphased	Deposit/fill of unexcavated post-hole?
1095	LQL			unphased	Cut of pit
1096	LQL			unphased	Ephemeral spread of material
1097	LQL			unphased	Deposit/fill of pit
1098	LQL			unphased	Deposit/fill of unexcavated pit?
1099	LQL	2		unphased	Cut of post-hole
1100	LQL	2		unphased	Fill of 1099
1101	LQL	2		unphased	Cut of post-hole
1102	LQL	2		unphased	Fill of 1101
1103	LQL			unphased	Natural feature
1104	LQL			unphased	Deposit/fill of unexcavated post-hole?
1105	LQL			unphased	Deposit/fill of unexcavated post-hole?
1107	LQL			unphased	Cut of pit
1108	LQL			unphased	Fill of 1107
1109	LQL			unphased	Cut of hearth
1110	LQL			unphased	Fill of 1109

Context	Site	Group	Structure	Phase	Description
1111	LQL			unphased	Fill of 1109
1113	LQL			unphased	Fill of 1112
1114	LQL			unphased	Deposit/fill of unexcavated post-hole?
1115	LQL			unphased	Deposit/fill of unexcavated pit?
1116	LQL			unphased	Fill of 1109
1117	LQL			unphased	Cut of pit
1118	LQL			unphased	Fill of 1117
1119	LQL			unphased	Cut of pit
1120	LQL			unphased	Fill of 1119
1121	LQL		4	unphased	Cut of post-hole
1122	LQL		4	unphased	Fill of 1121
1123	LQL		4	unphased	Cut of post-hole
1124	LQL		4	unphased	Fill of 1123
1125	LQL		4	unphased	Cut of post-hole
1126	LQL		4	unphased	Fill of 1125
1127	LQL			unphased	Cut of pit
1128	LQL			unphased	Fill of 1127
1129	LQL			unphased	Cut of gully
1130	LQL			unphased	Fill of 1129
1131	LQL			unphased	Deposit/fill of unexcavated pit?
1132	LQL			unphased	Cut of post-hole
1133	LQL			unphased	Fill of 1132
1134	LQL			unphased	Deposit/fill of unexcavated pit?
1135	LQL			unphased	Cut of pit
1136	LQL			unphased	Cut of pit
1137	LQL			unphased	Fill of 1136
1138	LQL			unphased	Fill of 1135
1139	LQL			unphased	Fill of 1135
1140	LQL			unphased	Fill of 1135
1141	LQL			unphased	Fill of 1109
1142	LQL			unphased	Cut of post-hole
1143	LQL			unphased	Fill of 1142
1144	LQL			unphased	Deposit/fill of unexcavated post-hole?
1145	LQL			unphased	Deposit/fill of unexcavated post-hole?
1146	LQL			unphased	Deposit/fill of unexcavated feature
1147	LQL			unphased	Deposit/fill of unexcavated feature
1148	LQL			unphased	Cut of pit
1149	LQL			unphased	Fill of 1148
1150	LQL			unphased	Cut of pit
1151	LQL			unphased	Fill of 1150
1152	LQL			unphased	Cut of pit
1153	LQL			unphased	Fill of 1152
1154	LQL			unphased	Cut of pit
1155	LQL			unphased	Fill of 1154
1156	LQL			unphased	Deposit/fill of unexcavated pit?
1157	LQL			unphased	Cut of pit

Context	Site	Group	Structure	Phase	Description
1158	LQL			unphased	Fill of 1157
1160	LQL			unphased	Fill of 1159
1161	LQL			unphased	Deposit/fill of unexcavated post-hole?
1162	LQL			unphased	Deposit/fill of unexcavated post-hole?
1163	LQL			unphased	Cut of pit
1164	LQL			unphased	Fill of 1163
1165	LQL		5	unphased	Cut of pit
1166	LQL		5	unphased	Fill of 1065
1167	LQL			unphased	Cut of pit
1168	LQL			unphased	Fill of 1167
1169	LQL			unphased	Fill of 1095
1170	LQL			unphased	Cut of pit
1171	LQL			unphased	Fill of 1170
1172	LQL			unphased	Cut of gully
1173	LQL			unphased	Fill of 1172
1174	LQL			unphased	Cut of oval feature
1175	LQL			unphased	Fill of 1174
1176	LQL			unphased	Deposit/fill of unexcavated pit?
1177	LQL			unphased	Deposit/fill of unexcavated post-hole?
1178	LQL			3	Cut of pit
1179	LQL			3	Fill of 1178
1180	LQL		1	3	Deposit/fill of Structure 1, demolition, same as 1228
1181	LQL			unphased	Cut of post-hole
1182	LQL			unphased	Fill of 1181
1183	LQL			unphased	Cut of post-hole
1184	LQL			unphased	Fill of 1183
1185	LQL			unphased	Deposit/fill of unexcavated pit?
1186	LQL			unphased	Deposit/fill of unexcavated pit?
1187	LQL			3	Fill of 1178
1188	LQL			unphased	Cut of pit
1189	LQL			unphased	Fill of 1188
1190	LQL			unphased	Cut of pit
1191	LQL			unphased	Fill of 1190
1192	LQL			unphased	Fill of 1190
1193	LQL			unphased	Cut of pit
1194	LQL			unphased	Fill of 1193
1195	LQL			unphased	Fill of 1193
1196	LQL			unphased	Cut of pit
1197	LQL			unphased	Fill of 1196
1198	LQL			unphased	Fill of 1196
1199	LQL			unphased	Cut of pit
1200	LQL			unphased	Fill of 1199
1201	LQL			unphased	Cut of pit
1202	LQL			unphased	Fill of 1201
1203	LQL			unphased	Cut of post-hole
1204	LQL			unphased	Fill of 1203

Context	Site	Group	Structure	Phase	Description
1205	LQL			unphased	Fill of 1203
1206	LQL			unphased	Cut of post-hole
1207	LQL			unphased	Fill of 1206
1208	LQL			unphased	Cut of post-hole
1209	LQL			unphased	Fill of 1209
1210	LQL			unphased	Cut of pit
1211	LQL			unphased	Fill of 1210
1212	LQL			unphased	Deposit/fill of unexcavated post-hole?
1213	LQL			unphased	Deposit/fill of unexcavated pit?
1214	LQL			unphased	Deposit/fill of unexcavated pit?
1215	LQL			unphased	Deposit/fill of unexcavated pit?
1216	LQL			unphased	Deposit/fill of unexcavated pit?
1217	LQL			unphased	Deposit/fill of unexcavated pit?
1218	LQL			unphased	Deposit/fill of unexcavated pit?
1219	LQL			unphased	Deposit/fill of unexcavated pit?
1220	LQL			3	Cut of quarry pit
1221	LQL			3	Fill of 1220
1222	LQL			3	Fill of 1220
1223	LQL			3	Fill of 1220
1224	LQL			4	Fill of 1220
1225	LQL			3	Fill of 1220
1226	LQL	1		1	Cut of pit
1227	LQL	1		1	Fill of 1226
1228	LQL		1	3	Deposit/Fill within Structure 1, demolition, same as 1180
1229	LQL		2	3	Deposit within Structure 2
1230	LQL		1	3	Same as 1239
1232	LQL		1	3	Fill of 1375
1233	LQL		1	3	Deposit within Structure 1, same as 1180
1234	LQL		1	3	Deposit filling flue 1243 within Structure 1
1235	LQL		1	3	Cut of flue
1237	LQL		1	3	Same as 1228
1238	LQL		2	3	Deposit within Structure 2
1239	LQL		1	3	Floor surface within Structure 1
1240	LQL		1		Masonry :internal division within Structure 1
1242	LQL		1	3	Primary charcoal fill of flue
1243	LQL		1	3	Masonry: lining for flue in Structure 1
1245	LQL		1	3	Masonry: internal division within Structure 1
1246	LQL			3	Cut of pit
1247	LQL		2	3	Fill of flue within Structure 2, same as 1312, 1287
1248	LQL			3	Fill of 1246
1249	LQL		2	3	Layer, metalled floor surface
1250	LQL		2	3	Layer/deposit within Structure 2
1251	LQL			3	Fill of 1439
1252	LQL			3	Fill of 1441
1253	LQL			unphased	Cut of pit
1254	LQL			unphased	Fill of 1253

Context	Site	Group	Structure	Phase	Description
1256	LQL	1		1	Cut of pit
1257	LQL	1		1	Fill of 1256
1258	LQL	1		1	Cut of pit
1259	LQL	1		1	Fill of 1258
1260	LQL	1		1	Cut of pit
1261	LQL	1		1	Fill of 1260
1262	LQL			3	Fill of 1220
1263	LQL			3	Fill of 1220
1264	LQL			3	Fill of 1220
1265	LQL	1		1	Deposit/fill of unexcavated post-hole?
1266	LQL	1		1	Deposit/fill of unexcavated pit?
1267	LQL	1		1	Deposit/fill of unexcavated pit?
1268	LQL	1		1	Deposit/fill of unexcavated pit?
1269	LQL	1		1	Cut of ditch
1270	LQL	1		1	Fill of 1269
1271	LQL	1		1	Cut of ditch, same as 1273
1272	LQL	1		1	Fill of 1271
1273	LQL	1		1	Cut of ditch, same as 1271
1274	LQL	1		1	Fill of 1273
1275	LQL	1		1	Cut of pit
1276	LQL	1		1	Fill of 1275/1316
1277	LQL	1		1	Cut of pit
1278	LQL	1		1	Fill of 1277
1279	LQL			unphased	Cut of pit
1280	LQL			unphased	Fill of 1279
1281	LQL			unphased	Cut of pit
1282	LQL			unphased	Fill of 1281
1283	LQL	1		1	Cut of ditch
1284	LQL			unphased	Deposit/fill of unexcavated pit?
1285	LQL			unphased	Cut of pit
1286	LQL		2	3	Fill of 1314
1287	LQL		2	3	Fill of 1314
1288	LQL			unphased	Fill of 1285
1289	LQL			unphased	Deposit/fill of unexcavated pit?
1290	LQL			unphased	Deposit/fill of unexcavated pit?
1292	LQL	1		1	Deposit/fill of unexcavated pit?
1293	LQL	1		1	Deposit/fill of unexcavated post-hole?
1294	LQL	1		1	Deposit/fill of unexcavated ditch?
1296	LQL			unphased	Cut of pit
1297	LQL			unphased	Fill of 1296
1298	LQL			unphased	Cut of pit
1299	LQL			unphased	Fill of 1298
1300	LQL			unphased	Cut of pit
1301	LQL			unphased	Fill of 1300
1302	LQL			unphased	Cut of pit
1303	LQL			unphased	Fill of 1302
1304	LQL			unphased	Cut of pit

Context	Site	Group	Structure	Phase	Description
1305	LQL			unphased	Fill of 1304
1307	LQL			unphased	Deposit/fill of unexcavated post-hole?
1308	LQL			unphased	Deposit/fill of unexcavated post-hole?
1309	LQL			unphased	Deposit/fill of unexcavated post-hole?
1310	LQL			unphased	Deposit/fill of unexcavated post-hole?
1311	LQL			unphased	Deposit/fill of unexcavated post-hole?
1312	LQL		2	3	Fill of Structure 2, same as 1287, 1347
1313	LQL		2	3	Fill of Structure 2, same as 1287, 1312
1314	LQL		2	3	Cut of stoke hole within Structure 2
1315	LQL		2	3	Fill of 1314
1316	LQL	1		1	Cut of post-hole?
1317	LQL		1	3	Fill of construction cut 1235
1318	LQL		1	3	Masonry external wall of Structure 1
1320	LQL		1	3	Masonry external wall of Structure 1
1321	LQL	1		1	Fill of 1275
1322	LQL		1	3	Masonry external wall of Structure 1
1323	LQL		1	3	Cut within Structure 1
1324	LQL		1	3	Masonry internal partition within Structure 1
1325	LQL			unphased	Cut of pit
1326	LQL			unphased	Fill of 1325
1327	LQL			unphased	Cut of pit
1328	LQL			unphased	Fill of 1327
1329	LQL	1		1	Fill of 1283
1330	LQL			unphased	Cut of pit
1331	LQL			unphased	Fill of 1330
1332	LQL			unphased	Cut of pit
1333	LQL			unphased	Fill of 1332
1334	LQL			unphased	Deposit/fill of unexcavated post-hole?
1335	LQL			unphased	Deposit/fill of unexcavated post-hole?
1336	LQL			unphased	Deposit/fill of unexcavated post-hole?
1337	LQL			unphased	Cut of pit
1338	LQL			unphased	Fill of 1337
1339	LQL			unphased	Cut of pit
1340	LQL			unphased	Fill of 1339
1341	LQL			unphased	Cut of pit
1342	LQL			unphased	Fill of 1341
1343	LQL			unphased	Fill of 1341
1344	LQL			unphased	Cut of pit
1345	LQL			unphased	Fill of 1344
1346	LQL			unphased	Cut of pit
1347	LQL			unphased	Fill of 1346
1348	LQL			unphased	Cut of post-hole
1349	LQL			unphased	Fill of 1348
1351	LQL			unphased	Deposit/fill of unexcavated pit?
1352	LQL			unphased	Deposit/fill of unexcavated pit?
1353	LQL			unphased	Deposit/fill of unexcavated post-hole?
1354	LQL			unphased	Deposit/fill of unexcavated pit?

Context	Site	Group	Structure	Phase	Description
1355	LQL			unphased	Cut of pit
1356	LQL			unphased	Fill of 1355
1357	LQL			unphased	Deposit/fill of unexcavated pit?
1358	LQL			unphased	Cut of pit
1359	LQL			unphased	Fill of 1358
1360	LQL			unphased	Deposit/fill of unexcavated post-hole?
1361	LQL			unphased	Cut of pit
1362	LQL			unphased	Fill of 1361
1363	LQL			unphased	Deposit/fill of unexcavated pit?
1364	LQL			unphased	Fill of 1425
1365	LQL			unphased	Cut of pit
1366	LQL			unphased	Fill of 1365
1367	LQL			unphased	Deposit/fill of unexcavated stake-hole?
1368	LQL			unphased	Deposit/fill of unexcavated post-hole?
1369	LQL			unphased	Cut of post-hole
1370	LQL			unphased	Fill of 1369
1371	LQL			unphased	Fill of 1302
1372	LQL		1	3	Same as 1317
1373	LQL		1	3	Fill of 1375
1374	LQL		1	3	Masonry internal wall division within Structure 1
1375	LQL		1	3	Cut containing Structure 1, same as 1375
1377	LQL			unphased	Cut of pit
1378	LQL			unphased	Fill of 1377
1379	LQL			3	Cut of ditch
1380	LQL			3	Fill of 1379
1381	LQL			3	Fill of 1379
1382	LQL			unphased	Deposit/fill of unexcavated post-hole?
1383	LQL			unphased	Deposit/fill of unexcavated post-hole?
1384	LQL			unphased	Deposit/fill of unexcavated post-hole?
1385	LQL			unphased	Deposit/fill of unexcavated post-hole?
1386	LQL			unphased	Deposit/fill of unexcavated post-hole?
1387	LQL			unphased	Cut of pit
1388	LQL			unphased	Fill of 1387
1389	LQL			unphased	Cut of pit
1390	LQL			unphased	Fill of 1389
1391	LQL			unphased	Deposit/fill of unexcavated post-hole?
1392	LQL		2	3	Construction cut of Structure 2
1393	LQL		2	3	Masonry of Structure 2
1394	LQL		2	3	Masonry flue within Structure 2
1395	LQL		2	3	Masonry flue within Structure 2
1396	LQL		2	3	Masonry flue within Structure 2
1397	LQL		2	3	Masonry flue within Structure 2
1398	LQL		2	3	Cut of shallow depression associated with Structure 2
1399	LQL		2	3	Masonry external wall of Structure 2
1400	LQL			unphased	Cut of pit
1401	LQL			unphased	Fill of 1400

Context	Site	Group	Structure	Phase	Description
1402	LQL			unphased	Cut of pit
1403	LQL			unphased	Fill of 1402
1404	LQL			unphased	Deposit/fill of unexcavated pit?
1405	LQL			unphased	Deposit/fill of unexcavated pit?
1406	LQL			unphased	Cut of post-hole
1407	LQL			unphased	Fill of 1406
1408	LQL			unphased	Cut of pit
1409	LQL			unphased	Fill of 1408
1410	LQL			unphased	Cut of pit
1411	LQL			unphased	Fill of 1410
1412	LQL			unphased	Cut of pit
1413	LQL			unphased	Fill of 1412
1414	LQL			unphased	Deposit/fill of unexcavated pit?
1415	LQL			unphased	Deposit/fill of unexcavated post-hole?
1416	LQL			3	Fill of 1451
1417	LQL			unphased	Cut of pit
1418	LQL			unphased	Fill of 1417
1419	LQL			3	Cut of pit
1420	LQL			3	Fill of 1419
1421	LQL		2	3	Cut of wall foundation associated with Structure 2, same as 1398
1422	LQL		2	3	Fill of 1421
1423	LQL		1	3	Masonry stone flagged floor within Structure 1
1424	LQL		1	3	Deposit within Structure 1
1425	LQL			unphased	Cut of linear feature
1426	LQL		1	3	Deposit, backfill of flue within Structure 1
1427	LQL			unphased	Deposit/fill of unexcavated post-hole?
1428	LQL			unphased	Deposit/fill of unexcavated post-hole?
1429	LQL			unphased	Deposit/fill of unexcavated post-hole?
1430	LQL			unphased	Deposit/fill of unexcavated post-hole?
1431	LQL			unphased	Deposit/fill of unexcavated post-hole?
1432	LQL			unphased	Deposit/fill of unexcavated post-hole?
1433	LQL			unphased	Layer of burning within 1402
1434	LQL			unphased	Deposit/fill of unexcavated pit?
1435	LQL			unphased	Deposit/fill of unexcavated pit?
1436	LQL			unphased	Deposit/fill of unexcavated pit?
1437	LQL			unphased	Deposit/fill of unexcavated pt?
1438	LQL			unphased	Deposit/fill of unexcavated pit?
1439	LQL			3	Cut of quarry pit
1440	LQL			3	Fill of 1439
1441	LQL			3	Cut of quarry pit same as 1439
1442	LQL			3	Fill of 1441
1443	LQL			unphased	Deposit/fill of unexcavated pit
1444	LQL			unphased	Deposit/fill of unexcavated ephemeral feature
1445	LQL			unphased	Deposit/fill of unexcavated pit?
1446	LQL			unphased	Deposit/fill of unexcavated post-hole?
1447	LQL		1	3	Fill of Structure 1

Context	Site	Group	Structure	Phase	Description
1448	LQL		5	unphased	Possible post-hole
1449	LQL			unphased	Cut of Hearth
1450	LQL		1	3	Cut of Stokehole within Structure 1
1451	LQL			3	Cut of Ephemeral feature

Appendix III

Inventory of artefacts

Pottery

Prehistoric

Context	Site	Small Find Number	Description	Quantity
002	LPR		Prehistoric pot	3
007	LPR			5
009	LPR			73
1015	LQL			1
1028	LQL			1
1030	LQL			1
1040	LQL			1
1091	LQL			1
1110	LQL			1
1155	LQL			3
1179	LQL			1
1257	LQL			2
1278	LQL			10
1380	LQL			2
1440	LQL			1
	Total			**106**

Roman

Context	Site	Small Find Number	Description	Quantity
U/S	LPR		Roman pot	2
001	LPR			21
001-Strip3	LPR			5
001- Strip3 (B3)	LPR			5
001-Strip 4	LPR			11
001- Strip 6	LPR			5
003- Strip 3	LPR			1
003- Strip 5	LPR			13
007	LPR			1
013	LPR			1
015	LPR			6
020	LPR			1
022	LPR			1
026	LPR			1
048	LPR			3
049	LPR			3
050	LPR			7
059	LPR			3
1072	LQL			1
1162	LQL			1

Context	Site	Small Find Number	Description	Quantity
1179	LQL		Roman Pot	2
1180	LQL			22
1180/US	LQL			7
1222	LQL			16
1224	LQL			17
1228	LQL			24
1232	LQL			47
1233	LQL			2
1234	LQL			2
1238	LQL			13
1247	LQL			19
1286	LQL	115		41 (including complete pot)
1287	LQL			11
1372	LQL			1
1313	LQL			6
1380	LQL			5
1380/US	LQL			4
1416	LQL			10
1420	LQL			5
1440	LQL			2
U/S Grid980/1140	LQL			1
	Total			**349**

Medieval and post-medieval

Context	Site	Small Find Number	Description	Quantity
U/S	LPR		Post-medieval pot	3
001	LPR		Post-medieval pot	13
001-strip 4	LPR		Post-medieval pot	3
001-strip6	LPR		Post-medieval pot	2
003	LPR		Medieval and post-medieval pot	2
1224	LQL		Glazed post-medieval pot	1
	Total			**24**

Metalwork

Context	Site	Small Find Number	Description	Quantity
?	LPR	14	Cu alloy obj.	1
?	LPR	16	Fe nail	1
?	LPR	13	Pb obj.	1
?	LPR	18	Pb obj.	1
U/S	LPR	11	Fe nail	1
U/S	LPR	17	Fe nail	1
001	LPR	12	Fe nail	1
001	LPR	15	Cu alloy coin	1

Context	Site	Small Find Number	Description	Quantity
001	LPR	19	Pb obj.	1
001	LPR	20	Fe Nail	1
001	LPR	21	Cu alloy	1
001	LPR	22	Fe nail	1
001	LPR	23	Fe nail	1
001	LPR	24	Fe nail	1
001	LPR	25	Cu alloy coin	1
001	LPR		Fe nails	4
001	LPR		Fe objects	2
014	LPR	1	Cu alloy coin	1
014	LPR	2	Pb obj.	1
014	LPR	3	Pb obj.	1
014	LPR	4	Pb frags	2
014	LPR	5	Fe obj.	1
014	LPR	6	Fe nail	1
014	LPR	7	Fe nail	1
014	LPR	8	Fe nail	1
014	LPR	9	Cu alloy coin	1
014	LPR	10	Pb obj.	1
1180	LQL	104	Fe nail	1
1224	LQL		Fe obj.	2
1228	LQL	107	Fe nail	1
1229	LQL	105	Fe nail	1
1229	LQL	106	Fe nail	1
1286	LQL	112	Fe hinge	1
1286	LQL	109	Fe nail	1
1286	LQL	108	Fe nail	1
1286	LQL	113	Fe nail	1
1286	LQL	110	Fe nail	1
1286	LQL	114	Fe nail	1
1286	LQL	111	Fe nail	1
1286	LQL	120	Fe nail	1
1286	LQL	119	Fe nail	1
1313	LQL		Fe nail	1
1380	LQL		metal	1
1440	LQL	103	coin	1
1440	LQL		Fe nail	1
	Total			**47**

Slag and industrial residue

Context	Site	Small Find Number	Description	Quantity
001 Strip 3	LPR		Industrial residue	1
001 Strip 4	LPR		Industrial residue	2
001 Strip 6	LPR		Slag	1
001 Strip 6	LPR		Industrial residue	1
015	LPR		Slag	1
1420	LQL		Slag	1
1228	LQL		Slag	2
	Total			9

Ceramic building material

Context	Site	Small Find Number	Description	Quantity
U/S	LPR		CBM	5
001	LPR		Brick/tile	1
001 Strip 4	LPR		Brick/tile	3
015	LPR		Brick/tile	1
022	LPR		Tile	1
1076	LQL		Burnt clay?	6
1180	LQL		Tile	1
1222	LQL		CBM	1
1230	LQL		CBM	2
1380	LQL		Brick	1
	Total			**22**

Flint

Context	Site	Small Find Number	Description	Quantity
U/S	LQL		Flint	5
001	LPR		Flint	3
001 Strip 3	LPR		Flint	1
001 Strip 4	LPR		Flint	1
003	LPR		Flint	2
003 Strip 5	LPR		Flint	2
007	LPR		Flint	3
015	LPR		Flint	1
024	LPR		Flint	2
050	LPR		Flint	1
051	LPR		Flint	1
1013	LQL	100	Flint	1
1018	LQL	101	Flint	1
1091	LQL		Flint	1
1179	LQL		Flint	1
1180	LQL		Flint	1

Context	Site	Small Find Number	Description	Quantity
1222	LQL		Flint	1
1224	LQL		Flint	3
1228	LQL	118	Flint	7
1234	LQL		Flint	1
1242	LQL		Flint	3
1276	LQL		Flint	1
1278	LQL		Flint	3
1418	LQL		Flint	1
1440	LQL		Flint	1
	Total			**48**

Stone objects

Context	Site	Small Find Number	Description	Quantity
1312	LQL	121	Millstone	1
1312	LQL	116	Millstone	1
1312	LQL	117	Millstone	1
	Total			**3**

Miscellaneous

Context	Site	Small Find Number	Description	Quantity
001	LPR		Glass	2
001 Strip 1	LPR		Clay pipe	1
001 Strip 3	LPR		Quartz	1
001 Strip 3	LPR		Stone	1
001 Strip 6	LPR		Clay pipe	1
024	LPR		Burnt stone	1
025	LPR		Burnt stone	1
050	LPR		Burnt stone	1
051	LPR		Burnt stone	1
052	LPR		Burnt stone	1
059	LPR		Burnt stone	1
1222	LQL		Stone	1
1403	LQL		Stone	1
	Total			**18**

Human bone

Context	Site	Small Find Number	Description	Quantity
016	LPR		Human bone	122
1222	LQL			1
	Total			**123**

Animal bone

Context	Site	Description	Quantity
U/S	LQL	Animal bone	3
001	LPR	Animal bone	3
007	LPR	Animal bone	8
009	LPR	Animal bone	12
011	LPR	Animal bone	3
022	LPR	Animal bone	1
048	LPR	Animal bone	15
050	LPR	Animal bone	23
051	LPR	Animal bone	4
060	LPR	Animal bone	13
1018	LQL	Animal bone	1
1039	LQL	Animal bone	1
1040	LQL	Animal bone	2
1042	LQL	Animal bone	1
1044	LQL	Animal bone	1
1046 (nr to)	LQL	Animal bone	1
1056	LQL	Animal bone	1
1100	LQL	Animal bone	1
1110	LQL	Animal bone	1
1120	LQL	Animal bone	24
1179	LQL	Animal bone	2
1180	LQL	Animal bone	128
1221	LQL	Animal bone	77
1222	LQL	Animal bone	320
1224	LQL	Animal bone	47
1225	LQL	Animal bone	33
1228	LQL	Animal bone	142
1230	LQL	Animal bone	6
1232	LQL	Animal bone	86
1234	LQL	Animal bone	31
1238	LQL	Animal bone	2
1239	LQL	Animal bone	37
1242	LQL	Animal bone	49
1248	LQL	Burnt bone (animal)	79
1257	LQL	Animal bone	2
1261	LQL	Animal bone	2
1264	LQL	Animal bone	4
1270	LQL	Animal bone	1
1276	LQL	Animal bone	3
1278	LQL	Animal bone	48
1286	LQL	Animal bone	63
1287	LQL	Animal bone	10
1312	LQL	Animal bone	157
1313	LQL	Animal bone	4
1347	LQL	Animal bone	1

Context	Site	Description	Quantity
1372	LQL	Animal bone	2
1380	LQL	Animal bone	27
1416	LQL	Animal bone	2
1420	LQL	Animal bone	1
1440	LQL	Animal bone	222
	Total		**1707**

Appendix IV

Inventory of environmental samples

Sample	Context	Site	Type	Description	Processed
1	017	LPR	GBA/ artefact retrieval	Deposit filling grave 018	Y
2	027	LPR	GBA	Deposit filling 019	Y
3	024	LPR	GBA	Deposit filling quarry pit 021	Y
4	060	LPR	GBA/ carbon sample	Deposit filling quarry pit 047	Y
5	052	LPR	GBA	Deposit filling quarry pit	Y
6	053	LPR	GBA	Deposit filling	Y
100	1018	LQL	GBA	Deposit filling pit 1017	Y
101	1020	LQL	GBA	Deposit filling pit 1019	
102	1022	LQL	GBA	Deposit filling pit 1021	
103	1011	LQL	GBA	Deposit filling pit 1010	
104	1015	LQL	GBA	Deposit filling pit 1014	
105	1039	LQL	GBA	Deposit filling post-hole 1038	Y
106	1024	LQL	GBA	Deposit filling pit 1023	
107	1026	LQL	GBA	Deposit filling post-hole 1025	Y
108	1028	LQL	GBA	Deposit filling post-hole 1027	Y
109	1030	LQL	GBA	Deposit filling post-hole 1029	Y
110	1032	LQL	GBA	Deposit filling post-hole 1031	Y
111	1034	LQL	GBA	Deposit filling post-hole 1033	
112	1036	LQL	GBA	Deposit filling post-hole 1035	
113	1040	LQL	GBA	Deposit filling post-hole 1037	Y
114	1042	LQL	GBA	Deposit filling post-hole 1041	Y
115	1044	LQL	GBA	Deposit filling post-hole 1043	Y
116	1013	LQL	GBA	Deposit filling pit 1013	Y
117	1016	LQL	GBA	Deposit from natural feature 1016	
118	1046	LQL	GBA	Deposit filling pit/natural feature 1045	
119	1048	LQL	GBA	Deposit filling post-hole 1048	Y
120	1050	LQL	GBA	Deposit filling post-hole 1049	Y
121	1052	LQL	GBA	Deposit filling post-hole 1051	Y
122	1054	LQL	GBA	Deposit filling post-hole 1053	Y
123	1056	LQL	GBA	Deposit filling post-hole 1055	Y
124	1058	LQL	GBA	Deposit filling post-hole 1057	Y
125	1066	LQL	GBA	Deposit filling pit 1065	
126	1068	LQL	GBA	Deposit filling pit 1067	
127	1062	LQL	GBA	Deposit filling post-hole 1061	
128	1060	LQL	GBA	Deposit filling pit 1059	
129	1026	LQL	GBA	Deposit filling post-hole 1025	
130	1072	LQL	GBA	Deposit filling pit 1071	Y
131	1074	LQL	GBA	Deposit filling pit? 1073	
132	1070	LQL	GBA	Deposit filling pit/natural feature 1069	

Sample	Context	Site	Type	Description	Processed
133	1078	LQL	GBA	Deposit filling pit? 1077	
134	1080	LQL	GBA	Deposit filling post-hole 1079	Y
135	1082	LQL	GBA	Deposit filling post-hole 1081	Y
136	1084	LQL	GBA	Deposit filling post-hole 1084	Y
137	1086	LQL	GBA	Deposit filling post-hole 1085	Y
138	1088	LQL	GBA	Deposit filling post-hole 1087	
139	1090	LQL	GBA	Deposit filling post-hole 1089	Y
140	1100	LQL	GBA	Deposit filling post-hole 1099	Y
141	1102	LQL	GBA	Deposit filling post-hole 1101	Y
142	1108	LQL	GBA	Deposit filling pit 1107	
143	1113	LQL	GBA	Deposit filling pit 1112	
144	1110	LQL	GBA	Deposit filling hearth 1109	Y
145	1116	LQL	GBA	Deposit filling hearth 1109	Y
146	1118	LQL	GBA	Deposit filling pit 1117	
147	1120	LQL	GBA	Deposit filling pit 1119	
148	1122	LQL	GBA	Deposit filling post-hole 1121	
149	1124	LQL	GBA	Deposit filling post-hole 1123	
150	1126	LQL	GBA	Deposit filling post-hole 1125	
151	1128	LQL	GBA	Deposit filling pit 1127	
152	1130	LQL	GBA	Deposit filling gully 1129	
153	1133	LQL	GBA	Deposit filling post-hole 1132	
154	1138	LQL	GBA	Deposit filling pit 1135	Y
155	1137	LQL	GBA	Deposit filling pit 1136	
156	1139	LQL	GBA	Deposit filling pit 1135	Y
157	1140	LQL	GBA	Deposit filling pit 1135	Y
158	1141	LQL	GBA	Deposit filling hearth 1109	Y
159	1143	LQL	GBA	Deposit filling post-hole 1142	
161	1149	LQL	GBA	Deposit filling pit 1148	
162	1153	LQL	GBA	Deposit filling pit 1152	
163	1155	LQL	GBA	Deposit filling pit 1154	Y
164	1151	LQL	GBA	Deposit filling pit 1150	
165	1158	LQL	GBA	Deposit filling pit 1157	
166	1160	LQL	GBA	Deposit filling pit 1159	
167	1164	LQL	GBA	Deposit filling pit 1163	
168	1168	LQL	GBA	Deposit filling pit 1167	
169	1169	LQL	GBA	Deposit filling pit 1095	
170	1171	LQL	GBA	Deposit filling pit 1170	
171	1173	LQL	GBA	Deposit filling gully 1172	
172	1175	LQL	GBA	Deposit filling feature/pit 1174	
173	1164	LQL	GBA	Deposit filling pit 1163	
174	1179	LQL	GBA	Deposit filling pit 1178	Y
175	1182	LQL	GBA	Deposit filling post-hole 1181	
176	1184	LQL	GBA	Deposit filling post-hole 1184	
177	1187	LQL	GBA	Deposit filling pit 1178	
178	1189	LQL	GBA	Deposit filling pit 1188	
179	1202	LQL	GBA	Deposit filling pit1201	

Sample	Context	Site	Type	Description	Processed
180	1195	LQL	GBA	Deposit filling pit 1193	
181	1198	LQL	GBA	Deposit filling pit 1196	
182	1200	LQL	GBA	Deposit filling pit 1199	
183	1192	LQL	GBA	Deposit filling pit 1190	
184	1205	LQL	GBA	Deposit filling post-hole 1203	
185	1207	LQL	GBA	Deposit filling post-hole 1206	
186	1209	LQL	GBA	Deposit filling post-hole 1208	
187	1211	LQL	GBA	Deposit filling pit 1210	
188	1227	LQL	GBA	Deposit filling pit 1226	Y
189	1257	LQL	GBA	Deposit filling pit 1256	Y
190	1259	LQL	GBA	Deposit filling pit 1258	Y
191	1261	LQL	GBA	Deposit filling pit 1260	Y
192	1222	LQL	GBA	Deposit filling pit 1220	Y
193	1225	LQL	GBA	Deposit filling pit 1220	Y
194	1221	LQL	GBA	Deposit filling pit 1220	Y
195	1270	LQL	GBA	Deposit filling ditch 1269	Y
196	1272	LQL	GBA	Deposit filling ditch 1271	Y
197	1274	LQL	GBA	Deposit filling ditch 1273	Y
198	1276	LQL	GBA	Deposit filling pit 1275/1316	Y
199	1278	LQL	GBA	Deposit filling pit 1277	Y
200	1280	LQL	GBA	Deposit filling pit 1279	
201	1282	LQL	GBA	Deposit filling pit 1281	
202	1329	LQL	GBA	Deposit filling pit 1283	Y
203	1288	LQL	GBA	Deposit filling pit 1285	
204	1297	LQL	GBA	Deposit filling pit 1296	
205	1299	LQL	GBA	Deposit filling pit 1298	
206	1301	LQL	GBA	Deposit filling pit 1300	
207	1303	LQL	GBA	Deposit filling pit 1302	
208	1305	LQL	GBA	Deposit filling pit 1304	
209	1228	LQL	GBA	Deposit filling	
210	1440	LQL	GBA	Deposit filling quarry pit1439	Y
211	1326	LQL	GBA	Deposit filling pit 1325	
212	1328	LQL	GBA	Deposit filling pit 1327	
213	1333	LQL	GBA	Deposit filling pit 1332	
214	1228	LQL	GBA	Deposit filling Structure 1	
215	1312	LQL	GBA	Deposit filling Structure 2	
216	1248	LQL	GBA/ recovery of bone	Cremation spit 1, filling 1246	Y
217	1248	LQL	GBA/ recovery of bone	Cremation spit 2, filling 1246	Y
218	1248	LQL	GBA/ recovery of bone	Cremation spit 3, filling 1246	Y
220	1254	LQL	GBA	Deposit filling pit 1253	
221	1234	LQL	GBA	Deposit filling flue 1235	
222	1242	LQL	GBA/ charred grain recovery	Middle of flue 1235	Y
223	1242	LQL	GBA/ charred grain recovery	Intersection of flue 1235	Y
224	1242	LQL	GBA/ charred grain recovery	East end of flue 1235	Y
225	1242	LQL	GBA/ charred grain recovery	West end of flue 1235	Y

Sample	Context	Site	Type	Description	Processed
226	1286	LQL	GBA/ charred grain recovery	Deposit filling 1314	Y
227	1286	LQL	GBA/ charred grain recovery	Deposit filling 1314	Y
228	1286	LQL	GBA/ charred grain recovery	Deposit filling 1314	Y
229	1331	LQL	GBA	Deposit filling pit 1330	
230	1340	LQL	GBA	Deposit filling pit 1339	
231	1343	LQL	GBA	Deposit filling pit 1341	
232	1345	LQL	GBA	Deposit filling pit 1344	
233	1356	LQL	GBA	Deposit filling pit 1365	
234	1347	LQL	GBA	pit 1346	
235	1312	LQL	GBA/ recovery of bone	Deposit filling Structure 2	
236	1359	LQL	GBA	Deposit filling pit 1358	
237	1362	LQL	GBA	Deposit filling pit 1361	
238	1366	LQL	GBA	Deposit filling pit 1365	
239	1370	LQL	GBA	Deposit filling post-hole 1369	
240	1378	LQL	GBA	Deposit filling pit 1377	
241	1380	LQL	GBA	Deposit filling ditch 1379	Y
242	1381	LQL	GBA	Deposit filling ditch 1379	
243	1388	LQL	GBA	Deposit filling pit1387	
244	1390	LQL	GBA	Deposit filling pit1389	
245	1403	LQL	GBA	Deposit filling pit1402	Y
246	1401	LQL	GBA	Deposit filling pit1400	
247	1407	LQL	GBA	Deposit filling post-hole 1406	
248	1409	LQL	GBA	Deposit filling pit1408	
249	1411	LQL	GBA	Deposit filling pit1410	
250	1413	LQL	GBA	Deposit filling pit 1412	
251	1418	LQL	GBA	pit 1417	Y
252	1420	LQL	GBA	Deposit filling pit 1419	Y
253	1232	LQL	GBA	Deposit filling 1375	

Key:

GBA= General Biological Analysis

Appendix V

Dimensions of features not mentioned in body text

Context	Filled by	Description	Length (m)	Width (m)	Depth (m)	Diameter (m)	Excavated
006(not on plan)	005	Ditch?/natural	-	1	0.4		Y
008 (not on plan)	-	Linear	-	-	-		N
1001	1002	Pit	1.3	0.86	0.28		Y
1003 (not on plan)	1004	Pit	0.48	0.27exc	0.15		Y
1005	1006	Pit	0.7	0.5	0.3		Y
1007	1008	Pit	1.25	1.2	0.47		Y
1016		Pit/natural	2.65	2.12	0.33		Y
1019	1020	Pit	0.8	0.7	0.13		Y
1021	1022	Pit	0.8	0.7	0.17		Y
1023	1024	Pit	0.9	0.75	0.25		Y
1035	1036	Post-hole	0.9	0.7	0.11		Y
1038	1039	Post-hole	0.37	0.35	0.07		Y
1045	1046	Pit/tree-bowl	2.11	1.00	0.3		Y
1057	1058	Post-hole	0.6	0.65	0.16		Y
1061	1062	Post-hole	0.6	0.35	0.10		Y
1063	1064	Pit	1.23	0.65	0.2		Y
1065	1066	Pit	1.6	0.6	0.34		Y
1067	1068	Pit	0.8	0.4	0.13		Y
1069	1070	Pit	1.85	0.82	0.22		Y
1077	1078	Pit	1.32	0.8	0.23		Y
1092		Ridge and furrow	3.4	0.6			N
1093		Post-hole	0.45	0.5			N

Context	Filled by	Description	Length (m)	Width (m)	Depth (m)	Diameter (m)	Excavated
1094		Pit	1.1	1.1			N
1095	1169	Pit	1.25	0.53	0.17		Y
1096		Ephemeral feature	1.2	0.4			N
1097		Pit (on quarry edge)	1.7	0.8			N
1098		Pit	1.5	0.65			N
1099	1100	Post-hole	0.48	0.36	0.10		Y
1103 (not on plan)	-	Natural deposit-treebowl	2.5	1.6	-		Y
1104		Post-hole	0.4	0.35			N
1105		Post-hole	0.4	0.35			N
1107	1108	Pit	1.15	0.8	0.3		Y
1112	1113	Pit	1.18	1.9	0.15		Y
1114		Post-hole	0.6	0.5			N
1115		Pit	0.85	0.7			N
1117	1118	Pit	1.95	0.87	0.33		Y
1119	1120	Post-hole	0.5	0.4	0.05		Y
1127	1128	Pit	1.2	0.93	0.21		Y
1129	1130	Gully	1.4	0.38	0.17		Y
1131		Pit	1.0	0.4			N
1132	1133	Post-hole	0.42	0.4	0.26		Y
1134		Pit	1.3	0.9			N
1136	1137	Pit	0.88	0.85	0.12		Y
1142	1143	Post-hole	0.6	0.45	0.04		Y
1144		Post-hole	0.55	0.5			N
1145		Post-hole	0.35	0.3	0.03		N
1146		Pit	1.0	0.7			N
1147		Pit	1	0.6			N

Context	Filled by	Description	Length (m)	Width (m)	Depth (m)	Diameter (m)	Excavated
1148	1149	Pit	1.57	0.75	0.28-0.32		Y
1150	1151	Pit	0.7	0.25	0.18		Y
1152	1153	Pit	0.92	0.65	0.26		Y
1156		Pit	1.2	0.75			N
1157	1158	Pit	1.86	1	0.18		Y
1159	1160	Pit	1	0.8	0.27		Y
1161		Post-hole	0.35	0.3			N
1162		Post-hole				0.5	N
1163	1164	Pit	2.15	0.9	0.4		Y
1167	1168	Pit	1.8	0.56	0.22		Y
1170	1171	Pit	1.05	1	0.22		Y
1172	1173	Gully	3	0.55-1	0.2		Y
1174	1175	Pit	0.9	0.6	0.15		Y
1176		Pit	0.8	0.3			N
1177		Post-hole				0.4-	N
1181	1182	Post-hole			0.12	0.37	Y
1183	1184	Post-hole	0.7	0.4	0.27		Y
1185		Post-hole	0.50	0.35			N
1186		Pit	1.0	0.8			N
1188	1189	Pit	0.81	0.35	0.19		Y
1190	1191/1192	Pit	1.8	1.13	0.36		Y
1193	1194/1195	Pit	1.2	0.6	0.4		Y
1196	1197/1198	Pit	0.92	0.5	0.25		Y
1199	1200	Pit	1.2	0.95	0.17		Y
1201	1202	Post-hole	0.93	0.65	0.2exc		Y
1203	1204/1205	Post-hole	0.8m	0.62	0.35		Y
1206	1207	Post-hole	0.4	0.23	0.15		Y

Context	Filled by	Description	Length (m)	Width (m)	Depth (m)	Diameter (m)	Excavated
1208	1209	Post-hole	0.2exc	0.36exc	0.36exc		Y
1210	1211	Pit	1.3	0.7	0.33 exc		Y
1212		Post-hole	0.8	0.5			N
1213		Pit	1.1	0.5			N
1214		Post-hole				0.3	N
1215		Post-hole	0.4	0.36			N
1216		Post-hole	0.6	0.55			N
1217		Post-hole	0.7	0.6			N
1218		Post-hole	0.7	0.6			N
1219		Pit	0.96	0.4			N
1253	1254	Pit	1.1	0.5	0.1		Y
1279	1280	Pit	0.7	0.42	0.1		Y
1281	1282	Pit	1.65	0.9	0.11		Y
1284		Pit	0.8	0.5	Very shallow		N
1285	1288	Post-hole	0.4	0.31	0.1		Y
1289		Pit				0.6	N
1290		Ephemeral feature	0.6	0.5			N
1296	1297	Pit	1.04	0.8	0.23		Y
1298	1299	Pit	0.6	0.52	0.15		Y
1300	1301	Pit	0.9	0.73	0.18		Y
1302	1303/1371	Pit	1.25	0.6	0.15		Y
1304	1305	Pit	1.24	0.9	0.18		Y
1307		Pit	1.6	0.75			N
1308		Pit	1.25	0.75			N
1309		Post-hole	0.75	0.50			N

Context	Filled by	Description	Length (m)	Width (m)	Depth (m)	Diameter (m)	Excavated
1310		Post-hole	0.75	0.5			N
1311		Post-hole	1.35	0.7			N
1325	1326	Post-hole	0.4	0.38	0.04		Y
1327	1328	Pit	0.9	0.7	0.12		Y
1330	1331	Pit	1.4	0.5	0.06		Y
1332	1333	Post-hole	0.7	0.3	0.05		Y
1334		Post-hole	0.25	0.2			N
			.				
1335		Post-hole				0.3	N
1336		Post-hole	0.5	0.25			N
1337	1338	Pit	0.66	0.6	0.22		Y
1339	1339	Pit	0.9	0.8	0.2		Y
1341	1342/1343	Pit	1.4	0.9	0.28		Y
1344	1345	Pit	0.83	0.8	0.1		Y
1346	1347	Pit	1.45	1	0.21		Y
1348	1349	Post-hole	0.7	0.2	0.1		Y
1351		Pit				0.8	N
1352		Pit	1	0.9			N
1353		Post-hole	0.5	0.4			N
1354		Pit	0.85	0.55			N
1355	1356	Pit	0.6	0.5	0.1		Y
1357		Post-hole				0.35	N
1358	1359	Pit	0.65	0.62	0.07		Y
1360		Post-hole	0.3	0.2			N
1361	1362	Pit	0.67	0.7	0.21		Y
1363		Pit	1	0.4			N
1365	1366	Pit	0.65	0.5	0.25		Y

Context	Filled by	Description	Length (m)	Width (m)	Depth (m)	Diameter (m)	Excavated
1367		Post-hole				0.2	N
1368		Post-hole				0.5	N
1369	1370	Post-hole	0.45	0.4	0.1		Y
1377	1378	Pit	1.95	0.96	0.32		Y
1382		Post-hole	0.5	0.4			N
1383		Post-hole	0.75	0.6			N
1384		Post-hole	0.89	0.68			N
1385		Post-hole	0.7	0.45			N
1386		Post-hole	0.6	0.5			N
1387	1388	Pit	1.1	0.45	0.19		Y
1389	1390	Pit	0.8	0.7	0.18		Y
1391		Post-hole	0.75	0.55			N
1400	1401	Pit	1.77	1.1	0.27		Y
1404		Pit	1.65	1.3			N
1405		Post-hole	0.6	0.5			N
1406	1407	Post-hole	0.45	0.3	0.18		Y
1408	1409	Pit	0.6	0.4	0.08		Y
1410	1411	Pit	1.12	0.62	0.3		Y
1412	1413	Pit	0.83	0.4	0.15		Y
1414		Ephemeral feature	2.2	0.9			N
1415		Post-hole	0.6	0.5			N
1425	1364	Linear	2.00	0.3	0.2		Y
1427		Post-hole	0.35	0.35			N
1428		Post-hole	0.32	0.25	Very shallow		N
1429		Pit	1.90	0.65			N
1430		Post-hole	0.30 (exposed)	0.60			N

Context	Filled by	Description	Length (m)	Width (m)	Depth (m)	Diameter (m)	Excavated
1431		Post-hole				0.35	N
1432		Pit				0.75	N
1434		Post-hole	0.69	0.32			N
1435		Post-hole				0.45	N
1436		Post-hole	0.55	0.25			N
1437		Post-hole				0.55	N
1438		Post-hole	0.55	0.5			N
1443		Pit	1.45	1.1			N
1444		Ephemeral feature	2.3	1.1			N
1445		Pit	1.1	0.4			N
1446		Post-hole				0.45	N

Appendix VI

Specification for archaeological watching brief

LAND AT
LEADENHAM QUARRY,
POTTERGATE ROAD,
LEADENHAM,
LINCOLNSHIRE

SPECIFICATION FOR
ARCHAEOLOGICAL WATCHING BRIEF

PREPARED FOR
ROBERT DOUGHTY CONSULTANCY

BY
ARCHAEOLOGICAL PROJECT SERVICES
Institute of Field Archaeologists'
Registered Organisation No. 21

JANUARY 2000

TABLE OF CONTENTS

1 SUMMARY 1

2 INTRODUCTION 1

3 SITE LOCATION 1

4 PLANNING BACKGROUND 1

5 SOILS AND TOPOGRAPHY 2

6 THE ARCHAEOLOGY 2

7 AIMS AND OBJECTIVES 2

8 SITE OPERATIONS 3

9 POST EXCAVATION 4

10 REPORT DEPOSITION 5

11 ARCHIVE 5

12 PUBLICATION 5

13 CURATORIAL RESPONSIBILITY 6

14 VARIATIONS 6

15 PROGRAMME OF WORKS AND STAFFING LEVELS 6

16 SPECIALISTS TO BE USED DURING THE PROJECT 6

17 INSURANCES 7

18 COPYRIGHT 7

19 BIBLIOGRAPHY 8

1 SUMMARY

1.1 A watching brief is required during earth moving at Leadenham Quarry, Lincolnshire.

1.2 Romano-British burials and pottery scatters have previously been found on and adjacent to the quarry.

1.3 The watching brief will be undertaken during groundworks associated with the quarrying. The archaeological features exposed will be recorded in writing, graphically and photographically.

1.4 On completion of the fieldwork a report will be prepared detailing the results of the investigation. The report will consist of a narrative supported by illustrations and photographs.

2 INTRODUCTION

2.1 This document comprises a specification for an archaeological watching brief during earth moving at Leadenham Quarry, off Pottergate, Leadenham, national grid reference SK 966 525.

2.2 This document contains the following parts:

2.2.1 Overview.

2.2.2 Stages of work and methodologies.

2.2.3 List of specialists.

2.2.4 Programme of works and staffing structure of the project.

3 SITE LOCATION

3.1 Leadenham lies just below the Lincolnshire cliff approximately 13km northwest of Sleaford and 18km south of Lincoln in the administrative district of North Kesteven. The site lies approximately 1km east of Leadenham village on the west side of Pottergate Road and is entirely in Welbourn parish. Located at the western edge of Leadenham and Welbourn Heaths, the site is centred on national grid reference SK 966 525.

4 PLANNING BACKGROUND

4.1 An application to extend an existing quarry has been submitted. The existing

permission requires the implementation of an archaeological watching brief in accordance with a written scheme of works during the operations. This document constitutes such a scheme of works.

5 SOILS AND TOPOGRAPHY

5.1 Located at the western edge of Leadenham Heath, the site is on a slope down to the northwest, declining from approximately 100m OD to 85m. Local soils are the Elmton 1 Association, brown rendzinas on Jurassic limestone (Hodge *et al.* 1984, 179). Several springs emanate from the slope face just to the northwest of the quarry limits.

6 THE ARCHAEOLOGY

6.1 Romano-British burials with pottery and other artefacts have previously been found in the southern, already extracted part of the quarry and also just to the west. In addition, a scatter of Roman pottery has been found immediately outside the western edge of the proposed quarry extension. Cumulatively, these remains may indicate the location of a Roman settlement and associated cemetery.

7 AIMS AND OBJECTIVES

7.1 The aims of the watching brief will be:

7.1.1 To record and interpret the archaeological features exposed during soil stripping.

7.2 The objectives of the watching brief will be to:

7.2.1 Determine the form and function of the archaeological remains encountered;

7.2.2 Determine the spatial arrangement of the archaeological remains encountered;

7.2.3 As far as practicable, recover dating evidence from the archaeological remains, and

7.2.4 Establish the sequence of the archaeological remains present on the site.

8 SITE OPERATIONS

8.1 General considerations

8.1.1 All work will be undertaken following statutory Health and Safety requirements in operation at the time of the watching brief.

8.1.2 The work will be undertaken according to the relevant codes of practise issued by the Institute of Field Archaeologists (IFA), under the management of a Member of the institute (MIFA). *Archaeological Project Services* is IFA registered organisation no. 21.

8.1.3 Any and all artefacts found during the investigation and thought to be 'treasure', as defined by the Treasure Act 1996, will be removed from site to a secure store and promptly reported to the appropriate coroner's office.

8.2 Methodology

8.2.1 The watching brief will be undertaken during the ground works phase of development, and includes the archaeological monitoring of all phases of soil movement, but not rock extraction.

8.2.2 Stripped areas and trench sections will be observed regularly to identify and record archaeological features that are exposed and to record changes in the upper geological conditions. Manual cleaning of exposed areas, particularly those containing archaeological remains, may be necessary. The section drawings of the trenches will be recorded at a scale of 1:10. Should features be recorded in plan these will be drawn at a scale of 1:20. Written descriptions detailing the nature of the deposits, features and fills encountered will be compiled on Archaeological Project Services pro-forma record sheets.

8.2.3 Any finds recovered will be bagged and labelled for later analysis. A metal detector may be used to assist artefact recovery.

8.2.4 Throughout the watching brief a photographic record will be compiled. The photographic record will consist of:

8.2.4.1 The site during work to show specific stages, and the layout of the archaeology within the trench.

8.2.4.2 groups of features where their relationship is important

8.2.5 Should human remains be located the appropriate Home Office licence will be obtained before their removal. In addition, the archaeological curator, Local Environmental Health Department, coroner and the police will be informed, as appropriate.

9 POST-EXCAVATION

9.1 Stage 1

9.1.1 On completion of site operations, the records and schedules produced during the watching brief will be checked and ordered to ensure that they form a uniform sequence forming a level II archive. A stratigraphic matrix of the archaeological deposits and features present on the site will be prepared. All photographic material will be catalogued and labelled, the labelling referring to schedules identifying the subject/s photographed.

9.1.2 All finds recovered during the field work will be washed, marked and packaged according to the deposit from which they were recovered. Any finds requiring specialist treatment and conservation will be sent to the Conservation Laboratory at the City and County Museum, Lincoln.

9.2 Stage 2

9.2.1 Detailed examination of the stratigraphic matrix to enable the determination of the various phases of activity on the site.

9.2.2 Finds will be sent to specialists for identification and dating.

9.3 Stage 3

9.3.1 On completion of stage 2, a report detailing the findings of the watching brief will be prepared.

9.3.2 This will consist of:

9.3.2.1 A non-technical summary of the results of the investigation.

9.3.2.2 A description of the archaeological setting of the investigation.

9.3.2.3 Description of the topography of the site.

9.3.2.4 Description of the methodologies used during the investigation.

9.3.2.5 A text describing the findings of the investigation.

9.3.2.6 A consideration of the local, regional and national context of the investigation findings.

9.3.2.7 Plans of the archaeological remains exposed. If a sequence of archaeological deposits is encountered, separate plans for each phase will be produced.

9.3.2.8 Sections of the archaeological features.

9.3.2.9 Interpretation of the archaeological remains exposed, and their chronology and setting within the surrounding landscape.

9.3.2.10 Specialist reports on the finds from the site.

9.3.2.11 Appropriate photographs of the site and specific archaeological features.

10 REPORT DEPOSITION

10.1 Copies of the report will be sent to the client; the County Council Archaeological Sites and Monuments Record; and to the North Kesteven Heritage Officer.

11 ARCHIVE

11.1 The documentation and records generated during the watching brief will be sorted and ordered into the format acceptable to the City and County Museum, Lincoln. This will be undertaken following the requirements of the document titled *Conditions for the Acceptance of Project Archives* for long term storage and curation.

12 PUBLICATION

12.1 A report of the findings of the watching brief will be published in Heritage Lincolnshire's Annual Report and a note presented to the editor of the journal *Lincolnshire History and Archaeology*. If appropriate, notes on the findings will be submitted to the appropriate national journals: *Britannia* for discoveries of Roman date, and *Medieval Archaeology* and the journal of the *Medieval Settlement Research Group* for findings of medieval or later date.

13 CURATORIAL RESPONSIBILITY

13.1 Curatorial responsibility for the archaeological work undertaken on the site lies with the County Archaeological Officer. They will be given seven days notice in writing before the commencement of the project.

14 VARIATIONS

14.1 Variations to the proposed scheme of works will only be made following written confirmation of acceptance from the archaeological curator.

15 PROGRAMME OF WORKS AND STAFFING LEVELS

15.1 The watching brief will be integrated with the works programme and is dependent on the developers' work schedule. It is therefore not possible to specify the person-hours for the archaeological site work.

15.2 An archaeological supervisor with experience of watching briefs will undertake the work.

15.3 Post-excavation analysis and report production will be undertaken by the archaeological supervisor, or a post-excavation analyst as appropriate, with assistance from a finds supervisor, illustrator and external specialists. It is expected that each fieldwork day (equal to one person-day) will require a post-excavation day (equal to one-and-a-half person-days) for completion of the analysis and report. If the fieldwork lasts longer than about four days then there will be an economy of scale with the post-excavation analysis.

16 SPECIALISTS TO BE USED DURING THE PROJECT

16.1 The following organisations/persons will, in principal and if necessary, be used as subcontractors to provide the relevant specialist work and reports in respect of any objects or material recovered during the investigation that require their expert knowledge and input. Engagement of any particular specialist subcontractor is also dependent on their availability and ability to meet programming requirements.

Task	Body to be undertaking the work
Conservation	Conservation Laboratory, City and County Museum, Lincoln
Pottery Analysis	Prehistoric - Trent & Peak Archaeological Trust

	Roman - B Precious, Independent Specialist
	Anglo-Saxon - J Young, Independent Specialist
	Medieval and later - H Healey, Independent Archaeologist
Non-pottery Artefacts	J Cowgill, Independent Specialist
Animal Bones	Environmental Archaeology Consultancy
Environmental Analysis	J Rackham, Independent Specialist
Human Remains Analysis	R Gowland, Independent Specialist

17 INSURANCES

17.1 Archaeological Project Services, as part of the Heritage Trust of Lincolnshire, maintains Employers Liability Insurance of £10,000,000, together with Public and Products Liability insurances, each with indemnity of £5,000,000. Copies of insurance documentation can be supplied on request.

18 COPYRIGHT

18.1 Archaeological Project Services shall retain full copyright of any commissioned reports under the *Copyright, Designs and Patents Act* 1988 with all rights reserved; excepting that it hereby provides an exclusive licence to the client for the use of such documents by the client in all matters directly relating to the project as described in the Project Specification.

18.2 Licence will also be given to the archaeological curators to use the documentary archive for educational, public and research purposes.

18.3 In the case of non-satisfactory settlement of account then copyright will remain fully and exclusively with Archaeological Project Services. In these circumstances it will be an infringement under the *Copyright, Designs and Patents Act* 1988 for the client to pass any report, partial report, or copy of same, to any third party. Reports submitted in good faith by Archaeological Project Services to any Planning Authority or archaeological curator will be removed from said planning Authority and/or archaeological curator. The Planning Authority and/or archaeological curator will be notified by Archaeological Project Services that the use of any such information previously supplied constitutes an infringement under the *Copyright, Designs and Patents Act* 1988 and may result in legal action.

18.4 The author of any report or specialist contribution to a report shall retain intellectual copyright of their work and may make use of their work for educational or research purposes or for further publication.

19 BIBLIOGRAPHY

Hodge, CAH, Burton, RGO, Corbett, WM, Evans, R, and Seale, RS, 1984 *Soils and their use in Eastern England*, Soil Survey of England and Wales **13**

Specification: Version 1, 11th January 2000.

Appendix VII

Project design for archaeological excavation

Leadenham Quarry, Lincolnshire

Written Scheme of Investigation for an Archaeological Excavation

1. Introduction

1.1 This document details the methodology by which Archaeological Services WYAS propose to complete the archaeological investigations at Leadenham Quarry, Leadenham, Lincolnshire (NGR SK 966 525). This written scheme of investigation has been prepared on behalf of Waste Recycling Group plc to satisfy the archaeological condition attached to the permission to extend the existing quarry into an area where archaeological features have been identified.

2. Archaeological Background

2.1 The site of the proposed quarry extension has been the subject of two phases of evaluation. This consisted, in the first instance, of a watching brief of the controlled soil stripping of the site. This was in response to the known and previously investigated archaeological areas located in the near vicinity of the site. A small element of subsequent hand and machine excavation has also taken place.

2.2 Romano-British burials have been identified to the south and west, and a scatter of Roman pottery sherds has been found close to the western edge of the proposed extraction area. These remains indicated the possibility that elements of a settlement and associated cemetery of Romano-British date may exist within the bounds of the proposed site. Although it would appear that remote sensing techniques were not utilised in an attempt to elucidate further upon the archaeological potential of the site, a monitoring exercise carried out by Archaeological Project Services on the soil stripping has identified a large number of archaeological features.

2.3 The archaeological features identified so far, of which a number have already been partially or fully investigated, can be summarised as follows:

- Two stone buildings of potential Roman date (one associated with possible metallurgical activity)
- Partial remains of a human skeleton
- Probable ditches/gullies of Roman date
- Discrete features, some evidently containing animal bone and prehistoric pottery
- A group of large (?quarry) pits and an associated trackway of likely Roman date
- Vestiges of medieval ridge and furrow ploughing

2.4 As a result of these discoveries and following advice received from the County Archaeological Officer a number of decisions were taken with regard to appropriate and necessary recording strategies for some of the features

listed above. This included the recording of the plough furrows by electronic distance measuring equipment. This work has been completed by APS. Also the recording of the large ?quarry pits has been completed via machine sample excavation (accompanied by hand cleaning and the recovery of environmental samples). In addition the excavation and removal of the partial human skeleton has also taken place.

2.5 Prior to the curtailment of archaeological work by APS, a number of other features, including some of the discrete pits, were in the process of being sample excavated. A machine excavated slot had also been placed through the eastern ?Roman building and cleaning was in progress on the other potential structure to the west. It was noted on a site visit that finds bags containing artefacts had been left on the site.

2.6 Due to contractural difficulties that occurred between the developer and APS, Archaeological Services WYAS have been requested to prepare this design and to complete the necessary archaeological recording on the site. Archaeological Services WYAS will also undertake the post-excavation analysis of the stratigraphic, artefactual and environmental evidence and produce the final report. The resultant site archive will be compiled and deposited to the County and City Museum, Lincoln.

2.7 In order that the integrity of the site archive is maintained it is proposed that all relevant data collected by APS (written, drawn, photographic, artefactual, environmental and digital) is handed over to Archaeological Services WYAS prior to on-site work recommencing.

2.8 This document has been prepared in order to outline the methodology for both on-site and post-excavation work.

3. Aims and Objectives

3.1 In the area of the proposed quarry extension all archaeological features present on the site will be destroyed. The development will impact upon significant archaeological features relating to the prehistoric and Romano-British periods.

3.2 The general aims and objectives of the archaeological excavation will be:

- to establish the presence/absence of all archaeological remains within the excavated area;
- to determine the extent, condition, function, relationships, character, quality of survival, importance and date of a representative proportion of the archaeological remains present and
- to provide information that will allow an interpretation of the significance of the archaeological record retrieved from the site to be made.

3.3 The specific aims and objectives will be to:

-
- to identify and record in plan all archaeological features within the excavated areas;
- to recover an adequate sample of the deposits and related artefactual and ecofactual materials to allow the determination of:

- the chronology of the site, its components and detailed phases;
- the inter-relationships between the various components of the site;
- the function of the various components of the site and
- the potential co-existence or succession of sites in the immediate vicinity.

3.4 The archaeological investigations have the potential to assist in the resolution of the chronological development of the prehistoric and Romano-British landscape in this part of Lincolnshire. Further, the identification of structural evidence of potential Roman date is of likely regional importance.

3.5 The integration of the results of previous archaeological investigations within the immediate area will be plotted on to a base plan along with the results of this work. This will assist in the greater understanding of the archaeological resource and allow a framework for future research development and appropriate mitigation strategies to be developed in the Leadenham area.

4. Proposed Method

4.1 **At the urgent request of the client, areas which are devoid of archaeological features, or where such features have already been sufficiently sampled, then these areas are to be demarcated to allow the quarrying operation to continue (this element will be undertaken immediately).**

4.2 In the first instance on-site work will involve the excavation of features in the southern part of the site, to allow for the continuation of quarrying operations. This will be followed by the cleaning, planning, excavating, sampling and recording of features in the north-western part of the site. Here, archaeological features are visible at a higher level than elsewhere on the site. Only after the completion of the above will machine stripping of the subsoil in this area be implemented. This will be undertaken by the use of a 360° mechanical excavator. The machine used will not exceed 25 tonnes and the toothless ditching bucket will be no more than 2m wide. The machine will be assisted in the removal of topsoil by 25 tonne dump trucks.

4.3 Mechanical excavation will be used judiciously and carried out under direct archaeological control in level spits. The resulting surface will be inspected for additional archaeological remains to those observed at the higher level and where further archaeological remains are identified these areas will be

cleaned by hand. Non–modern artefacts will be collected from the excavated material.

4.4 In certain circumstances, the judicious use of mechanical excavation equipment may be used for the removal of modern deep intrusions or for the clarification of deposits perceived to be natural in origin.

4.5 All identified archaeological features across the site as a whole will be accurately recorded in plan, initially by the use of a robotic 600 series Geodimeter Total Station. A sufficient proportion of the archaeological features within the stripped area will be hand-excavated in an archaeologicallly controlled and stratigraphic manner in order to meet the aims and objectives outlined above. The sample of features investigated will be sufficient enough to fully understand the stratigraphic sequence, down to the naturally occurring deposits. This shall be achieved through the following sampling strategies:

- Linear features: An appropriate sample of each feature will be excavated, to its full depth. No section will be less than 1m in length. Where possible one section will be located and excavated adjacent to the trench edge and particular attention will be paid to butt-ends, corners and intersections.

- Intersections of linear features: Excavation of an 'L'-shaped section to demonstrate and record relationships, expanded to their full widths, if appropriate.

- Discrete features: Pits and post-holes to be subject to a 50% sample by volume, via half-sectioning. A minimum of half of all identified discrete features to be the subject of hand-excavation, with the final strategy reflecting the varying character of features present.

4.6 A full written, drawn and photographic record will be made of all material revealed during the course of the excavation. A site grid will be set out in the areas of excavation and this will be used to plan features at a scale of 1:50 with larger scale plans of features at 1:20, as appropriate. Sections of linear and discrete features will be drawn at 1:10. All sections, plans and elevations will include spot–heights related to Ordnance Datum in metres as correct to two decimal places.

4.7 All artefacts recovered will be retained and removed from the site for conservation and analysis. Where appropriate finds material will be stored in controlled environments. All artefacts recovered will be retained, cleaned, labelled and stored as detailed in the guidelines laid out in the IFA Guidelines for Finds Work. Conservation, if required, will be undertaken by the University of Bradford or other approved conservators dependent on availability. UKIC guidelines will also apply.

4.8 Context recording will be by Archaeological Services WYAS standard method. All contexts, and any small finds and samples from them will be given unique numbers. Bulk finds will be collected by context. Colour transparency and monochrome negative photographs will be taken at a minimum format of 35mm.

4.9 A soil sampling programme will be undertaken for the identification and recovery of carbonised remains, vertebrate remains, molluscs and small artefactual material. Dr Jane Richardson will visit the site at the outset of the excavation and prepare an environmental sampling strategy. Particular attention will be paid to the sampling of primary ditch fills, large discrete features, structural and occupational evidence and skeletal remains. Where appropriate environmental material will be stored in controlled environments.

4.10 All human remains will be recorded on-site prior to removal and analysis by the project's assigned osteoarchaeologist. Disturbance of human remains will only take place under appropriate Home Office and environmental health regulations, and in compliance with Section 25 of the Burial Act, 1857. If human remains are identified the SMR and Coroner will be informed immediately. A Home Office licence has been obtained in advance of the commencement of the project (Licence Number: A2637) and Andrea Burgess BSc will undertake any osteoarchaeological work.

4.11 All finds of gold and silver shall be reported to HM Coroner according to the procedures relating to the Treasure Act 1996, after discussion with the Client and the Lincolnshire County Archaeological Officer.

4.12 It is envisaged that the excavation and recording could be completed in four weeks by a team consisting of a Project Supervisor, an Assistant Supervisor and three Site Assistants. Although the field team may be subject to change all Archaeological Services WYAS staff are professionals.

5. Archive preparation and deposition

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

- the site record will be checked, cross–referenced and indexed as necessary;
- all retained finds will be cleaned, conserved where necessary and packaged in accordance with the requirements of the recipient museum;

- all retained finds will be assessed and recorded using pro forma recording sheets, by suitably qualified and experienced staff. Initial artefact dating will be integrated within the site matrix;
- a selected number of the retained environmental samples will be processed by suitably experienced and qualified staff and recorded using pro forma recording sheets.

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

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

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

5.4 Provision will be made for the deposition of the archive, artefacts and environmental material, subject to the permission of the relevant landowner (and if no further archaeological work is to be initiated), in the appropriate recipient museum, in this instance City and County Museum, Lincoln, within two months following the successful completion and acceptance of the report (Accession Number: 2000.123). Mr Thomas Cadbury (Keeper, Collections Management) of the City and County Museum has been advised of the timetable of the proposed investigation. Further, Archaeological Services WYAS will adhere to any reasonable requirements the museum may have regarding conservation and storage of the excavated material and the resulting archive. The archive will be prepared in accordance with the guidelines published in "*Guidelines for the preparation of Excavation Archives for long–term storage*" (United Kingdom Institute for Conservation, 1990) and "*Standards in the Museum care of archaeological collections*" (Museums and Galleries Commission, 1994). Provision will be made for the stable storage of paper records and their long–term storage on a suitable medium, such as microfilm.

5.5 Should further archaeological excavation be initiated and/or additional archaeological work undertaken, this archive will be prepared accordingly for incorporation into the final archive.

5.6 The monitoring archaeologist will be afforded the opportunity to inspect the contents of the archive prior to its final deposition. Archive deposition will be arranged in consultation with the recipient museum and will take into account all requirements of the recipient museum and of the relevant guidelines outlined in paragraph 5.4 above. The timetable for deposition will be agreed on completion of the site archive and narrative. Artefacts discovered during the course of the excavations are the property of Waste Recycling Group plc (subject to the provisions of the Treasure Act 1996).

6. Report preparation, contents and distribution

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

6.2 A full report, produced in accordance with English Heritage's "*Management of Archaeological Projects 2*" (English Heritage, 1991), will be prepared and completed within four months of vacating the site. This will include the following :

- a non–technical summary of the results of the work;
- a summary of the project's background
- a description of the location of the site;
- an account of the methodologies employed;
- the results of the excavation, including phasing and interpretation of the site sequence, and the results of the artefctual/ecofactual analysis;
- an assessment of the stratigraphic and other written, drawn and photographic records;
- a catalogue and assessment of each category of artefact recovered during the excavation;
- a catalogue of soil samples collected and assessment of the results of the soil sampling programme
- an appendix containing a list and summary description of all contexts recorded;
- a summary of the contents of the project archive and its location.

6.3 The report will be supported by an overall plan of the site, accurately identifying the location of the excavation, indicating the location of archaeological features with supporting section drawings, where appropriate, and photographs.

6.4 The report will contain the specialist reports following the analysis of the artefacts and ecofacts recovered.

6.5 Finally, the report will offer an interpretation of the archaeological significance of the deposits identified, in relation to the development of the site as a whole and to other sites in the surrounding landscape.

6.6 Allowance will be made for the preparation and publication of the work in the form of a note to the *Society for Lincolnshire History and Archaeology*, for inclusion within next year's journal, and a subsequent article for that journal or a regional journal if warranted by the results.

7. Copyright, Confidentiality and Publicity

7.1 Unless the developer commissioning the project wishes to state otherwise, the copyright of any written, graphic or photographic record and reports rests with the originating body (Archaeological Services WYAS). Issues

concerning copyright will be agreed between Archaeological Services WYAS and the developer at the outset of the project.

7.2 The circumstances under which the report or records can be used by other parties will be identified at the commencement of the project, as will the proposals for the distribution of the report. Archaeological Services WYAS will respect the developer's requirements over confidentiality, but will endeavour to emphasise the company's professional obligation to make the results of archaeological work known to the wider archaeological community within a reasonable time.

7.3 Archaeological Services WYAS will agree with the developer all aspects of publicity at the outset of the project.

8. Health and Safety

8.1 Health and safety considerations will take priority over archaeological matters.

8.2 Archaeological Services WYAS has its own Health and Safety policy which has been compiled using national guidelines such as SCAUM. These guidelines conform to all relevant Health and Safety legislation.

8.3 In addition each project undergoes a 'Risk Assessment' which sets project specific Health and Safety requirements to which all members of staff are made aware of prior to on–site work commencing.

9. Insurance

9.1 Archaeological Services WYAS is covered by the insurance and indemnities of the City of Wakefield Metropolitan District Council.

9.2 Insurance has been effected with Zurich Municipal, Sterling House, 2 The Bourse, Leeds LS1 5EE.

9.3 The policy number is QLA 03R896 0013

9.4 Any further enquiries should be directed to :

Head of Financial Services, Central Services Department, City of Wakefield MDC, County Hall, Bond Street, Wakefield WF1 2QW.

10. Monitoring

10.1 The Lincolnshire County Archaeological Officer will be responsible for monitoring the project. The officer and his representatives will be afforded the opportunity to inspect the site and the records at any stage of the work.

11. Resources and Programming

11.1 Project personnel :

Project Management:	Paul Wheelhouse BA
Project Supervisor:	Louise Martin BSc
Assistant Supervisor	Adam Smith BSc
Site Assistant	Toby Kendall BSc
	Marina Rose BSc
	Tom Small BA
Archaeological Surveyor	Robert McNaught BSc
Illustrator/CAD operator:	Andy Swann MAAIS
Photographer:	Paul Gwilliam BA

11.2 Post–excavation specialists :

Prehistoric pottery specialist:	Dr David Knight*
Roman pottery specialist:	Barbara Precious*
Medieval/Post-medieval pottery specialists:	Dr Chris Cumberpatch*
	Jane Young
Flint specialist:	Dr Ian P Brooks*
Environmental co-ordinator and faunal analyst:	Dr Jane E Richardson*
Charred plant remains and wood charcoal:	Ruth Young MPhil*
Roman coins:	Dr Peter Guest*
Miscellaneous objects and metalwork specialists:	Dr Hilary Cool*
	Holly Duncan BA MLitt*
Waterlogged artefacts/leather:	Dr Quita Mould
Human bone specialist:	Andrea Burgess BSc*
Metallurgical specialist:	Jane Cowgill
Artefact conservationist:	Karen Barker*

* Summary or full CV of consulting specialists supplied in Appendix 2. Outstanding CVs will be forwarded in due course.

11.3 The list of Archaeological Services WYAS project personnel may be subject to change. The list of external post-excavation specialists may also be subject to change.

11.4 The identification, excavation, recording and sampling of archaeological features is anticipated to start at the outset of the machine stripping. It is anticipated that an on-site team of five, consisting of a Project Supervisor, Assistant Supervisor and three Site Assistants will complete the necessary archaeological works within four weeks. Archaeological Services WYAS have been given a formal instruction to commence with the on-site operation, and this is now programmed to start on Monday 22nd May 2000.

Appendix 1 Recording and reporting guidelines

The general and more specific standards of both recording and reporting that will be adhered to during the project are listed below. This list will be updated, as necessary, during the project.

- English Heritage 1991 "*Management of Archaeological Projects*", Second Edition (MAP2)
- Institute of Field Archaeologists "Code of Approved Practice for the Regulation of Contractural Arrangements in Field Archaeology"
- Institute of Field Archaeologists 1994 "Draft Standard and Guidance for Archaeological Excavations"
- Institute of Field Archaeologists "*IFA Guidelines for Finds Work*"
- Association of Environmental Archaeology 1995 "Environmental Archaeology and Archaeological Evaluations"
- Museums and Galleries Commission 1994 "Standards in the museum care of archaeological collections"
- United Kingdom Institute for Conservation 1990 "Guidelines for the preparation of Excavation Archives for long-term storage"
- Institute for Field Archaeologists Code of Conduct
- McKinley, J.I. and Roberts, C. 1993 "Excavation and post-excavation treatment of cremated and inhumed human remains" IFA Technical Paper No. 13
- Philo, C and Swann, A. 1997 "*Preparation of Artwork for Publication*" IFA Technical Paper No. 10

Appendix VIII

Prehistoric pottery information and Table A1

Fabric types descriptions

1 SHMC [Inclusion type (SH), quantity (M) and size (C)]

Contains a moderate quantity of moderately sorted angular fossil shell inclusions of low sphericity and coarse modal size. The exterior of the sherds is pale orange and brown, the interior surface is brown and grey and the core is grey to black. The material is oxidised on the exterior and well fired but soft, and the interior is irregularly fired and the core is unoxidised.

2 SHCC

This fabric contains a common amount of moderately sorted sub-angular fossil shell material of low sphericity and coarse size. The exterior colour of the sherds is orange and the interior is pale orange, the core is buff to orange. The material has an oxidised exterior and interior and an irregularly fired core.

3 SHMV

Contains a moderate quantity of moderately sorted and angular fossil shell of low sphericity and of very coarse size. The exterior and interior surfaces are pale orange and brown, and the core is grey. Sherds have an oxidised exterior, an irregularly fired interior and an unoxidised core.

4 SHMM

The sherds contain a moderate amount of moderately sorted angular fossil shell of low sphericity and of medium size. The exterior and interior surfaces are deep orange and the core is grey. The sherds have an oxidised exterior and interior and unoxidised core.

5 GTSC

The fabric contains a sparse quantity of poorly sorted sub-angular granitic material of low sphericity and coarse size. The exterior is orange in colour, the interior and core are grey in colour. The exterior surface is oxidised but the interior and core is unoxidised.

Inclusions within the fabric of the pottery:

Type: SH= fossil shell material: GT= granite

Quantities: S= Sparse, 3-9%: M= moderate, 10-19%: C= common, 20-30%

Modal size: M= medium, 0.25-1.00mm: C= coarse, 1.00-3.00mm: V= very coarse, over 3.00mm

Table A1. Catalogue of prehistoric pottery

Code	Context/Pot No	Context Type	Sherds No	Fragments No	Weight g	Fabric No & type	Abrasion Level	Wall Thickness mm	Illust. No	Other Finds	Description
LPR00	2	subsoil	3	-	14	1-SHMC	U	10			body sherds, fingertip dec
	7/1	subsoil	4	-	23	2-SHCC	U	13		3 fl, R pot	undec body sherds
	7/2		1	-	16	2-SHCC	S	13	4	18 ab	base sherd, poss Neolithic G Ware
	9/1	pit 010 fill 1226	15	5	229	3-SHMV	U	12	1	5 ab	Grooved Ware, horiz & chevron dec. 4 base, base/body, 10 body
	9/2		5	-	16	4-SHMM	U	5	2		1 rim imp dec, 2 Gr Ware dec body
	9/3		11	37	324	4-SHMM	S	11	5		5 rim & joining body sherds 2 joining body sher Pborough Ware random vertical fingernail folded back rim manufacture clearly seen in brea
LQL00	1015	pit 1014	1	-	1	5-GTSC	S	7			undec small body sherd
	1028	posthole 1027	1	-	1	4-SHMM	S	8			small undecorated body sherd
	1030	posthole 1029	1	-	6	4-SHMM	V	7			vague dec very abraded body sherd
	1040	Posthole 1037	1	-	5	2-SHCC	U	7			undec body sherds
	1091	posthole	1	-	3	1-SHMC	U	7			small undec body sherd, some finger moulding
	1110/ 144	hearth 1449	1	-	3	1-SHMC	M	5			undecorated body sherd
	1155	pit 1154	1	2	2	1-SHMC	A	9			undec small body sherds – prehistoric
	1179	pit 1178	1	-	1	4-SHMM	A	6		3 fl, 1 ab, 2 R pot	undec v abraded sherd – prehistoric
	1257	pit 1256	2	-	4	1-SHMC	S	7			undec small body sherd – preh
	1278	pit 1277	7	3	114	1-SHMC	U	6/9	3	2 fl, 48 ab, 1 fl adze	dec rim & body sherds, Grooved Ware, horiz diag grooves & impressed dec also base sherds
	1380/ SF241	ditch 1379	1	1	3	3-SHMV	U	9		R pottery	undec small body sherds - prehistoric
	1440	quarry pit 1439	-	1	-	4-SHMM	A	-	-	R pottery	unidentified small piece
Totals			**57**	**49**	**765**						

Key: Abrasion level: U unabraded, S slightly abraded, M moderately abraded, A abraded, V very abraded; Other finds: fl flint, ab animal bone, R pot Roman pottery sherd

Appendix IX

Roman pottery information and Tables A2-A5

Fabrics definitions

Publication of *The National Roman Fabric Reference Collection*, abbreviated NRFRC (Tomber and Dore 1998), obviate the need to describe the major imported and widely traded Romano-British wares in detail.

Code	Fabric
CC	A single body sherd from a closed vessel in a light red-brown fabric, not clearly from the Nene Valley, with traces of a possible dark grey external colour-coat. Source unknown.
GFIN	Fine grey. This coding is used for reduced fabrics of a quality lying between the common quartz-gritted GREY used for most jars and bowls, and the very fine fabrics used for London-type ware and Parisian ware. A fine fabric with quartz inclusions larger than the silt-size seen in London-type ware.
GREY	Grey, undifferentiated quartz-gritted grey fabrics, hard wares with sparse to common quartz inclusions. A fabric group rather than a discrete fabric.
LCOA	This is a coarse 'pebbly' ware fabric in the City of Lincoln fabric type series. A hard, coarse fabric with varying proportions of inclusions and a harsh feel. The hackly fracture reveals abundant grey and opaque quartz (SR 0.2-0.3mm; moderate 0.4-0.5mm); distinctive, but less frequent larger quartz (R >1.5mm) and rare red iron-rich particles and calcareous inclusions. Although the precise source is unknown, thin section analysis tends to suggest that LCOA products derive from a source local to Lincoln. It is only found in the latest Roman deposits in the city, but has also been noted in sites south of Lincoln, such as Normanton, to the south of Leadenham.
MOSP	NRFRC = SWN WS
NVCC	Nene Valley colour-coat NRFRC = LNVCC
NVPA	Lower Nene Valley Parchment ware. NRFRC: LNV PA
OX	Oxidized, miscellaneous oxidized wares. This coding comprises all miscellaneous oxidized sherds, usually in varying red-brown shades and degrees of grittiness, for which no significant fabric groupings are evident. Only closed forms appear to be represented except for a rim fragment from a possible plain-rimmed dish.
OXL	Oxidized lighter red-brown. Fabrics in light cream-brown shades. A single fragment, very abraded, which could be from a tile, from cleaning of 1180 Structure 1 demolition.
OXSA	This is a sandy oxidized red-brown fabric, with common to abundant quartz inclusions (SR mostly 0.2-0.3mm). Nearly all the sherds come from a single curved rim jar in very poor fragmented condition with a string-marked base in demolition deposits in Structure 1. Other sherds occur in the quarry pit 1220 and the sub-circular feature 0058. The source is unknown.
PRO	Post-Roman, all post-Medieval, from quarry pit 1220 (cxt 1224) and topsoil.
SHEL	Shell-gritted, miscellaneous shell-gritted ware.

Fabric definitions cont.

Code	Fabric
SPIR	Late Roman grooved ware. This is a fabric in the City of Lincoln fabric type series. The fabric is hard and red-brown in colour, occasionally grey, with a hackly fracture revealing common well-sorted quartz (SR most 0.2-03mm) and sparse large quartz fragments (SR >1.0mm); sparse red/black iron-rich inclusions (R >0.3mm) and very rare calcareous particles (R >1.2mm). Vessels are externally rilled from the shoulder and usually coated with a slightly micaceous, dirty cream slip. Sooting or burning is often noted on the exterior. No source has been identified, but the relatively small quantity suggests that it was imported into Lincoln. Similar forms are made at the Alice Holt kilns (Lyne & Jefferies 1979) and in Portchester D ware (Fulford 1975). Similar vessels, in a different fabric, were also made at Mucking in Essex (pers comm Jeffries). As with LCOA, it is found only in the latest Roman deposits in Lincoln.

Roman pottery reports

All pottery assemblages are recorded according to the guidelines established by the *Study Group for Roman Pottery* (1994), and fulfill the requirements for the acceptance of archives of most museums including the Lincoln City and County Museum (1999). The pottery is recorded for fabric and form, decoration and other features such as manufacture, graffito, condition, and the minimum measure of sherd count is used only for minor groups, most assemblages having both count and weight. The archive database is recorded using the *Linux* operating system, and the resulting files are readily transferrable to other software as comma-separated (*.csv) files. The recording fields for the **BASIC ARCHIVE** are:

1. **Context**

2. **Fabric** - Fabrics are recorded using mnemonic codes, originally established for the Lincoln City publication project, and extended for other areas.

3. **Form** - Forms and vessel types are recorded using mnemonic codes which are hierarchical, the first letter denoting the vessel class, jar, bowl, beaker etc., and the following letters defining the type in more detail. The codes follow those used for the Lincoln City publication project.

4. **Manuf+** - includes codes to extract decoration, manufacture, alteration, stamps, graffito etc.

5. **Vessels** - denotes the number of vessels represented by the single record, usually to give a measure of the number of vessels comprising more than one sherd, a qualitative rather than a quantitative measure.

6. **Draw?** - a field to denote the necessity of drawing, usually shown as D for a vessel considered essential for illustration, or D? for a vessel which may prove to need illustration if another better example does not occur, or where the site stratigraphy gives it a higher importance for illustration.

7. **Dwg No.** - drawing numbers are issued routinely during archive work, and the vessels extracted and separately bagged. Some may prove to be unnecessary for illustration when the final selection is made.

8. **Comments** - gives the extent of the sherd/s and notes any information likely to be of value, including condition, abrasion (where excessive). Rim diameters are added for vessels for illustration, and occasionally the EVE, estimated percentage of surviving rim if this is felt to be useful.

9. **Links** - joins with other contexts, and sherds likely to be from the same vessel.

10. **Sherds**

11. **Weight**

At the end of the records for each context, a 'pseudo' fabric, ZDATE, records the date of the pottery for that context, focusing on the latest feasible date. A further code, ZZZ, is used to record any comments about the context, such as condition, spread of dates or any other information felt to be useful. The combination of fabric and form can be used to examine functional aspects, and as a basis for chronological analysis. Pottery which may require specialist attention, e.g., samian, mortaria, amphorae, is extracted during archiving. If a fully quantified record is required, including a record of rim diameters and estimated vessel equivalents based on rim percentages (EVEs), the basic archive database is copied to a quantified database with extra fields to enable the recording of the additional quantified data.

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Table A2. Roman pottery quantities, dates and comments by deposit

Cut	Description	Cxt	Same as	Sherds	Weight	Date	Comments	g/sherd
1235	Structure 1 flue Const.cut	1372		1	1	ROM		1.0
	Structure 1 demolition flue	1234		2	34	3C+?		17.0
	Structure 1 demolition	1232		47	694	4C	Some burning;ABR;prob link 1180US	14.8
	Structure 1 demolition cleaning	1180US		7	56	3-4C?	VABR;prob link 1232	8.0
	Structure 1 demolition	1180	Same as 1228	22	391	L3-4	Some ABR	17.8
	Structure 1 demolition	1228	Same as 1180	24	298	4C	Some VABR sherds	12.4
	Structure 1 demolition	1233	Same as 1180	2	8	ROM		4.0
	Structure 1 demolition	0013	Same as 1180	1	15	ROM	VABR	15.0
1392/1314	Structure 2 fill & stokehole	1286		41	2058	4C	Fresh;joins 1287	50.2
1392/1314	Structure 2 fill & stokehole	1287	Same as 1312	11	304	4C	Joins 1286	27.6
1392/1314	Structure 2 demolition	1313	Same as 1238?	6	111	3-4C		18.5
1398	Structure 2 demolition	1238		13	131	M3-4	Prob link 1247	10.1
1392/1314	Structure 2 fill flue	1247	Same as 1312	19	265	M3-4	Most single bowl;?link 1238	13.9
1379	Ditch	1380		5	101	M3-4?		20.2
1379	Ditch surface finds	1380US		4	70	ML4		17.5
0019	Linear/quarry pit	0020		1	1	ROM		1.0
0021	Quarry pit	0022		1	2	ROM	VABR	2.0
0047	Quarry pit	0048	Same as 0050	3	46	ROM		15.3
0047	Quarry pit	0050	Same as 0048	7	207	3-4C PROB	Some ABR	29.6
0047	Quarry pit	0049		3	28	L3-4	VABR	9.3
1220	Quarry pit	1222		16	581	ML4		36.3
1220	Quarry pit	1224		18	199	L3-4/POST MED	Scrappy;ABR	11.1
1439	Quarry pit	1440		2	11	M4?	Some ABR	5.5
1071	Pit	1072		1	22	3C?		22.0
1178	Pit	1179		2	9	ROM		4.5
1419	Pit	1420		5	141	ML4		28.2
0058	Unexcav.sub-circ feature	0059		3	20	L3-4	ABR;1 VABR	6.7
1451	Pit/ephemeral feature	1416		10	555	4C	Fairly fresh	55.5
	Unexcav.post-hole?	1162		1	1	ROM		1.0

Table A2. Roman pottery quantities, dates and comments by deposit cont.

Cut	Description	Cxt	Same as	Sherds	eight	Date	Comments	g/sherd
0025	Linear trackway	0026		1	2	3-4C PROB	ABR	12.0
	Subsoil	0003-3		1		ROM	ABR	5.0
	Subsoil	0003-5		13	8	L3-4		6.8
	Subsoil	0007		1		ROM PROB	ABR	5.0
	Subsoil?	0015		6	6	ROM	ABR	9.3
	Topsoil	0001		21	79	3-4C PROB	ABR	8.5
	Topsoil	0001-3		5	8	POST MED	ABR	5.6
	Topsoil	0001-4		11	40	L3-4	ABR	12.7
	Topsoil	0001-6		5	2	3C?		6.4
	Topsoil	0001-3 (B3)		5	8	3-4C PROB		17.6
	Unstrat	+		2	4	3-4C		12.0
	Unstrat	Grid 980/1140		1		ROM	VABR	5.0
Total				**350**	**022**			**20.1**

Table A3. Roman vessel class and function by fabric

Fabric	Form	Class	Function	Sherds	Weight
CC?	CLSD	CLSD	-	1	7
FCLAY	-	-	-	2	10
GFIN	BK?	BK	DR	4	30
GFIN	JBKEV	JBK	DR	7	29
GFIN	-	-	-	1	2
GREY	-	-	-	107	821
GREY	BDTR	BD	TK	1	12
GREY	BFBH	B	TK	2	243
GREY	BIBF	B	TK	1	105
GREY	BK?	BK	DR	10	194
GREY	BRR	B	TK	1	21
GREY	BWM	B	TK	25	752
GREY	BWM	B	TK	1	21
GREY	CLSD	CLSD	-	8	112
GREY	CLSD	CLSD	-	2	25
GREY	J	J	K	4	163
GREY	J	J	K	6	112
GREY	JB	JB	TK	27	1240
GREY	JB	JB	TK	3	83
GREY	JBK?	JBK	DR	1	26
GREY	JBKCUR	JBK	DR	1	7
GREY	JCUR	J	K	1	4
GREY	JEV	J	K	3	55
GREY	JLH	JH	LH	8	180
GREY	JLS	J	K	1	9
GREY	JNN	JNN	LH	9	766
GREY	JRR	J	K	1	9
GREY	JSQ	J	K	1	6
GREY	OPEN?	BD	TK	1	25
GREY	-	-	-	3	10
LCOA	J	J	K	1	4
LCOA	JLS	J	K	4	45
MOSP	M	M	K	3	111
NVCC	BD	BD	TW	2	14
NVCC	BFB	B	TW	2	299
NVCC	CLSD	CLSD	-	1	20
NVCC	DPR	D	TW	2	91
NVCC	JB	JB	TW	1	7
NVCC	LBX	L	TW	1	9
NVCC	LBX	L	TW	1	41
NVCC	OPEN?	BD	TW	1	2
NVPA	PL	D	TW	1	26
OX	-	-	-	2	11
OX	DPR?	D	TK	1	3
OX	-	-	-	2	10
OXL	-	-	-	1	7
OXSA	-	-	-	8	19

Table A4. Archive codes:

Vessel type codes

Code	Vessel type
BD	Bowl or dish
BDTR	Bowl or dish
BFB	Bowl bead & flange
BFBH	Bowl high bead & flange
BIBF	Bowl inturned bead & flange
BK	Beaker
BRR	Bowl rounded rim
BWM	Bowl wide-mouth
CLSD	Closed form
DPR	Dish plain rim
J	Jar
JB	Jar or bowl
JBK	Small jar/beaker
JBKCUR	Small jar/beaker curved rim
JBKEV	Small jar/beaker everted rim
JCUR	Jar curved rim
JEV	Jar everted rim
JLH	Jar lug-handled
JLS	Jar lid-seated
JNN	Jar narrow-necked
JRR	Jar round rim
JSQ	Jar squared rim
LBX	Lid Castor box
LID	Lid
M	Mortarium
OPEN	Open form
PL	Plate

Manufacture /decoration

Code	Expansion
BIA	Burnished intersecting arcs
BLOOP	Burnished loops
BS	Burnished scroll
BVL	Burnished vertical lines
BL	Burnished lines
BWL	Burnished wavy lines
COWL	Combed wavy lines
HM	Hand-made
PA	Painted
RIL	Rilled
ROUZ	Rouletted zone

Table A5. Roman pottery data tables

Description	Same as	Cut	Cxt	Fabric	Form	Manuf+	Ves	D?	DNo	Details	Link	Shs	Wt
Structure 1 demolition	1180		0013	GREY	-	-	-	-	-	BS;VABR	-	1	15
Structure 1 demolition	1180		0013	ZDATE	-	-	-	-	-	ROM	-	-	-
Structure 1 demolition	1180		0013	ZZZ	-	-	-	-	-	VABR	-	-	-
Structure 1 demolition	1228		1180	CC?	CLSD	-	-	-	-	BS;LTRB FAB;?TRACES DKGRY CC EXT	-	1	7
Structure 1 demolition	1228		1180	GREY	-	-	-	-	-	BSS;MOSTLY ABR	-	4	34
Structure 1 demolition	1228		1180	GREY	BK?	-	-	-	-	THIN WALL BS;VABR	-	1	1
Structure 1 demolition	1228		1180	GREY	BWM	-	-	-	-	RIM/NECK ONLY;LEAF-SHAPE CURVE TYPE;DIAM29?	-	1	58
Structure 1 demolition	1228		1180	GREY	CLSD	-	-	-	-	SHLDR? LTFAB;DK SURFS;NR NVGW COARSE?	-	1	3
Structure 1 demolition	1228		1180	GREY	J	-	-	-	-	BASE FRAG;VABR	-	1	35
Structure 1 demolition	1228		1180	GREY	JB	-	-	-	-	BASAL SHERD;LGEISH VESS;VABR	-	1	66
Structure 1 demolition	1228		1180	GREY	JB	-	-	-	-	BASE;LGEISH VESS	-	1	103
Structure 1 demolition	1228		1180	GREY	JEV	-	-	-	-	RIM FRAG ONLY	-	1	5
Structure 1 demolition	1228		1180	NVCC	DPR	-	-	-	-	RIM/WALL;BARELY D'ABLE;LTRB FAB	-	1	16
Structure 1 demolition	1228		1180	NVCC	OPEN?	-	-	-	-	BURNT FRAG ONLY	-	1	2
Structure 1 demolition	1228		1180	OXSA	-	-	1?	-	-	BSS/CRUMBS;POOR COND BRIGHT RB	-	4	3
Structure 1 demolition	1228		1180	SHEL	J	-	-	-	-	BASE;WALL;INT SURF LOST;NOT CERTAIN WM;DKGRY	-	1	50
Structure 1 demolition	1228		1180	SHEL	J	-	-	-	-	BS;VABR;LTER GREY	-	1	3
Structure 1 demolition	1228		1180	SHEL	J	-	-	-	-	BSS;DKGRY	-	2	5
Structure 1 demolition	1228		1180	ZDATE	-	-	-	-	-	L3-4	-	-	-
Structure 1 demolition	1228		1180	ZZZ	-	-	-	-	-	SOME ABRASION	-	-	-
Structure 1 demolition	1180		1228	FCLAY	-	HM	1	-	-	FRAGS J;DKGRY;BURNT DKGRY CLAY&CHALK? INCLS	-	2	10
Structure 1 demolition	1180		1228	GFIN	JBKEV	-	1	-	03	RIMS;SHLDR;NONJ BSS;FFINE FAB	-	7	29
Structure 1 demolition	1180		1228	GREY	-	-	-	-	-	BSS;SOME VABR	-	7	55

Table A5. Roman pottery data tables cont.

Description	Same as	Cut	Cxt	Fabric	Form	Manuf+	Ves	D?	DNo	Details	Link	Shs	Wt
Structure 1 demolition	1180		1228	GREY	BRR	-	-	-	-	RIM FRAG ONLY;DIAM 24?	-	1	21
Structure 1 demolition	1180		1228	GREY	JBK?	-	-	-	-	BASE PLAIN	-	1	26
Structure 1 demolition	1180		1228	GREY	JEV	-	-	D	04	RIM/SHLDR;F.COARSE;DKGRY ?BURNT EXT	-	1	37
Structure 1 demolition	1180		1228	GREY	JSQ	-	-	-	-	RIM FRAG ONLY;SQUARISH RIM	-	1	6
Structure 1 demolition	1180		1228	GREY?	-	-	-	-	-	BS;DKGRY;CR EXT;LTRB INT ?BURNT	-	1	3
Structure 1 demolition	1180		1228	MOSP	M	-	1	-	-	BASE FRAGS JOINING;SLAG TG	-	3	111
Structure 1 demolition	1180		1228	ZDATE	-	-	-	-	-	4C	-	-	-
Structure 1 demolition	1180		1228	ZZZ	-	-	-	-	-	SOME VABR SHERDS	-	-	-
Structure 1 demolition	1180		1232	GREY	-	-	-	-	-	BSS	-	6	23
Structure 1 demolition	1180		1232	GREY	BK?	-	1	D	7	RIM;BSS;V.STRANGE;THICK WALLED	-	8	190
Structure 1 demolition	1180		1232	GREY	CLSD	-	-	-	-	BS;O'FIRED?	-	1	7
Structure 1 demolition	1180		1232	GREY	J	-	-	-	-	BASE STRING	-	1	37
Structure 1 demolition	1180		1232	NVCC	DPR	-	-	D	5	COMP PROF;BURNT BASE	-	1	75
Structure 1 demolition	1180		1232	NVCC	LBX?	ROUZ	-	-	-	BS;V.BURNT;VABR	-	1	41
Structure 1 demolition	1180		1232	NVPA	PL	PA	-	D	6	RIM/PT WALL;LAZY S PA DECOR	-	1	26
Structure 1 demolition	1180		1232	OXSA	JCUR	-	1	D?	-	RIM;BSS;STRING BASE;VPOOR COND;PROB SAME	1180US	24	181
Structure 1 demolition	1180		1232	SHEL	J	-	1	-	-	BASE STRING;BS;DKGRY;L'SCALE;?BOURNE	-	4	114
Structure 1 demolition	1180		1232	ZDATE	-	-	-	-	-	4C	-	-	-
Structure 1 demolition	1180		1232	ZZZ	-	-	-	-	-	SOME BURNING;ABRASION	-	-	-
Structure 1 demolition cleaning			1180US	GFIN?	-	-	-	-	-	BS;V.LTGRY;VABR	-	1	2
Structure 1 demolition cleaning			1180US	GREY	-	-	-	-	-	BS;VVABR	-	1	5
Structure 1 demolition cleaning			1180US	OXL	-	-	-	-	-	BS;VVABR;POSS ?TILE	-	1	7
Structure 1 demolition cleaning			1180US	OXSA	J?	-	1?	-	-	BASE FRAGS;STRING;BS;PROB SAME	1232	4	42
Structure 1 demolition cleaning			1180US	ZDATE	-	-	-	-	-	3-4C?	-	-	-
Structure 1 demolition cleaning			1180US	ZZZ	-	-	-	-	-	V.ABRADED	-	-	-
Structure 1 demolition deposit	1180		1233	GREY	-	-	-	-	-	BS	-	1	4
Structure 1 demolition deposit	1180		1233	GREY?	-	-	-	-	-	BS V.BURNT;LTRB INT	-	1	4
Structure 1 demolition deposit	1180		1233	ZDATE	-	-	-	-	-	ROM	-	-	-
Structure 1 demolition flue			1234	GFIN	BK?	-	-	-	-	FTM BASE;STRING;SELF-SLIP;BURNISH EXT	-	1	28

Table A5. Roman pottery data tables cont.

Description	Same as	Cut	Cxt	Fabric	Form	Manuf+	Ves	D?	DNo	Details	Link	Shs	Wt
Structure 1 demolition flue			1234	GREY	-	-	-	-	-	BS;ABR	-	1	6
Structure 1 demolition flue			1234	ZDATE	-	-	-	-	-	3C+?	-	-	-
Structure 1 flue Const.cut		1235	1372	GFIN	BK?	-	-	-	-	THIN-WALL BS;LTRB FAB;MID GRY SURFS	-	1	1
Structure 1 flue Const.cut		1235	1372	ZDATE	-	-	-	-	-	ROM	-	-	-
Structure 2 demolition		1398	1238	GREY	-	-	-	-	-	BSS	-	10	77
Structure 2 demolition		1398	1238	GREY	BWM	-	1	D	8	RIM/NECK;SELF SLIP;?BURNT;SAME?	1247	2	29
Structure 2 demolition		1398	1238	GREY	OPEN?	-	-	-	-	BASE FRAG	-	1	25
Structure 2 demolition		1398	1238	ZDATE	-	-	-	-	-	M3-4	-	-	-
Structure 2 demolition	1238?	1392/1314	1313	GREY	-	-	-	-	-	BS	-	1	9
Structure 2 demolition	1238?	1392/1314	1313	GREY	BDTR	-	-	D?	-	RIM;PT WALL	-	1	12
Structure 2 demolition	1238?	1392/1314	1313	GREY	JB?	-	1	-	-	BASE PLAIN;STRING	-	3	83
Structure 2 demolition	1238?	1392/1314	1313	GREY	JBKCUR	-	-	D?	-	RIM;PT WALL	-	1	7
Structure 2 demolition	1238?	1392/1314	1313	ZDATE	-	-	-	-	-	3-4C	-	-	-
Structure 2 fill & stokehole		1392/1314	1286	GREY	-	-	-	-	-	BSS	-	4	15
Structure 2 fill & stokehole		1392/1314	1286	GREY	BWM	-	-	D?	-	RIM/PT NECK;DIAM 36	-	1	115
Structure 2 fill & stokehole		1392/1314	1286	GREY	J	BLOOP?	1	-	-	BSS J;FRESH;BURNISH ?LOOP DEC	-	2	91
Structure 2 fill & stokehole		1392/1314	1286	GREY	J?	-	-	-	-	BASE FTM;V.HARD FIRED	-	1	52
Structure 2 fill & stokehole		1392/1314	1286	GREY	JB	-	-	-	-	FLAKE X BURNISHED ROUNDED RIM	-	1	6
Structure 2 fill & stokehole		1392/1314	1286	GREY	JB	-	1	-	-	BASE PLAIN;PROB BWM;CR SELF-SLIP?	-	4	133
Structure 2 fill & stokehole		1392/1314	1286	GREY	JB	-	1	-	-	SHLDR BSS	-	2	22
Structure 2 fill & stokehole		1392/1314	1286	GREY	JB	BS	1	-	-	LGE BSS;FRESH	-	2	297
Structure 2 fill & stokehole		1392/1314	1286	GREY	JLH	BS	1	D	11	RIM DIAM 16;NON J SHLDR	-	8	180
Structure 2 fill & stokehole		1392/1314	1286	GREY	JNN	COWL;BWL;BS?	1	D	10	RIM>BODY;DIAM 16;JOINS	1287	7	639
Structure 2 fill & stokehole		1392/1314	1286	NVCC	BFB	-	-	D	9	COMP PROF;MISS PART RIM;BURNT	-	1	276
Structure 2 fill & stokehole		1392/1314	1286	SHEL	BFB	-	1	D	12	RIM/WALL;GROOVED;BURNT;DIAM 24	-	5	184
Structure 2 fill & stokehole		1392/1314	1286	SHEL	J	-	-	D	20	RIM/PT NECK;ROUNDED RIM	-	1	42
Structure 2 fill & stokehole		1392/1314	1286	SHEL	J	RIL	1	-	-	BSS J	-	2	6
Structure 2 fill & stokehole		1392/1314	1286	ZDATE	-	-	-	-	-	4C	-	-	-

Table A5. Roman pottery data tables cont.

Description	Same as	Cut	Cxt	Fabric	Form	Manuf+	Ves	D?	DNo	Details	Link	Shs	Wt
Structure 2 fill & stokehole		1392/1314	1286	ZZZ	-	-	-	-	-	FRESH;JOINS	-	-	-
Structure 2 fill & stokehole	1312	1392/1314	1287	GREY	BWM	BS?	-	-	-	SHLDR/BODY	-	1	84
Structure 2 fill & stokehole	1312	1392/1314	1287	GREY	CLSD	-	-	-	-	FTRG BASE;STRING;ABR;JB?	-	1	20
Structure 2 fill & stokehole	1312	1392/1314	1287	GREY	J?	-	-	-	-	BS;V.HARD FIRED	-	1	4
Structure 2 fill & stokehole	1312	1392/1314	1287	GREY	JB	BWL	-	-	-	BS;ABR	-	1	10
Structure 2 fill & stokehole	1312	1392/1314	1287	GREY	JNN	COWL	1	D	10	BSS;JOINS	1286	2	127
Structure 2 fill & stokehole	1312	1392/1314	1287	LCOA?	JLS	-	1?	D	13	RIM;NON-J SHLDR SHS	-	4	45
Structure 2 fill & stokehole	1312	1392/1314	1287	SHEL	J	-	-	-	-	BS;SOOTED EXT	-	1	14
Structure 2 fill & stokehole	1312	1392/1314	1287	ZDATE	-	-	-	-	-	4C	-	-	-
Structure 2 fill flue	1312		1247	GREY	-	-	-	-	-	BS COARSER FAB;BURNT EXT	-	1	5
Structure 2 fill flue	1312		1247	GREY	-	-	-	-	-	BSS	-	3	23
Structure 2 fill flue	1312		1247	GREY	BWM	BIA?	1	D	8	RIM/NECK;NON-J SHLDR/LWR WALL;CR SELF-SLIP;SAME?	1238	15	237
Structure 2 fill flue	1312		1247	ZDATE	-	-	-	-	-	M3-4	-	-	-
Structure 2 fill flue	1312		1247	ZZZ	-	-	-	-	-	MOST ONE BOWL	-	-	-
Ditch		1379	1380	GREY	-	-	-	-	-	BS	-	1	7
Ditch		1379	1380	GREY	-	-	-	-	-	CHIP;VABR	-	1	1
Ditch		1379	1380	GREY	JB	-	-	-	-	RIM FRAG;SAME TYPE;DIAM 30	-	1	19
Ditch		1379	1380	GREY	JB	-	-	D?	-	RIM;NECK;DIAM 26;CURVED LEAF-SHAPE RIM	-	1	70
Ditch		1379	1380	SHEL	JLS	-	-	-	-	RIM FRAG	-	1	4
Ditch		1379	1380	ZDATE	-	-	-	-	-	M3-4?	-	-	-
Ditch		1379	1380	ZZZ	-	-	-	-	-	NOT CLOSELY DATABLE	-	-	-
Ditch surface finds		1379	1380US	GREY	-	-	-	-	-	BS;VABR	-	1	4
Ditch surface finds		1379	1380US	GREY	JB	BWL	1	-	-	BSS JOINING;FRESH	-	2	24
Ditch surface finds		1379	1380US	SHEL	BIBF	-	-	D	02	RIM/PT WALL	-	1	42
Ditch surface finds		1379	1380US	ZDATE	-	-	-	-	-	ML4	-	-	-
Linear trackway		0025	0026	GREY	JB	-	-	-	-	FLAKE X ROUNDED RIM?;ABR	-	1	12
Linear trackway		0025	0026	ZDATE	-	-	-	-	-	3-4C PROB	-	-	-
Linear trackway		0025	0026	ZZZ	-	-	-	-	-	ABRADED	-	-	-

Table A5. Roman pottery data tables cont.

Description	Same as	Cut	Cxt	Fabric	Form	Manuf+	Ves	D?	DNo	Details	Link	Shs	Wt
Linear/quarry pit		0019	0020	GREY	-	-	-	-	-	BS;SABR	-	1	1
Linear/quarry pit		0019	0020	ZDATE	-	-	-	-	-	ROM	-	-	-
Pit /ephemeral feature		1451	1416	GREY	-	-	-	-	-	CHIP	-	1	1
Pit /ephemeral feature		1451	1416	GREY	BFBH	-	1	D	01	RIM/WALL	-	2	243
Pit /ephemeral feature		1451	1416	GREY	CLSD	-	1	-	-	BSS JOINING	-	2	43
Pit /ephemeral feature		1451	1416	GREY	JB	-	1	-	-	STRING BASE & BSS;LGEISH VESS	-	3	195
Pit /ephemeral feature		1451	1416	GREY	JB	BWL	-	-	-	BS;THINNER WALL	-	1	43
Pit /ephemeral feature		1451	1416	GREY	JB	BWL?	-	-	-	BS;TRACE BWL	-	1	30
Pit /ephemeral feature		1451	1416	ZDATE	-	-	-	-	-	4C	-	-	-
Pit /ephemeral feature		1451	1416	ZZZ	-	-	-	-	-	F.FRESH	-	-	-
Pit		1071	1072	SHEL	J	-	-	-	-	NECK/BODY;BRGHT RB;SHELL;?CHALK;WM;POOR COND	-	1	22
Pit		1071	1072	ZDATE	-	-	-	-	-	3C?	-	-	-
Pit		1071	1072	ZZZ	-	-	-	-	-	BOURNE FAB?	-	-	-
Pit		1178	1179	GREY	-	-	1?	-	-	BSS	-	2	9
Pit		1178	1179	ZDATE	-	-	-	-	-	ROM	-	-	-
Pit		1419	1420	GREY	J?	BVL;BL	-	-	-	BS;SQUARE BURNISH DEC	-	1	15
Pit		1419	1420	SHEL	BIBF	-	1	D	17	RIM/WALL;POOR COND	-	4	126
Pit		1419	1420	ZDATE	-	-	-	-	-	ML4	-	-	-
Quarry pit		0021	0022	GREY	J?	-	-	-	-	NECK? FRAG;VABR	-	1	2
Quarry pit		0021	0022	ZDATE	-	-	-	-	-	ROM	-	-	-
Quarry pit		0021	0022	ZZZ	-	-	-	-	-	VABR	-	-	-
Quarry pit	0050	0047	0048	GREY	-	-	-	-	-	BS;LTRB FAB;GRY SURFS;VABR	-	1	21
Quarry pit	0050	0047	0048	GREY	CLSD?	-	-	-	-	BS LTRB CORTEX;VABR	-	1	10
Quarry pit	0050	0047	0048	GREY	CLSD?	-	-	-	-	BS;TRACE OF GROOVE;LTRB ?CORTEX;VABR	-	1	15
Quarry pit	0050	0047	0048	ZDATE	-	-	-	-	-	ROM	-	-	-
Quarry pit		0047	0049	GREY	-	-	-	-	-	BSS;ONE THIN WALL;VABR	-	2	5
Quarry pit		0047	0049	NVCC	BFB	-	-	D?	-	RIM;PT WALL;CR FAB;VABR	-	1	23
Quarry pit		0047	0049	ZDATE	-	-	-	-	-	L3-4	-	-	-
Quarry pit		0047	0049	ZZZ	-	-	-	-	-	V.ABRADED	-	-	-

Table A5. Roman pottery data tables cont.

Description	Same as	Cut	Cxt	Fabric	Form	Manuf+	Ves	D?	DNo	Details	Link	Shs	Wt
Quarry pit	0048	0047	0050	GREY	-	-	-	-	-	BSS;ABR	-	4	35
Quarry pit	0048	0047	0050	GREY	J?	-	-	-	-	BASAL SH	-	1	13
Quarry pit	0048	0047	0050	GREY	JB	-	-	-	-	STRING BASE;LGEISH VESS	-	1	158
Quarry pit	0048	0047	0050	SHEL	J?	-	-	-	-	BS;RB INT;DKGRY	-	1	1
Quarry pit	0048	0047	0050	ZDATE	-	-	-	-	-	3-4C PROB	-	-	-
Quarry pit	0048	0047	0050	ZZZ	-	-	-	-	-	SOME ABRASION	-	-	-
Quarry pit		1220	1222	GREY	-	-	-	-	-	BS;ABR	-	1	21
Quarry pit		1220	1222	GREY	-	-	-	-	-	BSS	-	2	19
Quarry pit		1220	1222	GREY	BWM	-	1	D	19	RIM/NECK ONLY;LGE DIAM 36	-	2	154
Quarry pit		1220	1222	GREY	CLSD	-	-	-	-	BASAL SHERD;BURNISHED	-	1	29
Quarry pit		1220	1222	GREY	CLSD	-	1	-	-	BSS;F.FINE FB;LTRB CORE	-	2	10
Quarry pit		1220	1222	GREY	J?	-	-	-	-	BASE PLAIN;BURNISHED	-	1	26
Quarry pit		1220	1222	GREY	JEV	-	1	D	16	RIM/NECK ONLY;DIAM 12;S'POOL	-	1	13
Quarry pit		1220	1222	NVCC	CLSD	-	-	-	-	BS;GREY FAB	-	1	20
Quarry pit		1220	1222	SHEL	J	-	-	-	-	BASE;STRING	-	1	125
Quarry pit		1220	1222	SHEL	J	-	2	-	-	BSS	-	2	22
Quarry pit		1220	1222	SHEL	JLS	-	-	D	18	RIM FRAG ONLY;LGE ?32DIAM	-	1	77
Quarry pit		1220	1222	SPIR?	J	-	-	D	15	RIM;SHLDR;BURNT RIM;DIAM 14	-	1	65
Quarry pit		1220	1222	ZDATE	-	-	-	-	-	ML4	-	-	-
Quarry pit		1220	1224	GFIN	BK?	-	-	-	-	BSS THIN WALL;ABR	-	2	1
Quarry pit		1220	1224	GREY	-	-	-	-	-	BSS;ABR	-	4	21
Quarry pit		1220	1224	GREY	BIBF	-	-	D	14	RIM/WALL;DIAM FLANGE 26	-	1	105
Quarry pit		1220	1224	GREY	BK?	-	-	-	-	FTM BASE FRAG;LTGRY	-	1	3
Quarry pit		1220	1224	GREY	JLS	-	-	-	-	RIM FRAG ONLY;LTGRY	-	1	9
Quarry pit		1220	1224	NVCC	BD	-	-	-	-	BS;CR FAB	-	1	6
Quarry pit		1220	1224	NVCC	LBX	-	-	-	-	BS LID;THICKISH;CR FAB	-	1	9
Quarry pit		1220	1224	OX?	-	-	-	-	-	BS;BURNT;VABR	-	1	9
Quarry pit		1220	1224	OXSA	-	-	-	-	-	BSS;ABR	-	4	16
Quarry pit		1220	1224	PRO	-	-	-	-	-	GLAZED PMED	-	1	14

Table A5. Roman pottery data tables cont.

Description	Same as	Cut	Cxt	Fabric	Form	Manuf+	Ves	D?	DNo	Details	Link	Shs	Wt
Quarry pit		1220	1224	SHEL	-	-	-	-	-	BS;VABR	-	1	6
Quarry pit		1220	1224	ZDATE	-	-	-	-	-	L3-4/POST MED	-	-	-
Quarry pit		1220	1224	ZZZ	-	-	-	-	-	SCRAPPY;ABR	-	-	-
Quarry pit		1439	1440	LCOA?	J?	-	-	-	-	BS;GREY;PEBBLY;ABR	-	1	4
Quarry pit		1439	1440	NVCC	JB	-	-	-	-	BS;CR FAB;ABR	-	1	7
Quarry pit		1439	1440	ZDATE	-	-	-	-	-	M4?	-	-	-
Quarry pit		1439	1440	ZZZ	-	-	-	-	-	SOME ABRASION	-	-	-
Subsoil			0003-3	GREY	-	-	-	-	-	LUMP;VVABR	-	1	5
Subsoil			0003-3	ZDATE	-	-	-	-	-	ROM	-	-	-
Subsoil			0003-3	ZZZ	-	-	-	-	-	ABRADED	-	-	-
Subsoil			0003-5	GREY	-	-	-	-	-	BSS;VABR	-	8	29
Subsoil			0003-5	GREY	BWM	-	1	-	-	RIM/NECK;ROUND ROLL TYPE;?SELF SLIP	-	2	30
Subsoil			0003-5	GREY	JRR	-	-	-	-	RIM FRAG	-	1	9
Subsoil			0003-5	GREY?	-	-	-	-	-	BS;VBURNT	-	1	3
Subsoil			0003-5	SHEL	-	-	-	-	-	BS;VVABR	-	1	17
Subsoil			0003-5	ZDATE	-	-	-	-	-	L3-4	-	-	-
Subsoil			0007	SHEL	-	-	-	-	-	BS VABR	-	1	5
Subsoil			0007	ZDATE	-	-	-	-	-	ROM PROB	-	-	-
Subsoil			0007	ZZZ	-	-	-	-	-	ABRADED	-	-	-
Subsoil?			0015	GREY	-	-	-	-	-	BSS;SOME ABR	-	6	56
Subsoil?			0015	ZDATE	-	-	-	-	-	ROM	-	-	-
Subsoil?			0015	ZZZ	-	-	-	-	-	ABRADED	-	-	-
Topsoil			0001	GREY	-	-	-	-	-	BSS;MOSTLY VABR	-	13	123
Topsoil			0001	GREY	JB	-	-	-	-	BASE PLAIN;STRING	-	1	15
Topsoil			0001	GREY	JB	-	-	-	-	NECK/SHLDR	-	1	16
Topsoil			0001	OX	-	-	-	-	-	FLAKE ?BURNT	-	1	1
Topsoil			0001	SHEL	-	-	-	-	-	BS RILL;CRUMBS	-	3	3
Topsoil			0001	SHEL	-	HM	1	-	-	BASE;DKGRY;RB EXT;BURNT U'SIDE;?IA	-	2	21
Topsoil			0001	ZDATE	-	-	-	-	-	3-4C PROB	-	-	-

Table A5. Roman pottery data tables cont.

Description	Same as	Cut	Cxt	Fabric	Form	Manuf+	Ves	D?	DNo	Details	Link	Shs	Wt
Topsoil			0001	ZZZ	-	-	-	-	-	ABRADED	-	-	-
Topsoil			0001-3	GREY	-	-	-	-	-	BS	-	1	1
Topsoil			0001-3	GREY	JCUR	-	-	-	-	RIM FRAG	-	1	4
Topsoil			0001-3	PRO	-	-	-	-	-	RIM;BS PMED	-	3	23
Topsoil			0001-3	ZDATE	-	-	-	-	-	POST MED	-	-	-
Terraceopsoil			0001-4	GREY	-	-	-	-	-	BS V.HARD FIRED	-	1	11
Topsoil			0001-4	GREY	-	-	-	-	-	BSS;MOST VABR	-	8	73
Topsoil			0001-4	GREY	BWM	-	-	-	-	RIM FRAG;ROUND ROLL;VABR	-	1	45
Topsoil			0001-4	GREY	JB	-	-	-	-	NECK/SHLDR	-	1	11
Topsoil			0001-4	ZDATE	-	-	-	-	-	L3-4	-	-	-
Topsoil			0001-4	ZZZ	-	-	-	-	-	ABRADED	-	-	-
Topsoil			0001-6	GREY	-	-	1	-	-	BSS J	-	2	14
Topsoil			0001-6	OX	-	-	-	-	-	BS;ABR	-	1	10
Topsoil			0001-6	OX	DPR?	-	-	-	-	RIM FRAG ONLY;BRIGHT RB	-	1	3
Topsoil			0001-6	SHEL	LID?	-	-	-	-	RIM FRAG;BURNT	-	1	5
Topsoil			0001-6	ZDATE	-	-	-	-	-	3C?	-	-	-
Topsoil			0001-3 (B3)	GREY	-	-	-	-	-	BSS VABR	-	4	78
Topsoil			0001-3 (B3)	GREY	JB	-	-	-	-	RIM ROUNDED FRAG;PROB BWM	-	1	10
Topsoil			0001-3 (B3)	ZDATE	-	-	-	-	-	3-4C PROB	-	-	-
Topsoil			0001-3 (B3)	ZZZ	-	-	-	-	-	ABRADED	-	-	-
Unexcav.phole?			1162	OX?	-	-	-	-	-	CHIP;?BURNT	-	1	1
Unexcav.phole?			1162	ZDATE	-	-	-	-	-	ROM	-	-	-
Unexcav.sub-circ feature		0058	0059	GREY	-	-	-	-	-	BS;VABR	-	1	10
Unexcav.sub-circ feature		0058	0059	NVCC	BD	-	-	-	-	BS;CR FAB;SABR	-	1	8
Unexcav.sub-circ feature		0058	0059	OXSA	CLSD	-	-	-	-	BS;ABR	-	1	2
Unexcav.sub-circ feature		0058	0059	ZDATE	-	-	-	-	-	L3-4	-	-	-
Unexcav.sub-circ feature		0058	0059	ZZZ	-	-	-	-	-	ABR;ONE VABR	-	-	-

A5. Roman pottery data tables cont.

Description	Same as	Cut	Cxt	Fabric	Form	Manuf+	Ves	D?	DNo	Details	Link	Shs	Wt
Unstrat			+	GREY	BWM?	-	-	-	-	SHLDR?>GROOVE;ABR	-	1	21
Unstrat			+	SHEL	J?	-	-	-	-	BS ?WM;THINNISH;LTBN-GRY	-	1	3
Unstrat			+	ZDATE	-	-	-	-	-	3-4C	-	-	-
Unstrat			980/1140	GREY	-	-	-	-	-	BS VABR	-	1	5
Unstrat			980/1140	ZDATE	-	-	-	-	-	ROM	-	-	-
Unstrat			980/1140	ZZZ	-	-	-	-	-	VABR	-	-	-

Appendix X

Medieval and post-medieval pottery Table A6

Table A6. Medieval and post-medieval pottery

Context	Strip	Type	Number	Weight	ENV	Vessel part	Vessel form	Date range	Notes
001	4	Redware	1	23	1	Rim	Open vessel	C16th - C17th	
001	4	Redware	1	5	1	BS	Open vessel	C16th - C17th	
001	4	Whiteware	1	7	1	BS	U/ID	C19th	
001	6	Brick fragment	1	5	1	Fragment	U/ID	Unidentified	Soft red brick
001	6	Midlands Purple type	1	23	1	BS	U/ID	C15th - C16th	Very hard, dense fabric with white non-crystalline grit; hard purple glaze internally
001		Fine Redware	1	1	1	Base	Open vessel	Unidentified	Very fine thin walled vessel with a ring foot
001		Redware	5	30	5	BS	U/ID	LC16th - C17th	Body sherds, possibly from open vessels
001		Redware	1	12	1	Pierced lug	Costrel	LC16th - C17th	Pierced lug and neck
001		Redware	2	17	2	BS	Open vessels	LC16th - C17th	Open vessels, glazed internally
001		Redware	1	7	1	Figurine	Relief decorated	C18th - EC19th	Blue and white refined earthenware, modelled relief decoration - arm of figure
001		Redware type	1	3	1	BS	U/ID	C16th - C17th	Soft laminated fabric, flaked and abraded
001		Redware type	1	2	1	BS	U/ID	C16th - C17th	Hard, fine buff fabric, glazed internally and externally
001		Yellow ware	1	1	1	BS	U/ID	C16th	Blackware fabric with yellow decoration externally
003		Reduced Sandy ware	1	124	1	Handle	Jug	C13th - C15th	Thick rod handle with deep parallel grooves and partial green glaze; dark grey fabric with moderate to abundant rounded quartz grains
003		Reduced Sandy ware	1	25	1	BS	U/ID	C13th - C15th	Light grey fabric, densely tempered with very fine quartz grit
U/S		Slipware	2	7	2	Rim/BS	Open vessel	C17th - EC18th	Flatware slip decorated vessel with 'pie-crust' edge and lines of brown slip
U/S		Blackware type	1	2	1	BS	U/ID	C17th	
		Total	**23**	**294**	**23**				

Appendix XI

Metalwork catalogue

Building fastenings and fittings

Nail. Iron. Incomplete, lower portion of tapering rectangular-sectioned shank, both ends broken. Present L. 33.1mm. LPR; Subsoil. SF16

Nail. Iron. Incomplete, head damaged, shank of rectangular section, tip clenched and rolled into tight spiral. Present L. 56.4mm. LPR; Topsoil; Context 001

Nail. Iron. Incomplete, portion of tapering rectangular-sectioned shank. Present L. 30.4mm. LPR; Topsoil; Context 001; SF22

Nail. Iron. Incomplete, both ends broken, rectangular-sectioned shank. Present L. 54.9mm.LPR; Structure 2; Context 014; SF6

Nail. Iron. Incomplete, tapering rectangular-sectioned shank, both ends broken. Present L. 34mm. LPR; Structure 2 context 014; SF7

Nail. Iron. Incomplete, lower portion of tapering rectangular-sectioned shank, both ends broken. Present L. 31.2mm. LPR; Structure 2; Context 014; SF8

Nail. Iron. Incomplete, rectangular-sectioned shank, or perhaps one arm of staple?, tapering to tip which is damaged. Bent at 45 degrees on upper half. present L (straightened). 61mm. LQL; Structure 2; Context 1229; SF105

Nail. Iron. Incomplete, tapering square-sectioned shank, lower portion bent at 90 degrees, head missing. Present L. (straightened) c. 60mm. LQL; Structure 2; Context 1238; SF113

Nail. Iron. Incomplete, lower portion of tapering square-sectioned shank, both ends broken. Present L. 44mm. LQL; Structure 2 Fill of stoke hole 1314; Context 1286 SF 110

Nail. Iron. Incomplete, short, rectangular-sectioned shank, tip broken. Widening as it approaches head, head missing. Present L. 37mm. LQL; Structure 2; Context 1313

Nail. Iron. Flat square-headed nail, Manning Type 1B. Incomplete, flat square head with portion tapering rectangular-sectioned shank, tip missing and head damaged. Present L. 40.4mm; head 14mm by 14mm. LPR; Subsoil; SF 17

Nail. Iron. Flat square-headed nail, Manning Type 1B. Incomplete, flat square head with short section of rectangular-sectioned shank. Present L. 18.4mm; head 17.4mm by 17.2mm. LPR; Subsoil; SF11

Nail. Iron. Flat rounded head, Manning Type 1B. Incomplete, flat rounded head and tapering rectangular-sectioned shank approaching wedge shaped tip. Present L. 57.1mm. LRP; Topsoil Context 001; SF 20

Nail. Iron. Flat sub-rectangular head, Manning Type 1B. Head damaged on edges, tapering rectangular-sectioned shank, approaching wedge-shaped tip, tip damaged. Shank is bent over. Present L. (straightened) 59mm.LPR; Topsoil; Context 001; SF 23

Nail. Iron. Flat narrow rectangular head, Manning Type 1B. Incomplete, flat narrow rectangular head with short section of rectangular-sectioned shank. Present L. 19.6mm; head 16.6mm by 10mm. LPR; Topsoil; Context 001; SF 12

Nail. Iron. Flat rectangular head, Manning Type 1B. Incomplete, head flat, although damaged appears to be rectangular, with tapering rectangular-sectioned shank. Present L. 35.8mm.LPR; Topsoil; Context 001.

Nail. Iron. Flat square headed, Manning Type 1B. Incomplete, damaged flat head of squared shaped, short portion of rectangular-sectioned shank. Present L. 26.7mm. LQL; Structure 1 demolition; Context 1180; SF104

Nail. Iron. Flat rectangular head, Manning Type 1B. Incomplete (tip damaged), flat rectangular head, tapering rectangular-sectioned shank, end clenched over, tip missing. Present L. (straightened) 70mm. LQL; Structure 2 fill of stoke hole 1314; Context 1286; SF119

Nail. Iron. Flat rectangular head, Manning Type 1B. Tapering rectangular-sectioned shank. Lower portion of shank clenched over, tip missing. Present L. 65mm (straightened). LQL; Structure 2; Fill of stoke hole 1314; Context 1286; SF111

Nail. Iron. Flat sub-rectangular head, Manning Type 1B. Complete in two joining pieces, flat sub-rectangular head, tapering rectangular-sectioned shank ending in wedge-shaped tip. Shank bent. L. c. 75mm (straightened). LQL; Structure 2 fill of stoke hole 1314; Context 1286; SF108

Nail. Iron. Flat-headed, Manning Type 1B. Incomplete. Flat head damaged but surviving outline rounded, tapering rectangular-sectioned shank, tip broken. Present L. 44.5mm. LQL, Quarry pit 1439 Context 1440

Nail. Iron. Flat narrow rectangular head, Manning Type IB. Incomplete, shank of rectangular section tapering towards missing tip. Present L. 34.8mm. LQL; Structure 2; Context 1238; SF106

Nail. Iron. Triangular head, Manning Type 2. Incomplete, damaged triangular head same thickness as shank. Shank rectangular sectioned, tapering to ?wedge-shaped tip, tip damaged and split. Present L. 75.8mm.LPR; Topsoil; Context 001; SF24

Nail. Iron. T-shaped head, Manning Type 3. Incomplete, head T-shaped, no wider than shank, shank of tapering rectangular section, lower portion missing. Present L. 48.7mm. LQL; Structure 2 fill of stoke hole 1314; Context 1286; SF120

Nail. Iron. T-shaped head, Manning Type 3. Incomplete, head T-shaped, no wider than shank, stout arms. Shank of tapering rectangular section, lower shank and tip broken off. Present L. 69.55mm. LQL; Structure 2; Context 1312; SF114

Crafts and industry

Ingot. Lead. Truncated cone with splayed base with rectangular slot (25.6mm by 4.4mm) through thickness. Basal surface has numerous cut marks.Ht. 34mm; w. 58.7mm; l. 63.5mm; wt. 488 gm. LPR; Structure 2 demolition fill; Context 014; SF2

Ingot. Lead. Sub-rectangular piece of lead of roughly plano-convex section, roughly cast. A rectangular slot (24mm by 6.6m) is situated approximately in the centre of the ingot. Both the reverse and obverse surfaces have numerous cut marks. L. 60.9mm; w. 59mm; grt. Th 11.3mm; wt. 175 gm. LPR; Structure 2 demolition fill; Context 14; SF3

Offcut. Lead. Triangular sheet, folded, and displaying cut marks. Present L. (folded) 22.2mm; w. 21.9mm; wt.8.1gm. LPR; Subsoil; SF13

Offcut. Lead. Pentagonal fragment of sheet, folded, and displaying cut marks. L. (folded) 27.7mm; w. 20.5mm; wt. 13.9 gm. LPR; Pit/ephemeral feature 1451; Context 1416; SF18

Saw. Iron. Hand saw with narrow tapering blade with backward sloping teeth, 4 teeth per centimeter. Both ends broken. L. 195mm; w. (blade) 22mm tapering to 10.5mm. LQL; Structure 2 demolition; Context 014; SF5

Saw. Iron. Incomplete, narrow blade in three joining pieces, both ends broken, but one end retaining a rivet hole and remains of rivet in situ. Blade widens slightly at riveted end. Teeth very worn. Present L. 120mm; w. 16.7mm thinning to 14mm. LQL; Structure 2 fill of stoke hole 1314; Context 1286; SF112

Waste. Lead. Spill or splash, small 'teardrop' outline. L. 14mm; w. 9.4mm; th. 1.6mm; wt. 1.2 gm. LRP; Topsoil; Context 001; SF21

Waste. Lead. Spill, sub-triangular piece of lead waste/spill. L. 21mm; w. 17.6mm; wt. 8.8 gm. LPR; Topsoil; Context 001; SF19

Waste. Lead. Spill, three amorphous pieces of lead waste/spills. Wt. 132gm. LPR; Structure 2 demolition; Context 014; SF4

Waste. Lead. Spill, amorphous shape. Wt. 8.5gm. LPR; Structure 2 demolition; Context 14; SF10

Written communication

Stylus?. Iron. Manning Type 2 with distinct point and flat expanded eraser. Incomplete, damaged point, separated from stem by thickening, stem rectangular in section, flattened to form eraser. Bent. Present L. 97mm (straightened). LQL; Structure 2; fill of stoke hole 1314; Context 1286; SF109

Personal dress and adornment

Hobnail. Iron. Manning Type 10 with, pyramidal head with short rectangular sectioned shank. L. 19.2mm. LQL; Structure 1; Context 1228; SF107

Strap fitting. Copper alloy. Strap loop. Ovoid strap loop with integral external rivet, with rounded knop on apex of frame. L. 19.8mm; external w. 11.8mm; internal w. 8.4mm. LPR; Subsoil; SF14

Objects of uncertain or unidentified function

Fragment. Iron. Riveted strip, incomplete. One edge and one end original, opposing end and side broken. Two rivet holes near broken edge. Possibly reinforcing strip or portion of hinge? Present L. 78.6mm; present w. 33.3mm; variable thickness 5.6mm to 3.4mm. LPR; Topsoil; Context 001

Fragment. Iron. Narrow strip, incomplete. Narrow, tapering strip with slight curvature, widens as strip thins. Present L. (straightened) c. 115mm; w. 8.7mm tapering to 5.9mm; th. 3.6mm to 4mm. LPR; Topsoil; Context 001

Fragment. Iron. Rectangular fragment, incomplete. L. 27.8mm; w. 25.7mm; th.4mm. LQL; Quarry pit 1220; Context 1224

Fragment. Iron. Narrow strip, incomplete. Narrow, slightly tapering strip, in two joining pieces, one surviving end bent and partially removed. L. 65mm; w. 8.8mm; th. 3mm. LQL; Ditch 1379; Context 1380

Appendix XII

Industrial residues catalogue

Context	Type	Count	Weight	Craft	Comments
001	Slag	1	21g	Fesmith	Coal fuel; glassy; probable HB fragment
001	Coal	2	3g		Partially burnt
015	Slag	1	1g	Fesmith	Smithing fragment
1228	Ironstone	2	40g		Discard
1420	Slag	1	2g	Fewking	Probable smithing slag, could be smelting

Codes used in the catalogue above:

Fesmith	Evidence of Iron Smithing
Fewking	Evidence of either iron smelting or smithing
HB	Plano-convex slag accumulation, commonly known as hearth bottomFlint Table

Appendix XIII

Ceramic building material catalogue

The catalogue has been compiled from the examined ceramic building material assemblage. A Munsell colour code has been incorporated where appropriate to help define the fabrics.

One non-diagnostic fragment of *tegula.* 15mm thick and oxidised throughout with residual sanding. Hard light red (2.5YR/6/8) sandy fabric with frequent red (10R/5/8) inclusions < 5mm and lenses of unfired clay. LPR; U/S

Two non-diagnostic fragments of ceramic building material. Hard light red (2.5YR/6/8) fabric with no visible inclusions. LPR; U/S

One fragment non-diagnostic ceramic building material. Hard reddish brown (2.5YR/5/4) fabric with frequent quartz and mica inclusions <5mm. reduced core. LPR; U/S

One fragment of possible *tegula?* flange. Hard light red (10YR/6/8) fabric with no visible inclusions. Possible knife trimmed with evidence of carbon deposits over broken edge. LPR; U/S

Total Weight of five fragments 75g.

One fragment non-diagnostic ceramic building material. Well abraded surfaces. Hard reddish yellow (5YR/7/6) sandy fabric with frequent red (10R/5/8) inclusions < 1mm and occasional pinkish white (5YR/8/2) inclusions <4mm. Wt. 40g. LPR; Topsoil; 001

One fragment non-diagnostic ceramic building material. Hard red (10YR/5/8) fabric with no visible inclusions. Oxidised throughout. LPR; Topsoil; 001 (Strip 4)

Two fragments of non-diagnostic ceramic building material. Hard light red (2.5YR/6/6) fabric with no visible inclusions. Oxidised throughout.

Total weight of three fragments 20g.

One fragment non-diagnostic ceramic building material. Hard light red (2.5YR/6/6) fabric with no visible inclusions. Oxidised throughout. Wt. 15g. LPR; Subsoil; 015

One diagnostic fragment of *tegula* 22mm thick. Hard light red (2.5YR/6/8) sandy fabric with micaceous inclusions <1mm and a reduced core. remnants of mortar on the base. Upper surface bears the partial imprint of a deer? Wt. 350g; Quarry pit 021; 022

Six fragments of underfired *tegula.* Soft reddish yellow (5YR/6/6) fabric with frequent iron pellet inclusions <10mm and a reduced core. Two fragments join to create part of the flange. Wt. 480g. LQL; Pit 1075; 1076

One non-diagnostic fragment of *tegula* 20mm thick with a reduced core. Hard reddish yellow (5YR/6/6) fabric with no visible inclusions. Residual sanding on the underside and a pinkish white (7.5YR/8/2) mortar adhesions on the upper surface and broken edge. Weight 300g. LQL; Structure 1; Deposit 1180

One fragment non-diagnostic ceramic building material. Hard red (10YR/4/8) sandy fabric with a vascular appearance. Wt. 20g. LQL; Quarry pit 1220; 1222

Two fragments of *mortar/plaster*? Pink (7.5YR/8/4) fabric. Weight <10g. LQL; Structure 1; Deposit 1230

One fragment of non-diagnostic *bessalis/pedalis ?*45mm thick with reduced core. Hard red (2.5YR/5/8) fabric with occasional micaceous inclusions to 2mm and voids to 10mm. A pinkish white (5YR/8/2) mortar adheres to the upper surface and broken edge. Wt. 225g. LQL; Ditch 1379; 1380

Appendix XIV

Flint Table A7

Table A7. Summary of flint assemblage

Context	PF	SF	TF	BF	Tool	Core	WL	Other	Total
001		1	1	1			2		5
003			1	1			2		4
007				2		1			3
015				1					1
024				1			1		2
050(E)				1					1
051(E)								1	1
1013					1				1
1018				1					1
1091			1						1
1179				1					1
1180									1
1222				1					1
1224		1		2					3
1228	1	2	2	2					7
1234				1					1
1242(E)		1							1
1270(E)								2	2
1276(E)								1	1
1278			2		1				3
1418(E)				1					1
1440				1					1
⊕			2	3					5
Total	**1**	**4**	**9**	**20**	**2**	**1**	**5**	**4**	**48**

Key:

PF = Primary Flakes
SF = Secondary Flakes
TF = Tertiary Flakes
BF= Broken Flakes
(E) = Recovered from Environmental sample
Tool = Tools and Tool Debris
Core = Cores and Core Debris
WL = Worked Lumps
⊕ = Unstratified

Appendix XV

Animal bone Tables A8-A11

Table A8. Summary of the animal bone fragments by phase

	Phase 1	Phase 3	Phase 4	Unphased	Unstratified
Cattle	2	198	16		2
Sheep/goat	1	(5) 69	5	11	
Pig	10	3			
Horse		34	1	1	1
Dog		197			
Deer spp.		1			
Crow/rook		1			
?Buzzard		4			
Bird spp.		6	1		
Wood mouse		3			
Water vole		1			
Field vole		5			
Microfauna	1	34		1	
Amphibian spp.		48			
'Cattle-sized'		545	22		5
'Sheep-sized'	5	158	1	15	6
'Pig-sized'		3			
Unidentified	48	234	1	7	
Total	**67**	**1544**	**47**	**35**	**14**

Figures in brackets refer to the number of sheep/goat identified as sheep

Table A9. Percentage of species groups by phase

	1	3	4
Cattle*	3	43	79
Sheep/goat*	9	7	13
Pig*	15	<1	
Horse*		7	4
Dog*		20	
Deer spp.		<1	
?Buzzard		<1	
Bird spp.		<1	2
Wood mouse		<1	
Water vole		<1	
Field vole		<1	
Microfauna	1	2	
Amphibian spp.		3	
Unidentified	72	15	2

* cattle-sized fragments divided proportionally between cattle and horse, pig-sized fragments assigned to pig and sheep-sized fragments divided proportionally between sheep/goat and dog

Table A10. Fusion data for Late Roman cattle

	Fused	Not fused	% fused
S, DH, PR, PH1, PH2	18	4	82
DMC, DT, DMT	6	5	55
PH, U, DR, PF, DF, PT, C	4	7	36

Key:

S = scapula

PH = proximal humerus

DH = distal humerus

PR = proximal radius

DR = distal radius

U = ulna

DMC = distal metacarpal

PF = proximal femur

PT = proximal tibia

DF = distal femur

DT = distal tibia

C = calcaneus

DMT = distal metatarsal

PH1 = first phalanx

PH2 = second phalanx

Table A11. Summary of animal bone

Context	Phase	Cattle	Sheep	Sheep/ goat	Pig	Horse	Dog	Deer spp.	Crow/ rook	?Buzzard	Bird spp.	Wood mouse	Water vole	Field vole	Micro-fauna	Amphibian spp.	Cattle-sized	Sheep-sized	Pig-sized	Unidentified
U/S	U/S	1															1	1		
001	U/S																	3		
007	U/S	1				1											4	2		
009	1	2																		10
011	3			2													1			
022	3																			1
048	3	3					1										10	1		
050	3	6		3	1		1										11			1
051	3															1				3
060	3										3									10
1018	U/P																	1		
1039	U/P																			1
1040	U/P																			2
1042	U/P																			1
1044	U/P																			1
1046	U/P			1																
1056	U/P																			1
1100	U/P																			1
1110	U/P														1					
1120	U/P			10														14		
1179	3														1			1		

Table A11. Summary of animal bone cont.

Context	Phase	Cattle	Sheep	Sheep/ goat	Pig	Horse	Dog	Deer spp.	Crow/ rook	?Buzzard	Bird spp.	Wood mouse	Water vole	Field vole	Micro-fauna	Amphibian spp.	Cattle-sized	Sheep-sized	Pig-sized	Unidentified
1180	3	4		3	1	1	16				1						42	55		5
1221	3	8		3		3	15										23			25
1222	3	75	1	22		14	1										191	16		
1224	4	16		5		1					1						22	1		1
1225	3			1			11					1			3		1			16
1228	3	13	1	9		4	12										47	16		40
1230	3	1		1			1										3			
1232	3	18	1	3		1	4										56	3		
1234	3	10	2			1										1	15	1		1
1238	3	1						1												
1239	3	6		6													2	23		
1242	3	1		1										2	17	6				22
1248	3														6					73
1257	1																	2		
1261	1			1																
1264	3																3	1		
1270	1																			1
1276	1														1					2
1278	1				10													3		35
1286	3					1			1			1		3	7	35		4		11
1287	3					1										2	6	1		
1312	3						123			4	2					2	1	25		

Table A11. Summary of animal bone cont.

Context	Phase	Cattle	Sheep	Sheep/ goat	Pig	Horse	Dog	Deer spp.	Crow/ rook	?Buzzard	Bird spp.	Wood mouse	Water vole	Field vole	Micro-fauna	Amphibian spp.	Cattle-sized	Sheep-sized	Pig-sized	Unidentified
1313	3	1		2															1	
1347	U/Pit					1														
1372	3	2																		
1380	3			2								1	1			1	1			21
1416	3	1															1			
1420	3																			1
1440	3	48		6	1	8	12										131	10	2	4

Key:

Phase 1 = Neolithic, Phase 3 = late Roman, Phase 4= medieval/post-medieval, U/P = unphased, U/S = unstratified

Appendix XVI

Archaeobotanical Tables A12-A15

Table A12. Contexts by period from which samples have been quantified

Context	Description	Structure	Phase
1013	Fill of pit 1012		unphased
1040	Fill of posthole 1037	Structure 3	unphased
1042	Fill of posthole 1041	Structure 3	unphased
1044	Fill of posthole 1043	Structure 3	unphased
1048	Fill of posthole 1047	Structure 3	unphased
1056	Fill of posthole 1053	Structure 3	unphased
1058	Fill of posthole 1057	Group 2	unphased
1072	Fill of pit 1071		3
1102	Fill of posthole 1101	Group 2	unphased
1138	Fill of pit 1135		unphased
1140	Fill of pit 1135		unphased
1155	Fill of pit 1154		unphased
1179	Fill of pit 1178		3
1221	Fill of quarry pit 1220		3
1222	Fill of quarry pit 1220		3
1225	Fill of quarry pit 1220		3
1242	Fill of structure 1	Structure 1	3
1248	Fill of pit 1246		3
1286	Fill of structure/stokehole	Structure 2	3
1380	Fill of ditch 1379		3

Table A13. Identified plant remains by context (* = modern)

		Context	1013/116	1040/113	1042/114	1044/115	1048/119	1056/123	1058/124	1072/130	1102/141	1138/154
		Volume processed	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Botanical name	**Common name**	**Retent volume**	0.3	1.6	2.4	1.2	2.0	1.7	2.4	0.2	1.6	2.0
Triticum spelta L. (total)	spelt wheat			180				188				
Triticum spelta L. – germinated	spelt wheat			19				24				
cf Triticum spelta	spelt wheat			16								
Triticum dicoccum (Schrank.)	emmer wheat											
cf Triticum dicoccum	emmer wheat			2								
Triticum spp.	wheat			14	4			15				
Triticum frags	wheat											1
Hordeum vulgare L.	six row barley											
Hordeum vulgare frags	six row barley											
Secale cereale L.	rye											
indet grains	cereal			13		5					2	
indet frags	cereal		6	10	9	13	1	1	1			5
glume Triticum spelta	spelt wheat							2				
glume indet	cereal							4				
Glumes	cereal			5				35				
Stellaria spp.	chickweed/stitchwort											
Bromus sp.	bromegrass											
Carex spp.	Sedge		48	1						14	1	
Ranunculus spp.	Buttercup								6			
Chenopodium spp.	Fat hen/goosefoot											
Plantago lanceolata L.	plantain			1								
Malva sylvestris L.	mallow											
Polygonum convolvulus L.	black bindweed											
Rumex spp.	Dock											
Galium aparine L.	goosegrass								3			
Daucus sp.	Wild carrot											
Urtica spp.	Nettle					1*	1					
indet weed					3				3	5	5	

Table A13. Identified plant remains by context (* = modern) cont.

		Context	1140/157	1155/163	1179/174	1221/194	1222/192	1225/193	1242/222	1242/223	1242/224	1242/225
		Volume processed	5.0	5.0	5.0	5.0	5.0	2.0	5.0	5.0		5.0
Botanical name	**Common name**	**Retent volume**	0.2	2.6	2.0	4.0	?	0.6	1.0	0.5		2.0
Triticum spelta L. (total)	spelt wheat					10	169	346	212	124	10	226
Triticum spelta L. – germinated	spelt wheat						15	78	70	38		15
cf Triticum spelta	spelt wheat						38	42	64	16		27
Triticum dicoccum (Schrank.)	emmer wheat									17		15
cf Triticum dicoccum	emmer wheat						3		12	3		2
Triticum spp.	wheat					1	29	17	11	33		2
Triticum frags	wheat					3	16	21		13		17
Hordeum vulgare L.	six row barley							10	1	3		
Hordeum vulgare frags	six row barley								2	2		
Secale cereale L.	rye											1
indet grains	cereal							27	16	23		
indet frags	cereal							34	11	14		1
glume Triticum spelta	spelt wheat						1	3	6	13		3
glume indet	cereal						2	8	7			12
Glumes	cereal						9	9	21	6	3	4
Stellaria spp.	chickweed/stitchwort											
Bromus sp.	bromegrass								1			1
Carex spp.	sedge		1		2			4	3			
Ranunculus spp.	buttercup				1		3	2				
Chenopodium spp.	fat hen/goosefoot											
Plantago lanceolata L.	plantain											
Malva sylvestris L.	mallow								1			
Polygonum convolvulus L.	black bindweed				2		1	6				
Rumex spp.	dock		10	1			2					
Galium aparine L.	goosegrass											
Daucus sp.	wild carrot											
Urtica spp.	nettle											
indet weed				3							1	

Table A13. Identified plant remains by context (* = modern) cont.

		Context	1248/216	1248/217	1248/218	1286/226	1286/227	1286/228	1380/241
		Volume processed	2.0	1.0	2.0	5.0	5.0	5.0	10.0
Botanical name	**Common name**	**Retent volume**	?	?	?	2.0	2.0	1.4	1.5
Triticum spelta L. (total)	spelt wheat					217	204	17	
Triticum spelta L. – germinated	spelt wheat						2		
cf Triticum spelta	spelt wheat					10	4		
Triticum dicoccum (Schrank.)	emmer wheat					13			
cf Triticum dicoccum	emmer wheat					1			
Triticum spp.	wheat		2				3	4	
Triticum frags	wheat							1	
Hordeum vulgare L.	six row barley					1			
Hordeum vulgare frags	six row barley					1			
Secale cereale L.	rye								
indet grains	cereal					6	3	2	
indet frags	cereal		2		4		2		
glume Triticum spelta	spelt wheat								
glume indet	cereal								
Glumes	cereal					3			
Stellaria spp.	chickweed/stitchwort					1			
Bromus sp.	bromegrass					1	1		
Carex spp.	sedge						3		
Ranunculus spp.	buttercup								
Chenopodium spp.	fat hen/goosefoot						1		
Plantago lanceolata L.	plantain								
Malva sylvestris L.	mallow								
Polygonum convolvulus L.	black bindweed								
Rumex spp.	dock							2	
Galium aparine L.	goosegrass								1
Daucus sp.	wild carrot								
Urtica spp.	nettle								
indet weed				4					2

Table A14. Unquantified organic material: presence of molluscs, weed seeds and wood charcoal

	001700/1	0027/002	0053/006	0060/004	0116/145	1018/100	1026/108	1028/108	1030/109	1032/110	1039/105	1050/120
molluscs	x	x	x	x	x	x	x	x		x	x	x
Indet charred	x			x			x				x	x
bedstraw												
Ranunculus spp.									x			
Wood charcoal												
Galium sp.									x			
bindweed												

	1052/121	1054/122	1080/154	1084/136	1086/137	1090/139	1092/135	1139/156	1141/158	1224/224	1227/188	1257/189
molluscs	x		x	x	x	x	x	x	x	x	x	x
Indet charred		x	x		x			x	x	x	x	
bedstraw												
Ranunculus spp.						x						
Wood charcoal												x
Galium sp.												
bindweed												

	1259/190	1261/191	1270/195	1274/197	1276/198	1278/199	1288/203	1329/202	1403/245	1418/251	1420/252	1440/210
molluscs	x	x	x	x	x	x	x	x		x	x	x
Indet charred	x	x	x			x	x	x				x
Bedstraw									x			
Ranunculus spp.												
Wood charcoal												
Galium sp.												
Bindweed												

Table A15. An estimate of the quantity of wood charcoal by context

Context	Count	Context	Count	Context	Count
060/004	3	1082/135	1	1257/189	1
1013/116	1	1100/140	1	1259/190	1
1026/107	1	1102/141	1	1261/191	1
1028/108	1	1110/144	1	1270/195	1
1030/109	1	1116/145	1	1274/197	1
1039/105	2	1138/154	1	1276/198	1
1040/113	1	1140/157	1	1278/199	1
1042/114	2	1141/158	1	1286/226	3
1044/115	1	1155/163	1	1286/227	3
1048/119	1	1179/174	1	1286/228	2
1050/120	1	1225/193	2	1288/203	1
1052/121	1	1227/188	1	1329/202	1
1054/122	2	1242/222	2	1380/241	1
1056/123	2	1242/223	1	1380/261	1
1058/124	1	1242/224	1	1418/251	1
1072/130	1	1242/225	2	1420/252	1
1080/134	1	1248/218	1	1440/210	1

Counts 1=<5
2= <10
3=>10