

**LOWER COOMBE STREET, EXETER  
REPORT OF EXCAVATIONS, 1989-90**

**by**

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## PREFACE

This report comprises two parts. The first is a general summary and synthesis of the archaeological remains found during the Lower Coombe Street 1990 excavations. The second contains the detailed archaeological evidence for the stratigraphic development of the site on which the account in Part 1 is based. The excavation records are presented in a processed form using matrices and stratigraphic groups with standardised descriptions of individual contexts.

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## PART 1: GENERAL SUMMARY

### 1. INTRODUCTION

Between July 1989 and March 1990, Exeter Museums Archaeological Field Unit undertook a series of excavations on the site of Lower Coombe Street car park, Exeter, in advance of the development of the site as a multi-storey car park. The excavations were funded by Exeter City Council and directed by C.G. Henderson and supervised by M. Watts, M. Hall, P. Stead and R. Mortimer.

The archaeological excavations uncovered the important remains of a large Roman military compound or depot which was established at the same time as the fortress, c. 55-60. The interior of the compound, situated on the south side of the coombe, was extensively disturbed by post-medieval cellars and clay pits at the north-east end of the site and by shallower terracing elsewhere. However, Roman military and civilian deposits survived in a strip immediately behind the city wall which had been protected by the late second-century rampart.

At the end of the military period c. 75 or soon afterwards, the site was abandoned for a short time. Subsequent Roman activity was mainly associated with the extension of the defences of Exeter during the second century. Apart from the construction of two main phases of rampart and the city wall, there was also evidence for limited settlement and some cultivation on the site.

Between the Roman and medieval periods the site was again abandoned and the area became peripheral to the main settlement zone in the town. Medieval remains consisted of a sequence of plough and garden soils, together with pits and various other indeterminate features. From the 17th century onwards the (medieval) Coombe Street tenements gradually encroached upon the site, resulting in the truncation of earlier deposits. The major remains from the post-medieval period were a brickworks and other industrial activities.

#### 1.1 Organisation of the report

This report comprises two parts. The first is a general summary and synthesis of the archaeological remains found during the Lower Coombe Street 1990 excavations. The second contains the detailed archaeological evidence for the stratigraphic development of the site on which the account in Part 1 is based. The excavation records are presented in a processed form using matrices and stratigraphic groups with standardised descriptions of individual contexts.

#### 1.2 The site (Fig. 1)

The excavated area, a site of approximately four acres, occupied part of a broad spur overlooking Exeter Quay and separating the Coombe and Larkbeare valleys (SX92029222). It lies just inside the city wall in the area bounded by Western Way, Lower Coombe Street and Quay Hill. The ground here falls away steeply from the city wall towards Lower Coombe Street, which runs along the Coombe valley (from 23m to 17m OD); there is also a steep slope down to the Exe (from 26m to 15m OD).

The geology in this area consists of sandstone bedrock capped by more than 1.5m of post-glacial alluvium which is overlain by the archaeological deposits.

#### 1.3 Method of excavation (Fig. 2)

Preliminary trial trenches excavated around the eastern and southern perimeter of the site indicated a considerable depth of stratigraphy. Large-scale area excavation was subsequently undertaken. At this stage extensive amounts of overburden were removed by machine. The site was divided into three convenient areas:

Area 1	Roman military buildings to the north
Area 2	Palisade and predominantly post-military features south of Area 1
Area 3	Coombe valley (western extension of Area 1)



## 2. THE EXCAVATION

### 2.1 Early Roman military (Figs 3; 6)

The earliest features, predating all buildings, were the three ditches 1, 2 and 3 which are likely to have been dug for drainage purposes at an early stage in the military occupation. Ditch 1 followed the lowest level in the bottom of the combe and probably represents a Roman regularization of a natural stream (the Coombe stream) which was fed by springs in the vicinity of the Cathedral. Ditch 2 was a man-made watercourse running parallel with ditch 1, the two merging near the south-west limit of the site. Both these features remained open throughout the military period and were eventually filled in around 100, when large quantities of pottery were deposited in them.

The function of ditch 3 is unclear. Although not a watercourse, it shared the same alignment as ditches 1 and 2 and may represent some form of boundary (see below). Its northern butt end was found and the ditch profile was that of an open U with an integral drainage slot. A series of post-holes were located immediately to the east of this ditch.

The construction of the first military building (Building 1; Fig. 6.3) followed the excavation of the ditches. It was represented by a series of post-trenches and post-holes within a large terraced area which determined its orientation. The eastern limit of the terrace respected the line of ditch 3, further suggesting the function of this ditch as a boundary. Subsequent activity had removed at least part of the building and its full layout was incomplete. However, it appeared to be facing west, with a width of approximately 4.2m, and may well have been an open-fronted shop or workshop. No post-pipes were found within the post-trenches.

A surface which remained in use throughout the military period ran from the northern limit of the terrace to the southern boundary of the compound. Varying in nature from laid and compacted metalling to trampled natural gravels, it was found to be most heavily disturbed to the west due to later activity. This surface could not be traced beneath the upcast of ditch 4, thus suggesting an early date. South of ditch 4 the metalling was of sufficient width and quality to suggest an early road or track.

Building 1 was superseded by a gateway (Fig. 6.4) represented by a pair of large sub-rectangular post-pits 0.90m wide and 0.90m deep, set approximately 2.40m apart, together with a pair of associated post-trenches, 0.45m wide and 0.45m deep. Either side of the gateway would have stood a partition or screening wall, possibly separating off an inner compound. The eastern post-trench was 2.20m long and respected the back of the terrace. The full extent of the western post-trench, however, had been lost by the later construction of cellars, and was only traceable for 3.30m.

Subsequent activity in this area comprised the removal of the gateway and the partial infilling of the back of the terrace, due largely to slumping. The major part of the terrace remained open, however, with mortar and large Beer stone fragments indicating its subsequent use as a mortar-mixing area (Fig. 6.5)

All activity within this phase appeared to be contained by a gully running south and curving steadily eastwards, representing an early limit or demarcation of the extent of the military establishment.

### 2.2 Late Roman military (Figs 3; 6)

#### *Defences*

The compound was extended and consolidated by the construction of a ditch, bank and palisade which replaced the boundary gully (Fig. 6.6). The ditch (ditch 5) was observed for 13.5m and followed the same general direction as the gully that it superseded. It was V-shaped in profile, 2.7m wide with a depth of 1.75m. It functioned together with a bank, approximately 3m wide, on its south-east side. A drainage slot near the southern butt end would have emptied into the Coombe stream (ditch 1) via the canalised channel (ditch 2). The defences continued in the form of a palisade trench, which was seen for a total length of approximately 15m.

The base of the bank was terraced into the slope, and in places layers of turf were noted. The southern end of the bank was not preserved but it is thought to have terminated at the same point as the ditch. There was clear evidence to show that no bank existed along the south-west side of the enclosure overlooking the river. Instead, this side appears to have been bounded initially by a drainage gully up to 0.6m deep which continued the line of the curving inner edge of ditch 5. Subsequently this side of the enclosure was made secure by the addition of a timber palisade on a line a little further out than the drainage gully. A slightly curving palisade- or post-trench 1.4m deep and 5.5m long marked the corner of the compound. This was joined by a narrower palisade-trench up to 1.1m deep of which a 9m length was excavated. The change from ditch to palisade most probably reflected the changing gradient at this point, from the gentle slope of the Coombe valley to the sharp drop into the valley further east where a ditch and bank would not have been practicable.

It seems probable that the drainage gully originally bounded the compound on both sides, later being replaced altogether on the north-west by the rampart and ditch and superseded by the palisade on the south-west. This implies the piecemeal enclosure of a military activity area to create a walled compound rather than a defensive circuit of the kind that would have been provided for a fort. The case for the non-defensive nature of the enclosure is supported by a number of observations. The bank is relatively narrow, in places less than 3m wide, and is separated from the ditch by a berm no more than 0.3m in width. There was no sign of a basal timber corduroy or a front timber revetment, so that a sloping turf revetment must have existed at both front and rear, making it unlikely that there would have been sufficient width or support for a walkway on top. Furthermore, despite a careful search, no timber tower was found at the corner of the enclosure, and likewise no interval tower was located along the excavated length of the bank, although one would be expected within a corresponding length of a fort rampart.

#### *Later building and compound*

Within the defensive circuit a second building (Building 2) and possible compound area were constructed (Fig. 6.6). Built over a large deposit of dumped material which completely infilled the terrace, the building comprised three post-trenches. Orientated north-east/south-west it maintained the alignment of the original terrace cut. The northern end was found to have been open. Dimensions were 14.2m by 3.4m although the eastern post-trench continued to the south-west for a further 3m before running beyond the excavated area. The post-trenches were on average 0.40m deep.

Building 2 respected both the eastern post-pit of the earlier compound gateway and the line of its associated post-trench, suggesting that the gatepost was still standing and that the line of the gateway wall was deliberately maintained.

The amount of information recovered was insufficient to provide a clear plan of Building 2. No contemporary surfaces, either internal or external, could be identified, and an area 5-6m wide immediately east of the building proved devoid of further post-trenches. The function of this flat and presumably open area is unclear, although it may represent a second compound area. At the end of the period of military occupation the timbers from the northern part of the building were robbed-out.

#### *Dating evidence for the military occupation*

The lowest fill of ditch 2 provided the evidence for the early foundation of the military depot in the form of a Dr. 29 dated 50-65, two Claudian vessels, and coarsewares including a South-East Dorset BB1 type 3 bead-rim cooking-pot, sherds of Fortress ware B, and a sherd of Pompeian Red fabric 1. This small group may be one of the earliest so far recovered from Exeter.

Both ditches 1 and 2 remained open after 75 but were eventually filled in around 100 or 110 when substantial quantities of pottery were deposited in them as rubbish. This material is of the greatest interest since it fills a gap in the Roman pottery sequence for Exeter and its region. The pottery includes many fragments of mortaria and flagons from the Bartholomew Street kiln site discovered in 1974. Some of these vessels are wasters, and nearly all are unused, showing that they represent waste discarded from the pottery. It is now clear that the Bartholomew Street pottery industry, previously assumed to have been military in date, must have been operating early in the life of the Roman town at the end of the first century. Stamps on mortaria made by the pottery VITANUS were known from earlier finds; to these may

now be added a stamped vessel made by an individual named SEVERUS.

Sizeable groups of pottery were also recovered from the buildings, the palisade trench and ditch 5. The date range of this material is similar to that of the finds from the fortress; the demolition of the compound and the infilling of ditch 5 took place in the mid 70s at the same period as most of the buildings in the fortress were dismantled. A similar picture emerges from a study of the finds from the military buildings excavated in 1973-1989 within the fenced compound next to Magdalen Street on the north-east side of the Topsham road.

### 2.3 Early Roman town (Figs 4; 7)

Following the military period, the establishment was deserted for a considerable time with settlement probably confined to within the fortress. Bands of soil accumulated over much of the area (Fig. 3, simplified section a), frequently attaining a depth of 0.30-0.35m.

Subsequent activity consisted of a series of buildings, gullies and pits. These features were fragmentary and no finds were recovered, although they are assumed to be of second-century date

#### *Buildings*

It was only possible to excavate part of one post-trench of Building 3 (Fig. 7.8). This was seen for a total length of 3.25m and was orientated south-west/north-east. Parallel to it and to its immediate north-west lay a gully which was examined for the same distance. This may have functioned as an eaves-drip.

Building 4 (Fig. 7.8) was also represented by a single post-trench which was examined for a distance of 4.5m. Orientated north-west/south-east it ran parallel to and 3.75m south of a likely boundary feature (ditch 6). This ditch was seen for a total length of 14m and its north-west butt end was found.

Very little of Building 5 (Fig. 7.8) fell within the excavated area. One corner was however found thus establishing the building's northern limit.

The buildings, together with associated pits, represent a limited re-occupation of the area. At this time the Coombe valley began to fill with fine washed material. This colluvium, overlying the infill of ditch 1, finally attained a maximum depth of 1m (Fig. 4, simplified section a).

### 2.4 Late Roman town (Figs 5; 7)

Activity within this period was concerned with the extension of the defences of Exeter in the civil Roman period. These consisted of the two main phases of rampart and the city wall. There was also evidence of limited settlement and cultivation.

#### *Primary rampart*

Seen continuously across Areas 1 and 2 for a distance of 55m, the primary rampart survived for a maximum recorded height of 2m. Built predominantly with clean locally-derived material a clear constructional sequence could be identified.

In Area 1 a mixed clay band of material underlay a very clean degraded sandstone layer. Averaging 0.25-0.35m in depth, this sandstone was present throughout the entire length of the rampart, and must have originated from the immediate vicinity, where sandstone forms the upper stratum of the natural bedrock. This material in turn underlay clean layers of alluvium which is likely to have come from the lower slopes. In one section the undisturbed 'tail' of the rampart was seen, enabling the full extent of the back of the rampart to be estimated (Fig. 7.9).

#### *City wall and secondary rampart*

Later in the civil Roman period the present city wall was constructed and the rampart was remodelled and heightened. The city wall construction cut disturbed primary rampart material, and was found to have a varied profile, ranging from fairly gentle and flat-bottomed to almost vertical with the footings packed

against it. The footings themselves displayed the typical herringbone construction technique and where it was possible to examine them they were found to have a depth of 1.75m. A continuous length of 18.5m of footings was exposed.

The secondary rampart was essentially a reshaping and heightening of the primary and was consequently composed of more mixed material, mainly alluvial clays which must have come from a little further to the south-east within the Larkbeare valley. In the one section where it survived, the tail of the rampart was seen to have been extended by 2.75m, although some of this could be slumped material (Fig. 5, simplified section e). Following re-interpretation of the South Gate 1989 excavation results, it is assumed that the rampart possessed some form of wooden front revetment, possibly of wattletwork as at Silchester. The city wall was probably added to the front of the primary rampart in the early third century. A spread of volcanic trap rubble was found to overlie the lower slopes of the rampart extending into the Coombe valley. Too irregular and poorly laid to be a surface, this is most likely to be building debris from the construction of the city wall.

#### *Evidence of occupation*

A late Roman enclosure appeared to be represented by ditches 7 and 8 (Fig. 7.10). Together they almost form a right-angle and both terminate on the same line leaving a gap, albeit large, of 12.5m, to serve as a possible access. The alignment with the city wall is striking, the gap between ditch and city wall being some 16m. It is also significant that both ditches respect the tail of the secondary rampart. While the full profile of ditch 8 was recovered (steep-sided V, maximum depth 1.43m, width 1.25m), ditch 7 was found to be heavily truncated. It cannot with certainty be linked stratigraphically to this phase although its alignment and similar profile strongly suggests that it is contemporary.

Within this possible enclosure, overlying an accumulation of sandy hillwash 0.8m deep, lay a demolition layer containing a high proportion of wall plaster. This suggests that a timber house of some size must have existed somewhere nearby around the late second or early third century. There is however a notable lack of evidence for the presence of Roman buildings in this area in the later third and fourth centuries, despite the fact that it now lay within the circuit of the town defences. Instead an extensive development of colluvial deposits was found, up to 1m deep, spreading up the valley side as well as covering its floor. This suggests extensive intra-mural cultivation in the late Roman town.

Apart from a waterworn gully and a few truncated pits, a mortar mixing area provided the only other evidence of occupation at this time.

#### *Late Roman cultivation soil*

Sealing all occupation layers this soil development was found throughout Areas 2 and 3. Found mainly on the lower slopes of the rampart, it reached a maximum depth of 1.30m in the base of the Coombe valley, where it had also been subjected to major terracing.

### **2.5 Medieval and post-medieval (Figs 8; 9)**

#### *Medieval*

Between the Roman and medieval periods the site was unoccupied during which time the Coombe stream presumably re-established itself. Coombe Street is assumed to have been laid out next to the stream in the late ninth or tenth century. It originally ran from South Street down the valley to join the intra-mural lane that ran along the back of the city wall. No trace of the latter survived in the excavation area but it is well-attested on early maps as a strip of City Chamber land. Medieval remains from the site consisted only of a sequence of plough and garden soils together with various pits and indeterminate features only seen in section.

#### *Soils and pits*

The earliest surviving buried soils occurred throughout Areas 2 and 3 and were dated to the 10th-12th century. In the extreme south of Area 2 ridge-and-furrow was noted, while in the base of the Coombe valley the ploughsoil occupied a 0.60m deep terrace. Average depth varied between 0.40m and 0.60m.

Four pits from an earlier horizon were found, two of which appeared to be infilled with the same ploughsoil. The other two pits were on a similar broad alignment, suggesting perhaps that they all respected a possible tenement boundary.

A later, shallower ploughsoil, dating to the early 13th century, was again traced throughout Areas 2 and 3. It also occupied a terrace in the base of the Coombe valley. The average depth was 0.10m to 0.15m increasing to 0.50m within the terrace.

Overlying this ploughsoil was a much darker band of late 13th-century/early 14th-century garden soil. Maintaining a regular depth in Area 2 it became substantially deeper within the Coombe valley, attaining a maximum depth of 1m.

Although nearby buildings no doubt existed, no evidence of such was located apart from various pits. This was clearly a predominantly cultivated area and it is likely that successive terracing had destroyed any remains that might have existed.

#### *Post-medieval*

The post-medieval remains consisted of a brickworks, which saw at least two phases of activity, the brick base of an industrial feature and a series of pits and ditches. The latter were for the most part only seen in section, and so little can be said regarding their nature, extent and orientation.

#### *Brickworks*

Dating to the late 17th century, this is the first example of an intra-mural brickworks from Exeter, the natural alluvium in the valley being exploited for this purpose. The brickworks overlay a quarry pit of considerable depth. This pit was infilled with a substantial amount of waste material indicating earlier brickmaking activity in the immediate vicinity.

The primary or lower brick clamp kiln occupied a terrace 7.25m long. Its full plan could not be recovered as it fell partly outside the excavated area. However, it was observed in two sections, allowing an approximation to be made. A deposit of heavily burnt material with an abundant charcoal content represented the residue of the fuel used for the firing. Above this, a layer of burnt brick and clay was all that remained of the brick clamp itself.

The lower stack was sealed by approximately 0.08m to 0.90m of mixed waste material which was subsequently levelled and cut by the secondary or higher brick clamp terrace.

The upper stack, measuring 5.25m by 4.5m, maintained the same orientation as the lower stack. The same sequence was observed, with a heavily burnt fuel layer containing much charcoal underlying the stack of bricks. Survival of this stack was generally poor with the best-preserved area being the north-east corner. The bricks survived for no more than one or two courses, many of them consisting of virtually unfired clay. The extent of the stack could at times only be identified by the impressions left on the underlying fuel residue. The stack was aligned east-west, and was defined by a line of half-bricks which were laid on edge. Its centre had been entirely removed by the construction of a late 19th- or early 20th-century well.

#### *Other features*

Amongst the other post-medieval remains was the brick base of a small industrial feature. Found to be truncated by cellarage, this brick-built unit had dimensions of 1.30m east-west by 1.60m north-south. A central flue still contained the charcoal fuel. The position of this feature is interesting in that it respects a tenement boundary. It is known from documentary sources that this tenement once contained a cloth press.

A well, dating to the 18th or early 19th century, was found in the centre of Area 1. Oval in shape with dimensions of 1.55m east-west by 2.20m north-south it was brick-lined, the bricks being one course thick and laid flat.

The majority of the numerous post-medieval pits and post-holes were recorded in section only, thus restricting the interpretation that could be put on them. A late 17th- or early 18th-century revetment of the city wall was found to cut a large pit dating to the late 16th or early 17th century.

## CONCLUSIONS

The excavations at Lower Coombe Street have yielded highly significant results, particularly in terms of the Roman military occupation of Exeter. This should in turn shed light on the Roman occupation of Western Britain in general. The Roman finds from this site have proved to be of great interest and include some of the most important groups of pottery ever recovered from the city. The site has provided additional details concerning the development of this part of the walled city, from the early Roman period through to modern times, with further information on the construction of the city's defences being unearthed.

## ACKNOWLEDGEMENTS

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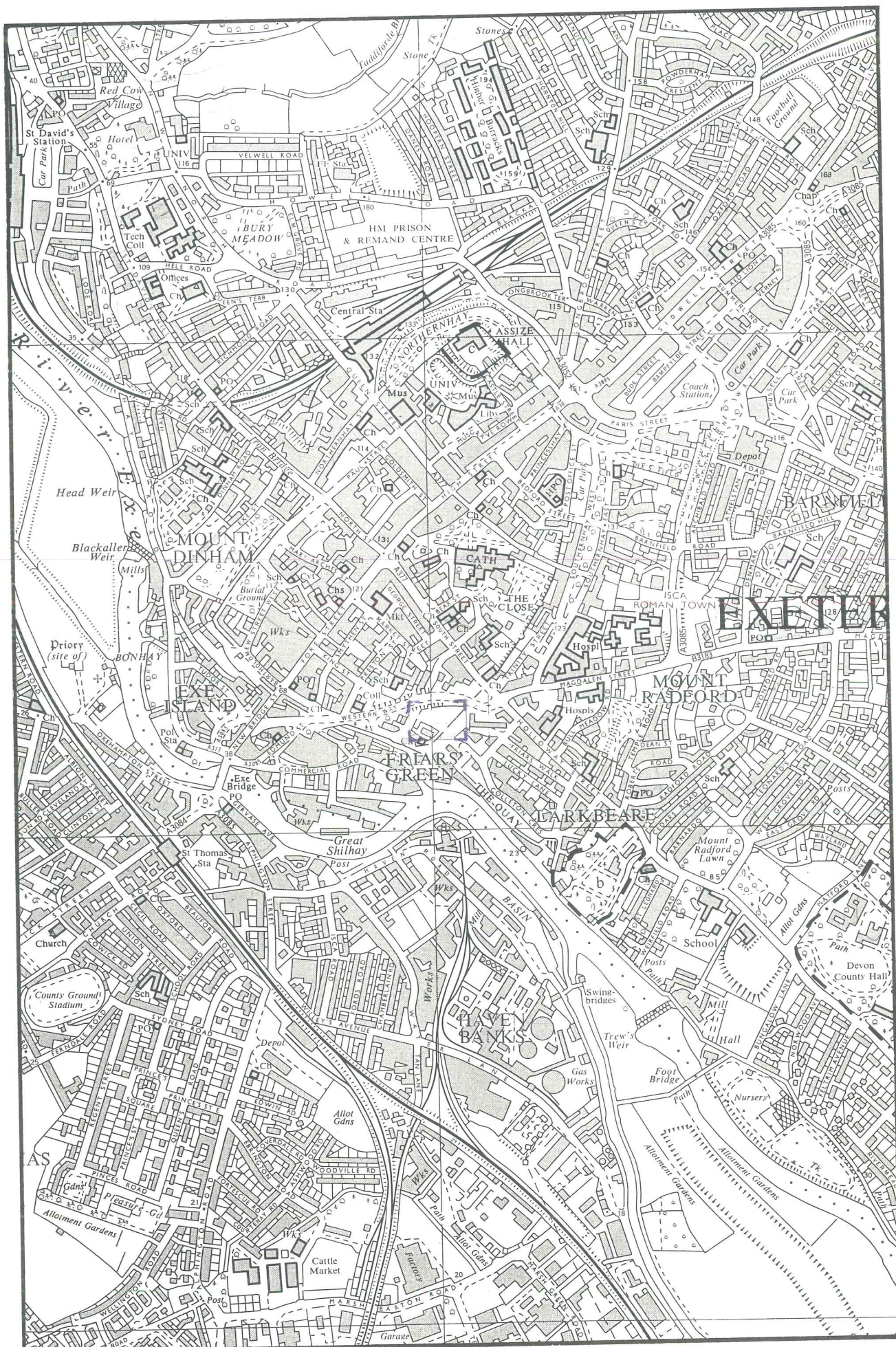


Fig. 1 The location of Lower Coombe Street excavations.



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## Plan of Areas and Trenches

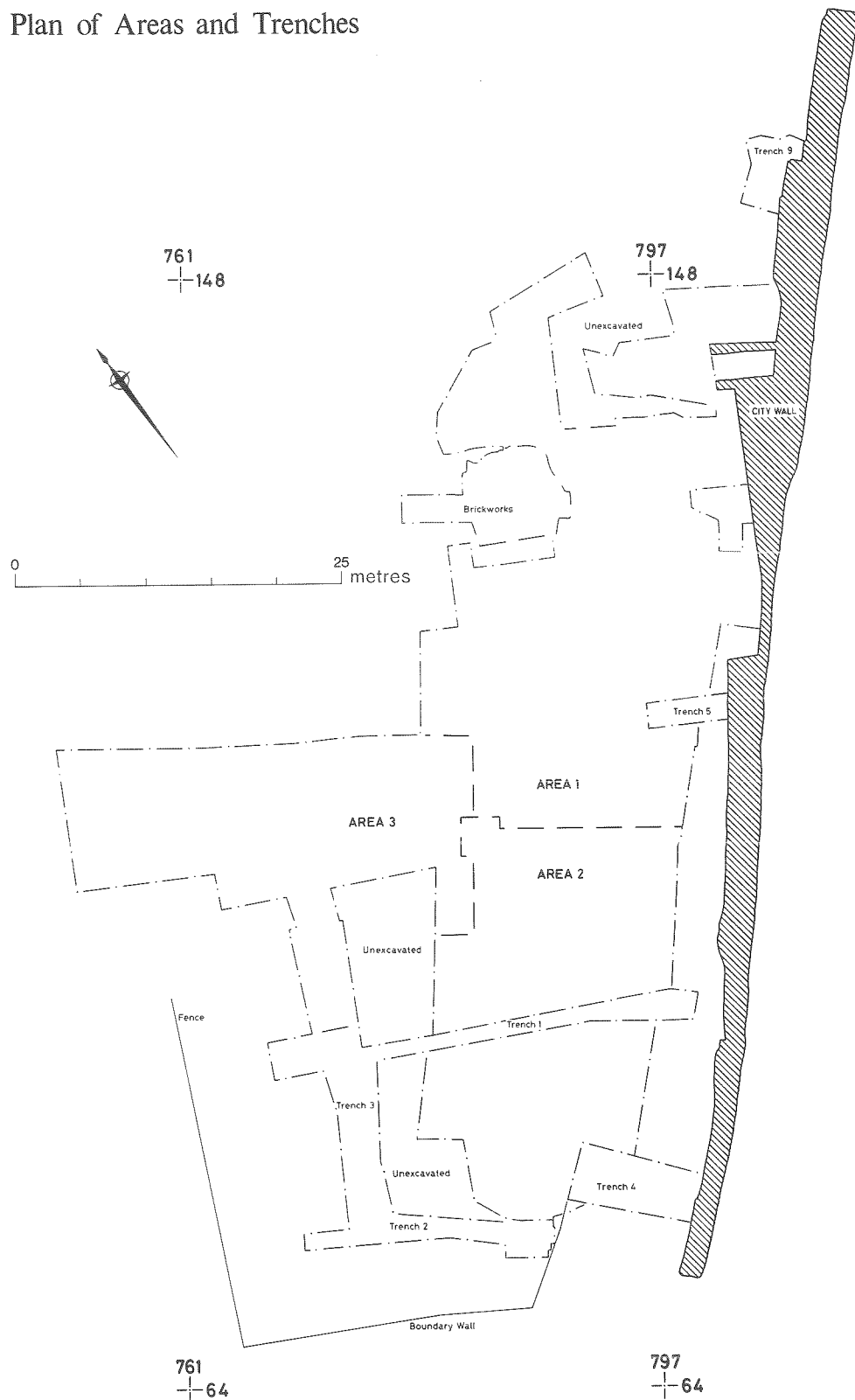


Fig. 2 Plan of areas and trenches.



# EXETER: LOWER COOMBE STREET 1989-90 ROMAN MILITARY



## Simplified Sections

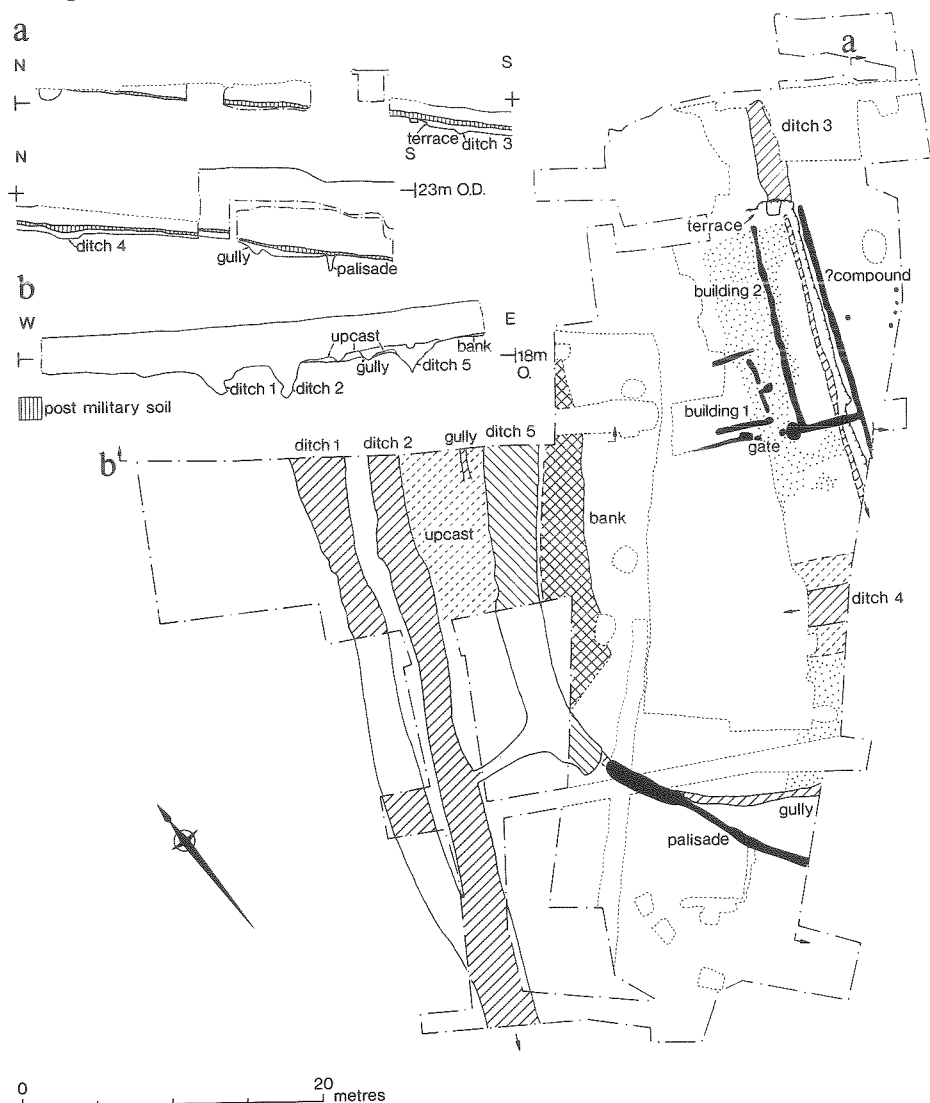


Fig. 3 Roman military: summary plan and simplified sections. Scale 1:250.

# EXETER: LOWER COOMBE STREET 1989-90 EARLY ROMAN TOWN



## Simplified Section

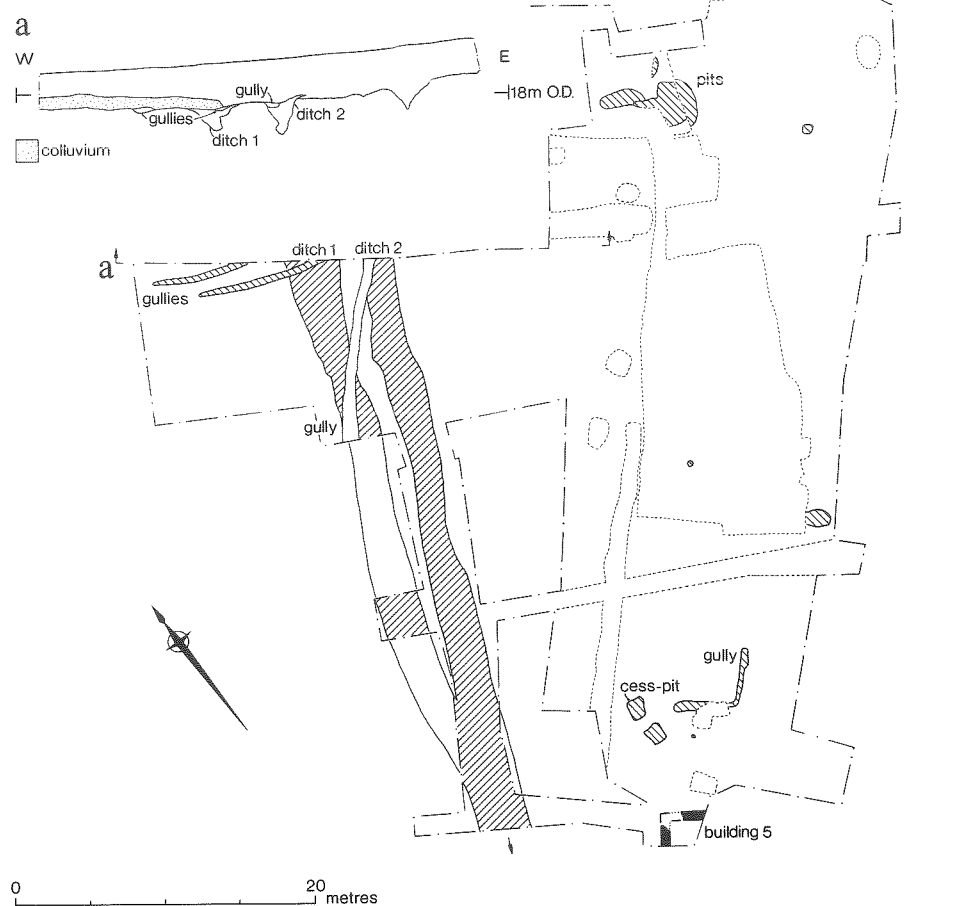


Fig. 4 Early Roman town: summary plan and simplified sections. Scale 1:250.

# EXETER: LOWER COOMBE STREET 1989-90

## LATER ROMAN TOWN

### Simplified Sections

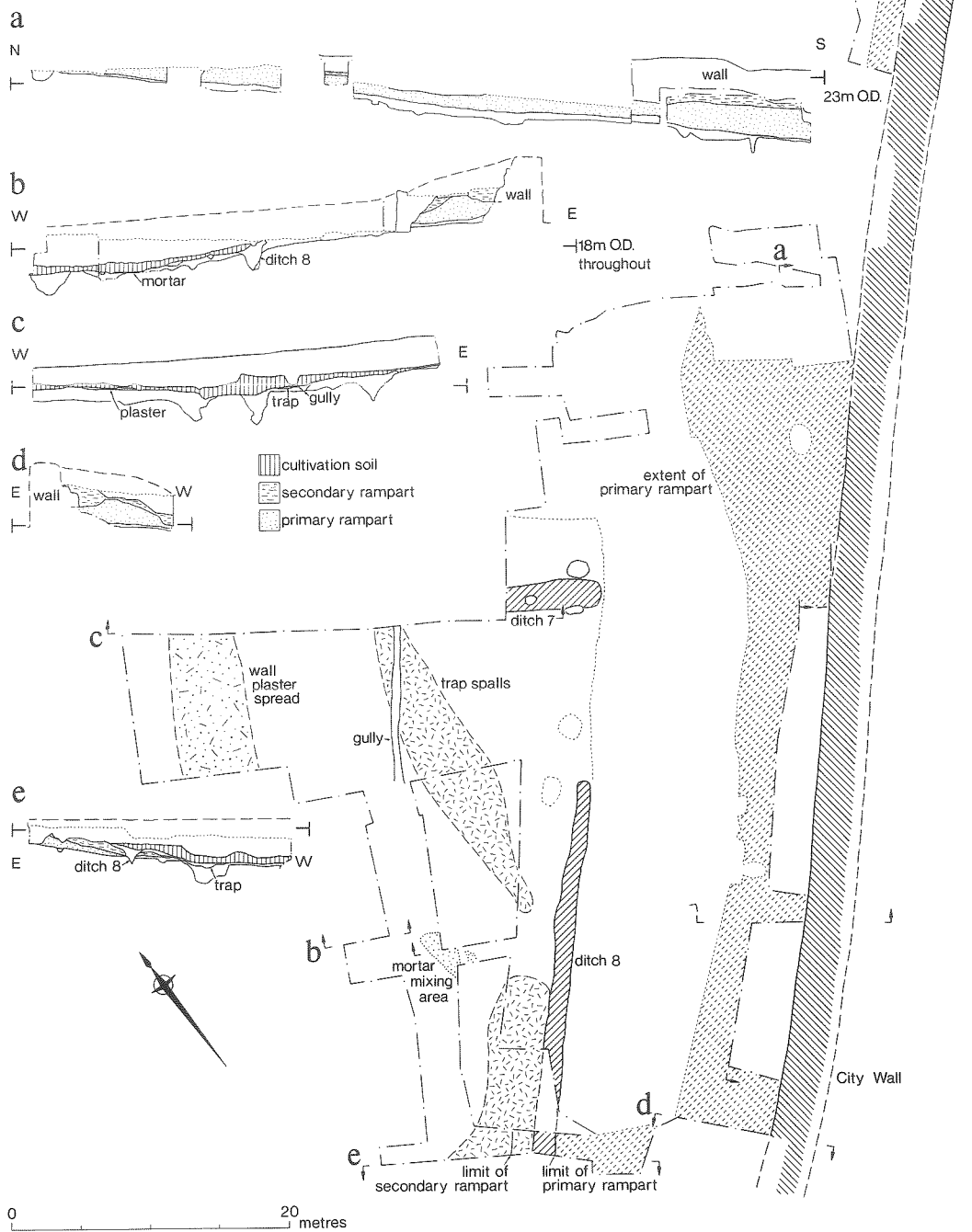


Fig. 5 Late Roman town: summary plan and simplified sections. Scale 1:250.

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## ROMAN MILITARY

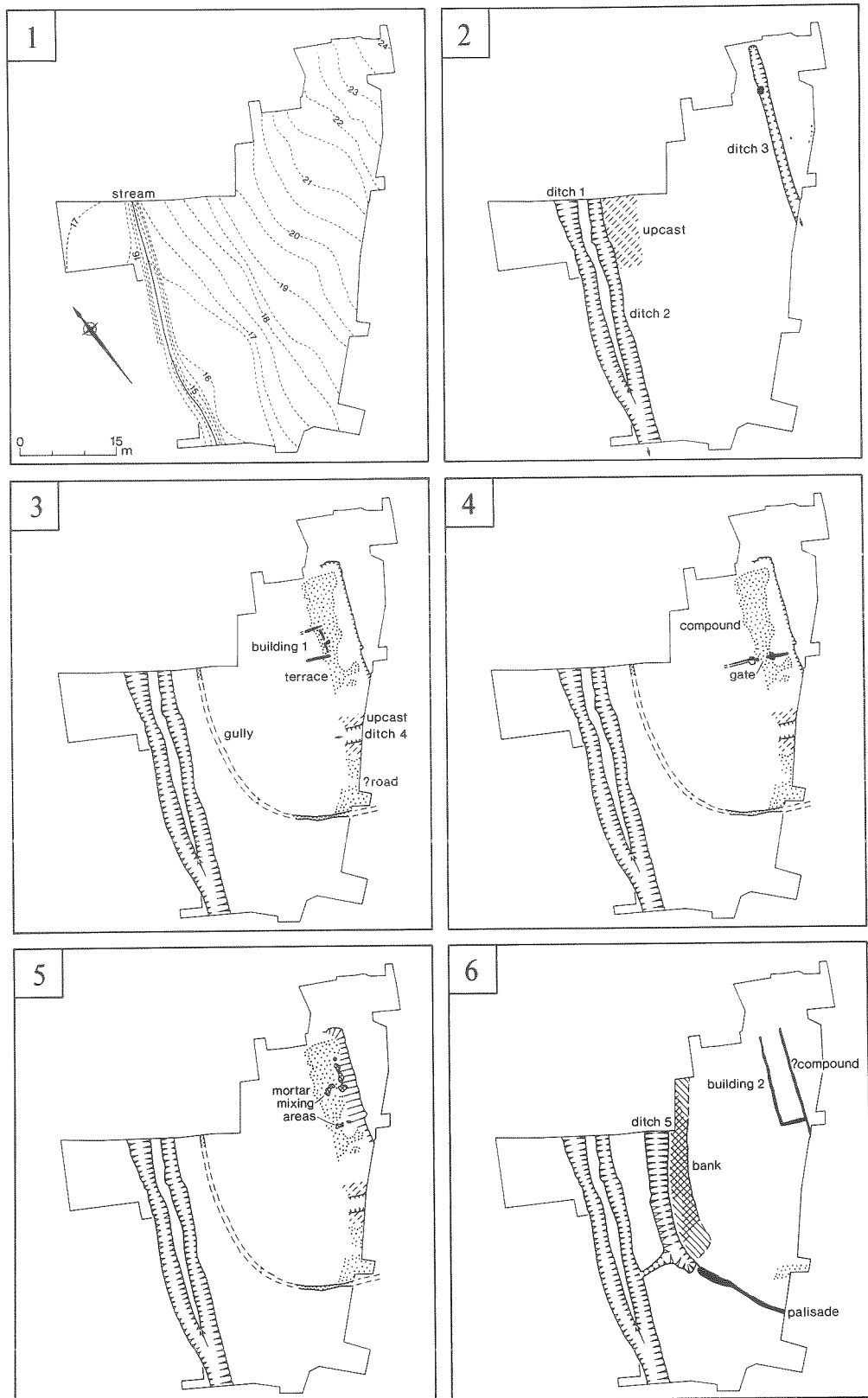


Fig. 6 Site development, phases 1-6: Roman military. Scale 1:100.

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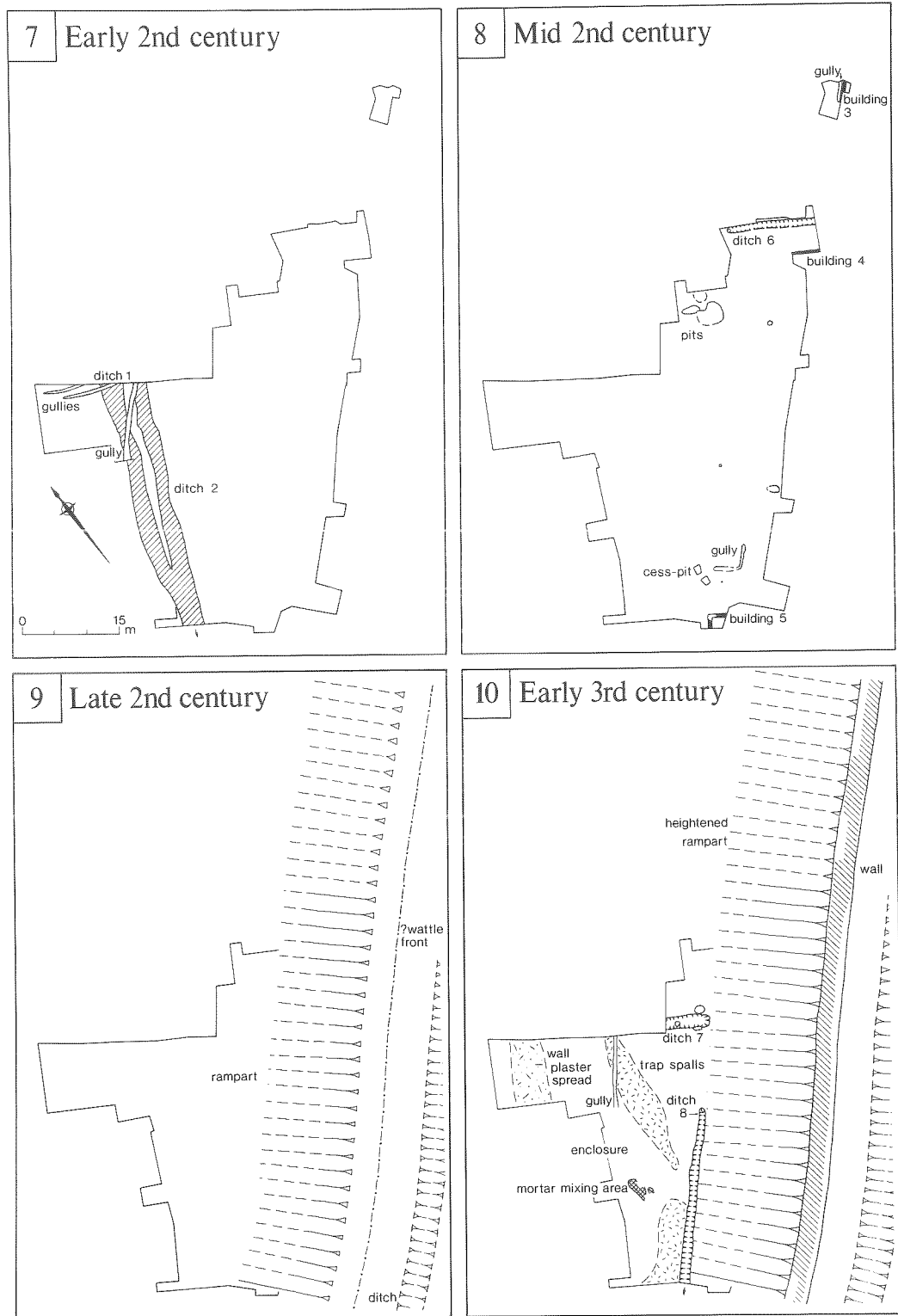


Fig. 7 Site development, phases 7-10: Later Roman. Scale 1:100.

# EXETER: LOWER COOMBE STREET 1989-90 MEDIEVAL AND POST MEDIEVAL

## Simplified Sections

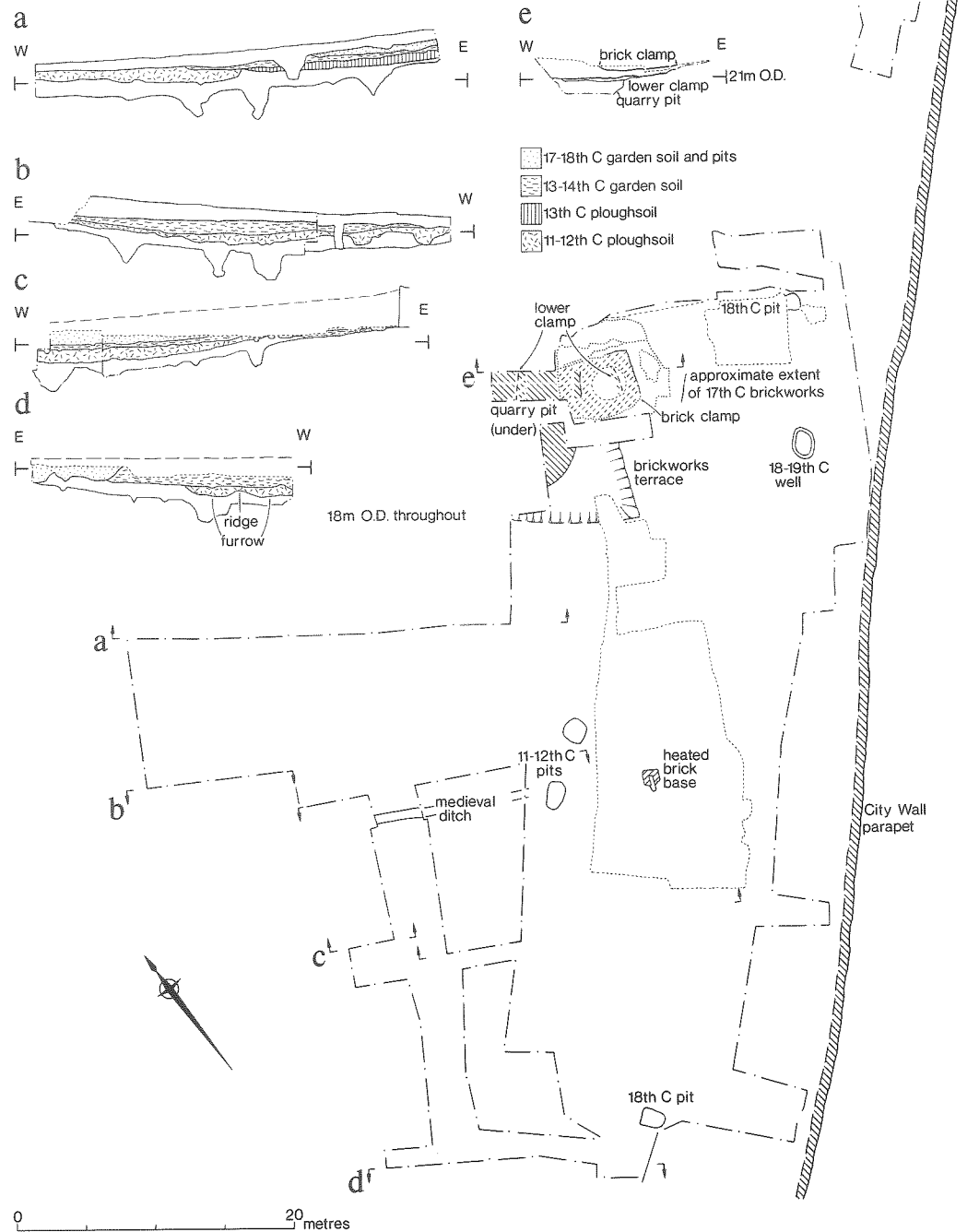


Fig. 8 Medieval and post-medieval: summary plan and simplified sections. Scale 1:250.

## EXETER: LOWER COOMBE STREET 1989-90

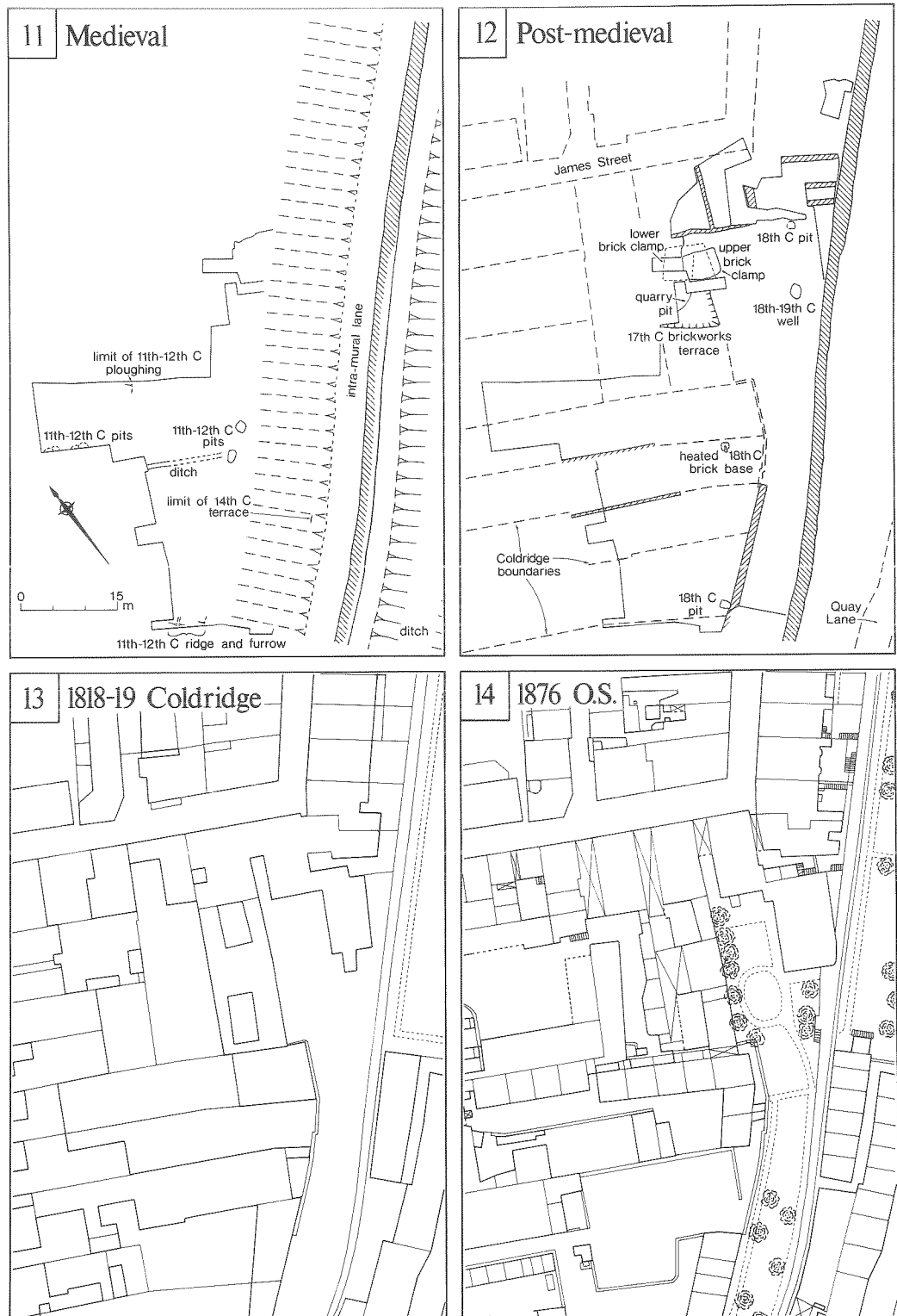


Fig. 9 Site development, phases 11-14: Medieval and post-medieval. Scale 1:100.

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- do - 15,40

## 1. INTRODUCTION

This part of the excavation report contains the detailed archaeological evidence on which the summary history of the site, described in Part 1, is based. The stratigraphic sequences are presented in the form of context matrices, primarily arranged by areas within the excavation site. The matrices are constructed according to a series of stratigraphic groups which illustrate specific, chronologically-arranged events in the archaeological record. Separate matrices have been produced to illustrate the inter-relationships between the stratigraphic groups themselves. Individual contexts are described in a standardised form in numerical sequence.

### 1.1 Primary site records

The site records listed under Code No. 97 consist of the following manuscript records:

Context record sheets	Nos 1-3117
A4 plan sheets	Nos 52-136
A4 section sheets	Nos 1-182
Photographic records	
B/W prints,	
9 contact sheets	Nos
Colour slides	Nos 1-295

### 1.2 Context matrices

Five matrices have been constructed in broadly chronological terms as follows:

Matrix 1	Roman Military
Matrix 2	Roman other than Military
Matrix 3	Medieval
Matrix 4	Post-medieval and modern
Matrix 5 (BW)	Brickworks

#### Matrix identification

Each matrix diagram within the sequence described above is followed by a number indicating location within Areas 1-3 (e.g. Matrix 1.2 Roman Military, Area 2). Where possible the matrix is contained within an A4 page; when this is not possible a continuation is indicated by a letter suffix (e.g. Matrix 2.1b). Context relationships between different matrices are indicated by brackets (e.g [363 M2.1]).

### 1.3 Groups

The context matrix diagrams have been divided by horizontal lines at significant points; these indicate the vertical positions of the stratigraphic groups. The site has been divided into 55 separate groups as follows:

#### **Group List**

MATRIX	GROUP	GENERAL CONTENT
	1	Natural alluvials
	2	Early Military ditches: 813 & fills, 501,2002,2003
	3	Post pit 848 & fills
MATRIX 1	4	Terrace 788, ditch 3001, gully 2248 & 3007
Roman Military	5	Metalling 855 & 3116
	6	Building 1. Cuts and fills
	7	Compound gateposts cuts and fills
	8	Demolition spread 809
	9	Slumped fills of terrace 788
	10	Mortar mixing
	11	Infill of terrace 788
	12	Building/compound
	13	Terrace 3008. Ph 3048 & gully infill
	14	Palisade cut 3006/3109; ditch 2000 & bank
	15	Building 2 construction
	16	Building 2 extraction
	17	Infill of ditch 3008/3048
	18	Infill of ditch 2000/3070
	19	Infill of palisade 3109
	20	Late military dump layers
	21	Unknown date pre post-military soils
	22	Post-military pre-rampart soils
	23	Infill of 2002 & 2003
	24	Post-military soil ditch cuts and fills
MATRIX 2	25	Post-military pre-rampart terracing
Roman Post-Military	26	Primary rampart material
	27	Extensive early layer (742) of primary rampart

	28	Bulk of primary rampart material
	29	Disturbed primary rampart material
	30	City wall cut and footings
	31	Secondary rampart
	32	City wall construction debris (volcanic trap)
	33	Uncertain date pre-civil Roman
	34	Civil Roman occupation, and ditch 172
	35	Fills of group 34
	36	Late Roman cultivation
	37	Uncertain date to end of Roman
	38	Early medieval soils, pits and ditches
MATRIX 3	39	C13/C14 soils
Medieval	40	Late medieval soils
	41	Medieval - uncertain date
	42	Post-medieval early cuts and fills
MATRIX 4	43	Revetment wall
Post-medieval	44	Post-medieval-late features
	45	Post-medieval-late features
	46	Post-medieval - uncertain date
	47	C19 cellars and walls
	48	Modern
	49	Brickworks quarry pit construction cut
MATRIX BW	50	Lower brick clamp
	51	Dumping over lower clamp
	52	Upper or secondary clamp
BRICKWORKS	53	Dumping over upper clamp
	54	Well
	55	Modern levelling/make-up

#### Group descriptions

The nature and content of the individual stratigraphic groups are described in summary form under the group descriptions. A list of context numbers within each group is included therein.

#### Group matrices

The stratigraphic relationships between the groups themselves are illustrated by the group matrices.

### 1.4 Contexts

Information about individual contexts is provided in two forms. Firstly, the context number as it appears with the context matrix is annotated with an abbreviated 'type' description, e.g. Lrm (Layer, rampart). The list of abbreviations is given at the beginning of the series of matrix diagrams. Secondly, a standardised summary description of each context in sequential order is included in the report. These contain the type abbreviations as used in the matrix diagrams.

## GLOSSARY OF MATRIX ABBREVIATIONS

### Type

Layer	L
Fill	F
Cut	C
Build	B
Surface	S
Miscellaneous	Misc

Bank	bk	Post pad	ppd
Blocking	bl	Post pipe	ppi
Burial	bu	Post pit	ppt
Buried soil	bs	Post trench	pt
Cess pit	css	Quarry	qy
Chimney stack	ch	Rampart	rm
Cobbles	cb	Recess	rs
Cob spread	cs	Re-cut	rc
Construction	cn	Render	rd
Cremation	cr	Repair	rp
Culvert	cv	Road	rd
Demolition	dem	Rd foundation	rdf
Ditch	dt	Robber trench	rt
Doorway	dw	Robbing	rb
Drain	dr	Roof	rf
Dump	dp	Scoop	sc
Fireplace	fp	Skeleton	sk
Floor	fl	Sleeper beam	sb
Floor timber	flt	Slot	sl
Garderobe	ga	Soil	so
Gully	gl	Stairway	sw
Hearth	h	Stake	st
Hedgebank	hb	Stake hole	sh
Leat	lt	Terrace	te
Lintel	l	Timber	t
Make-up	mk	Timber slot	tsl
Metalling	mt	Vent	vt
Modern	mod	Wall	w
Mortar spread	ms	Wall base	wb
Natural	nat	Wall footings	wf
Occupation	occ	Watercourse	wc
Oven	ov	Well	we
Packing	pk	Wheelpit	wp
Partition	pa	Window	wn
Pit	pit		
Post	pst		
Post hole	ph		
Post packing	ppk		

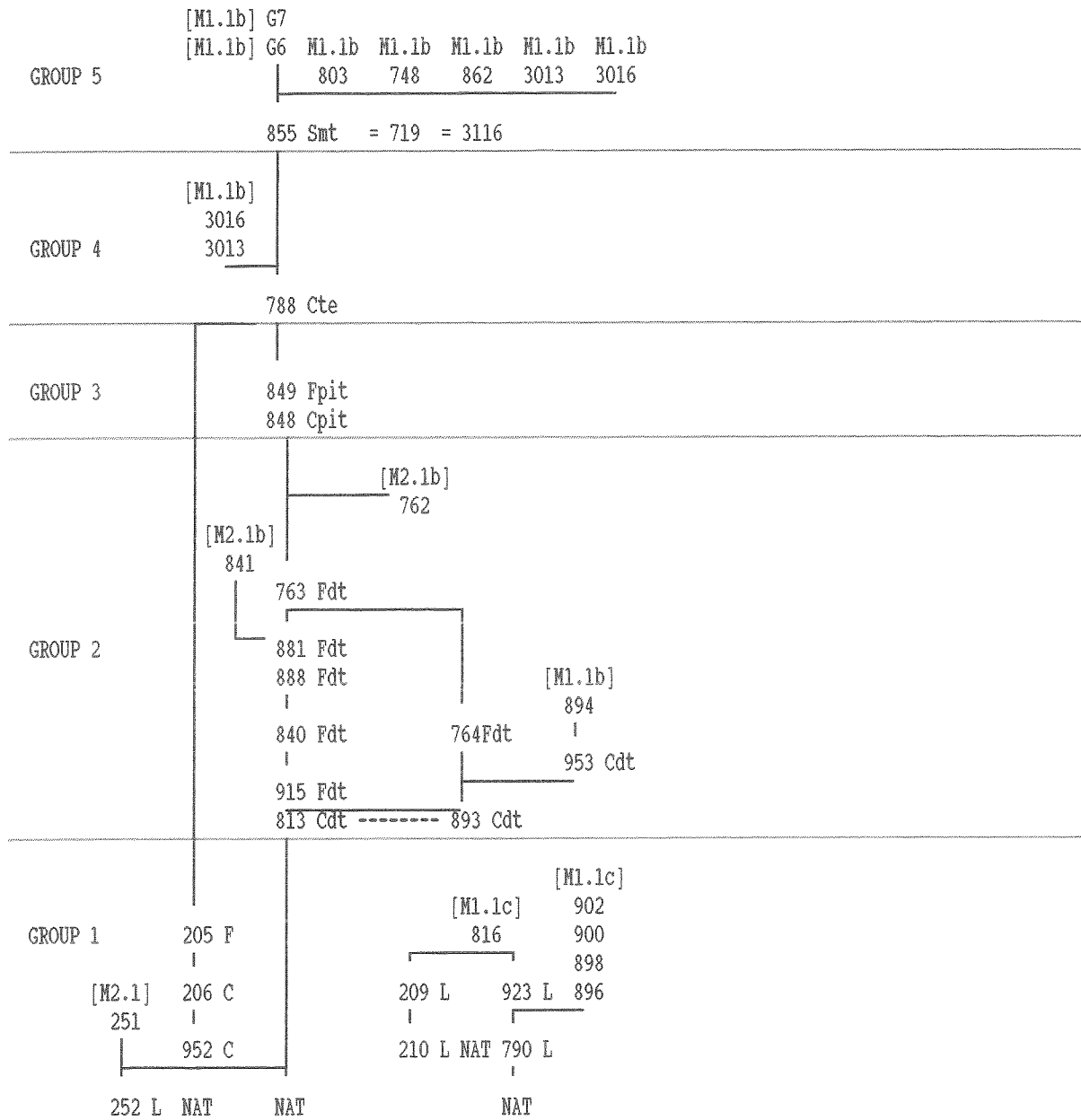
### Period

R	Roman
MED	Medieval
PM	Post-medieval
MOD	Modern
NAT	Natural

THE MATRIX DIAGRAMS AND GROUP DESCRIPTIONS

MATRIX 1.1a

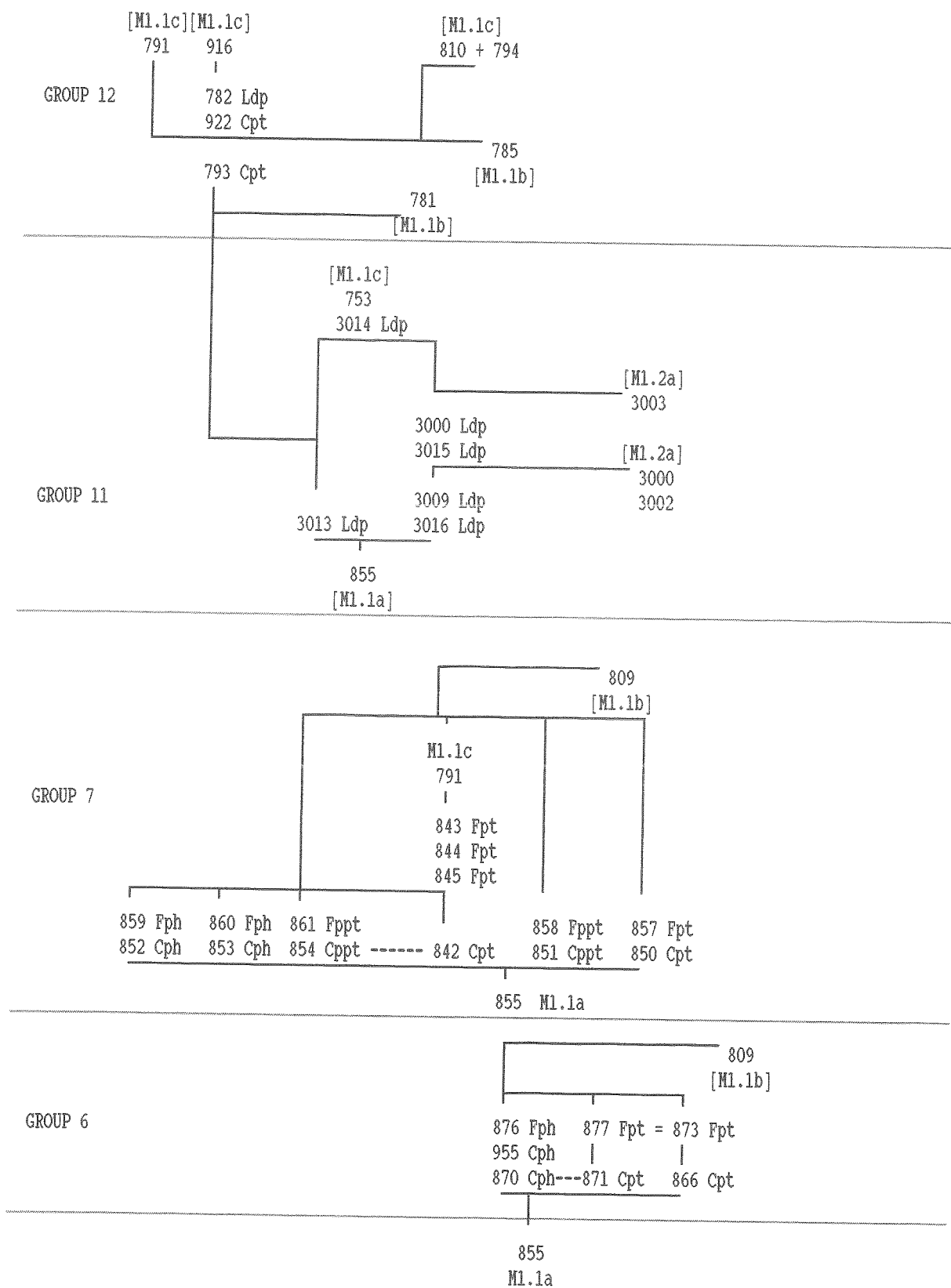
AREA 1



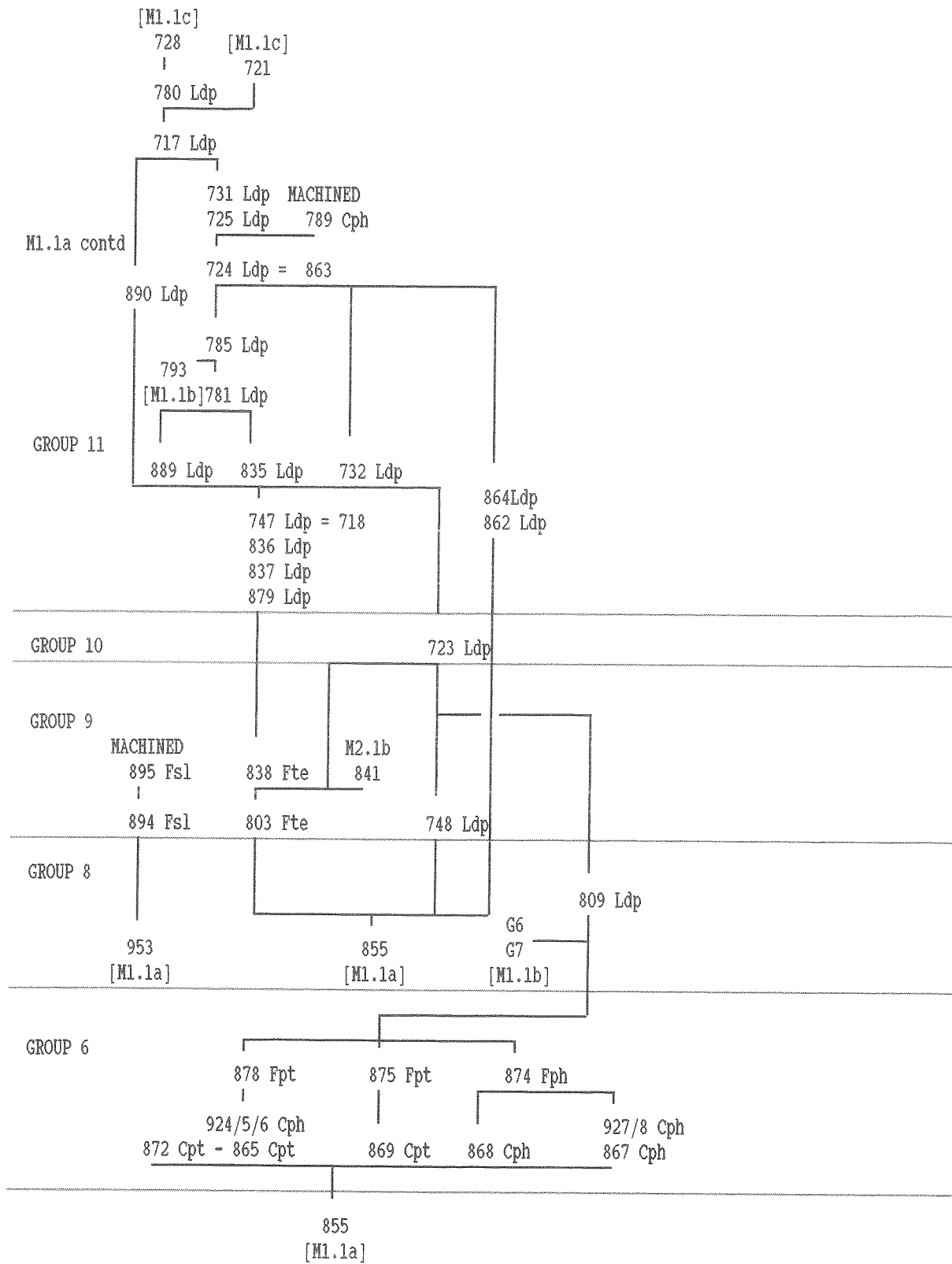
## MATRIX 1.1b

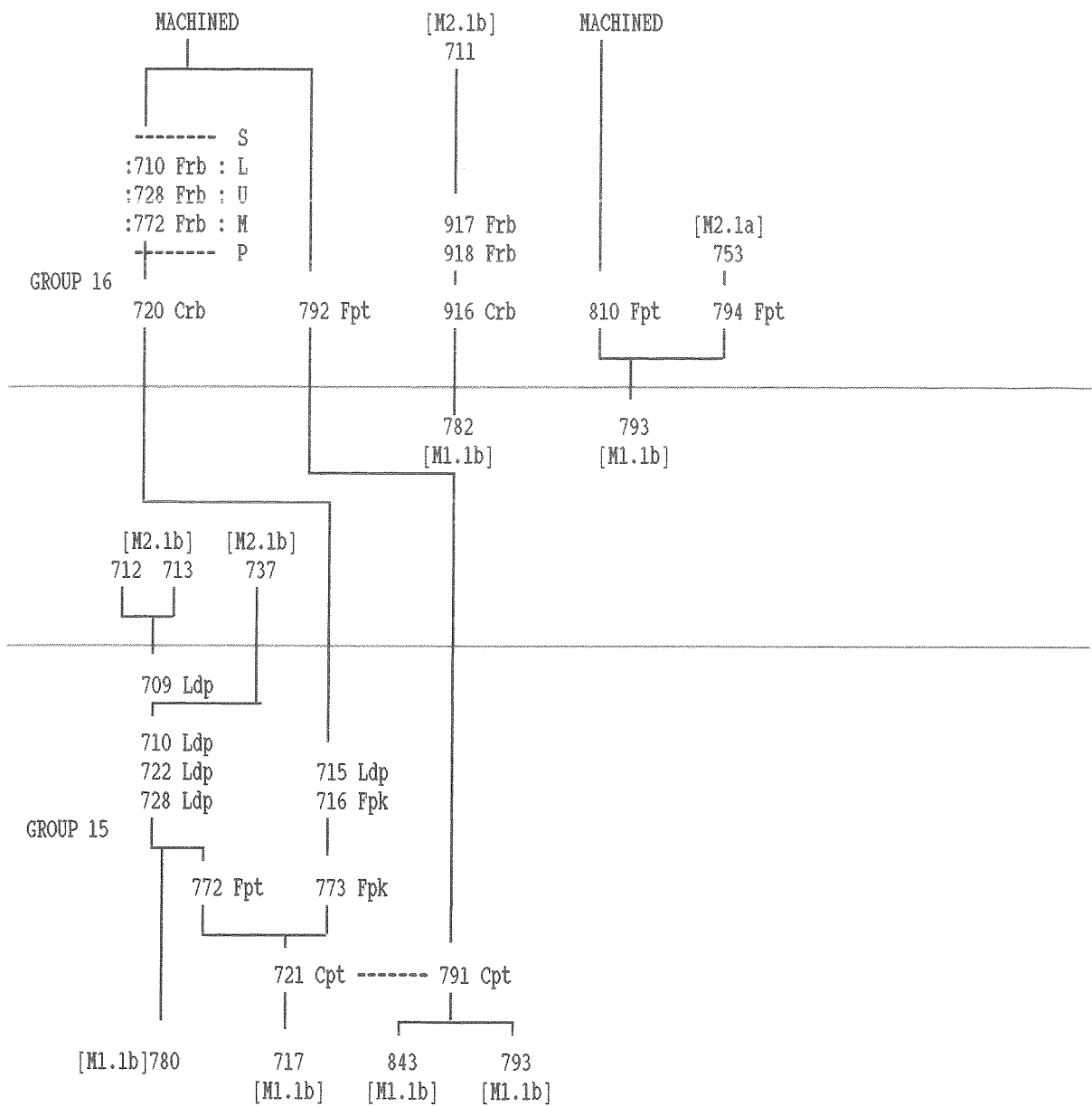
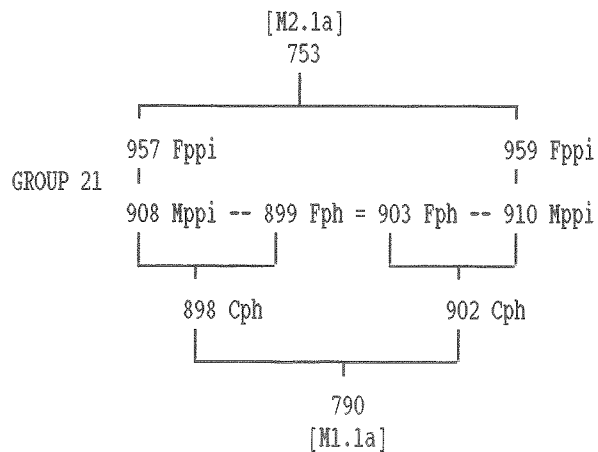
AREA 1

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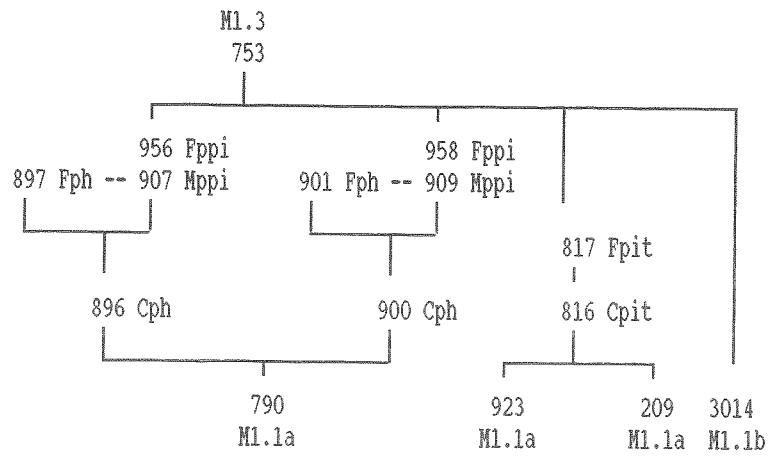
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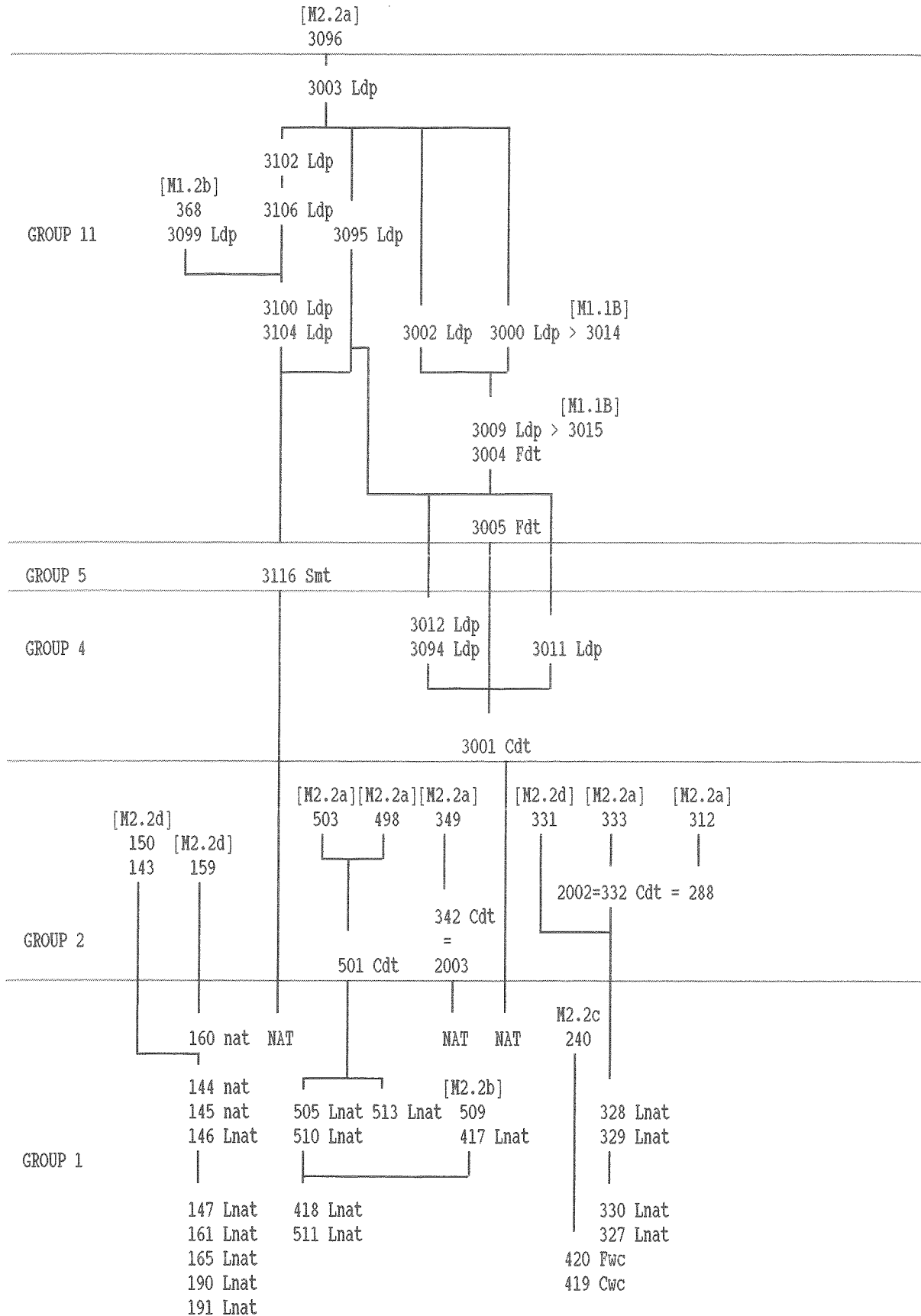






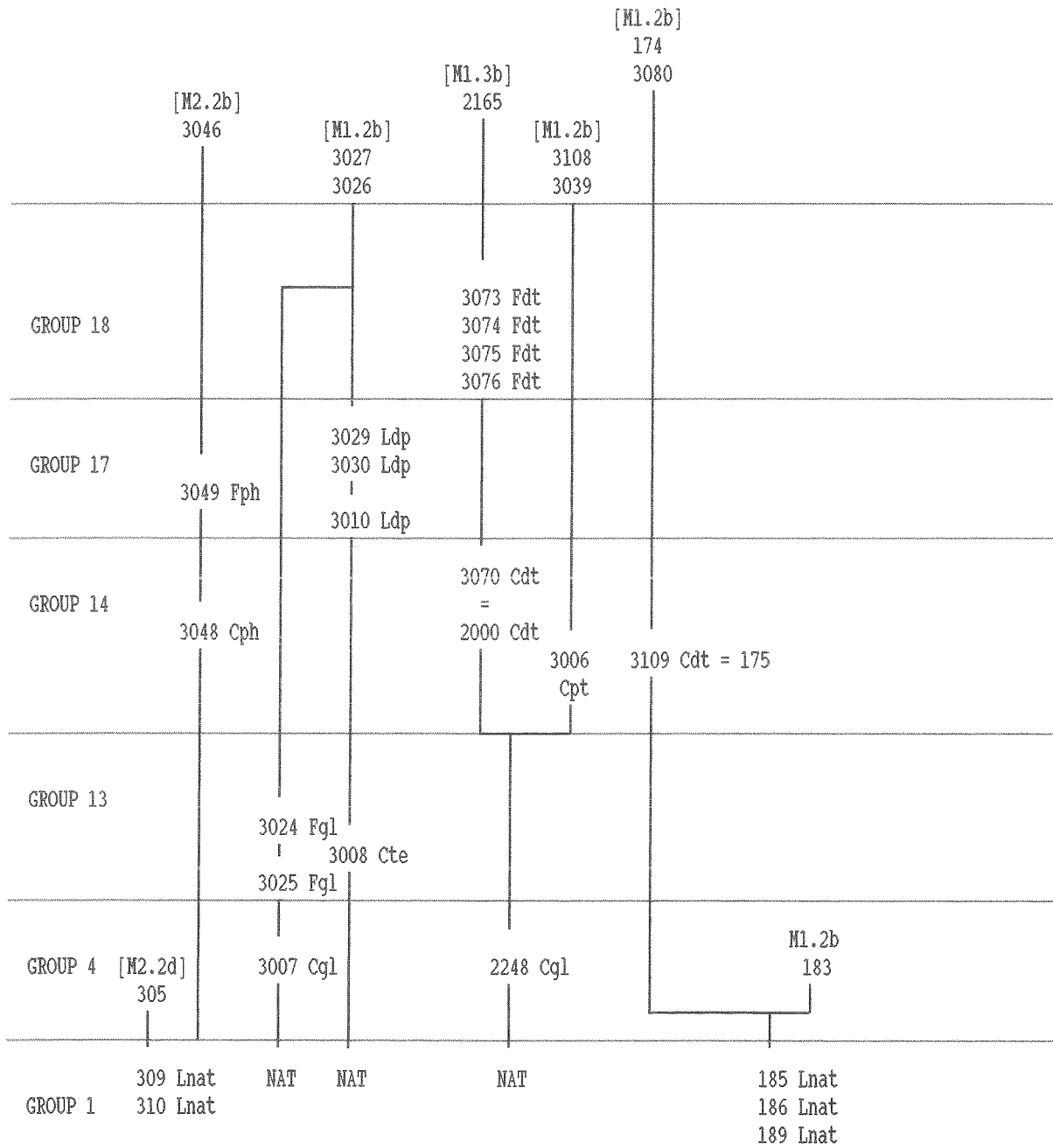
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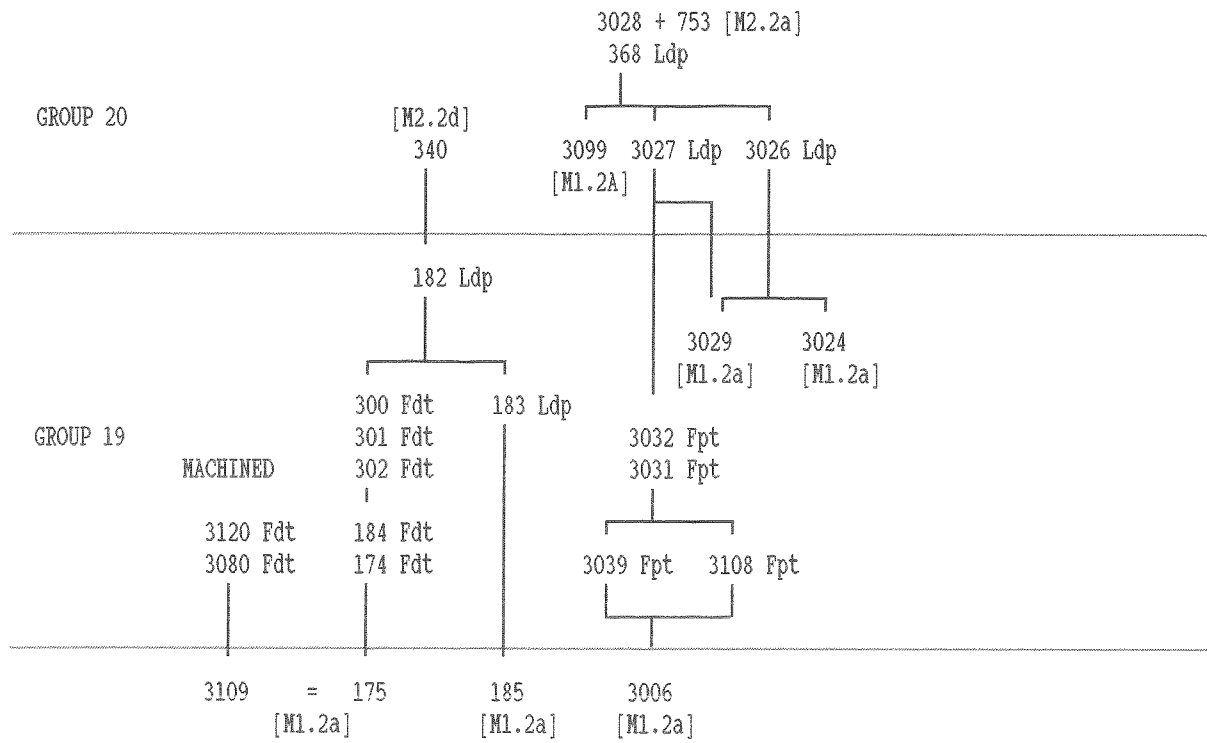


MATRIX 1.2A Area 2

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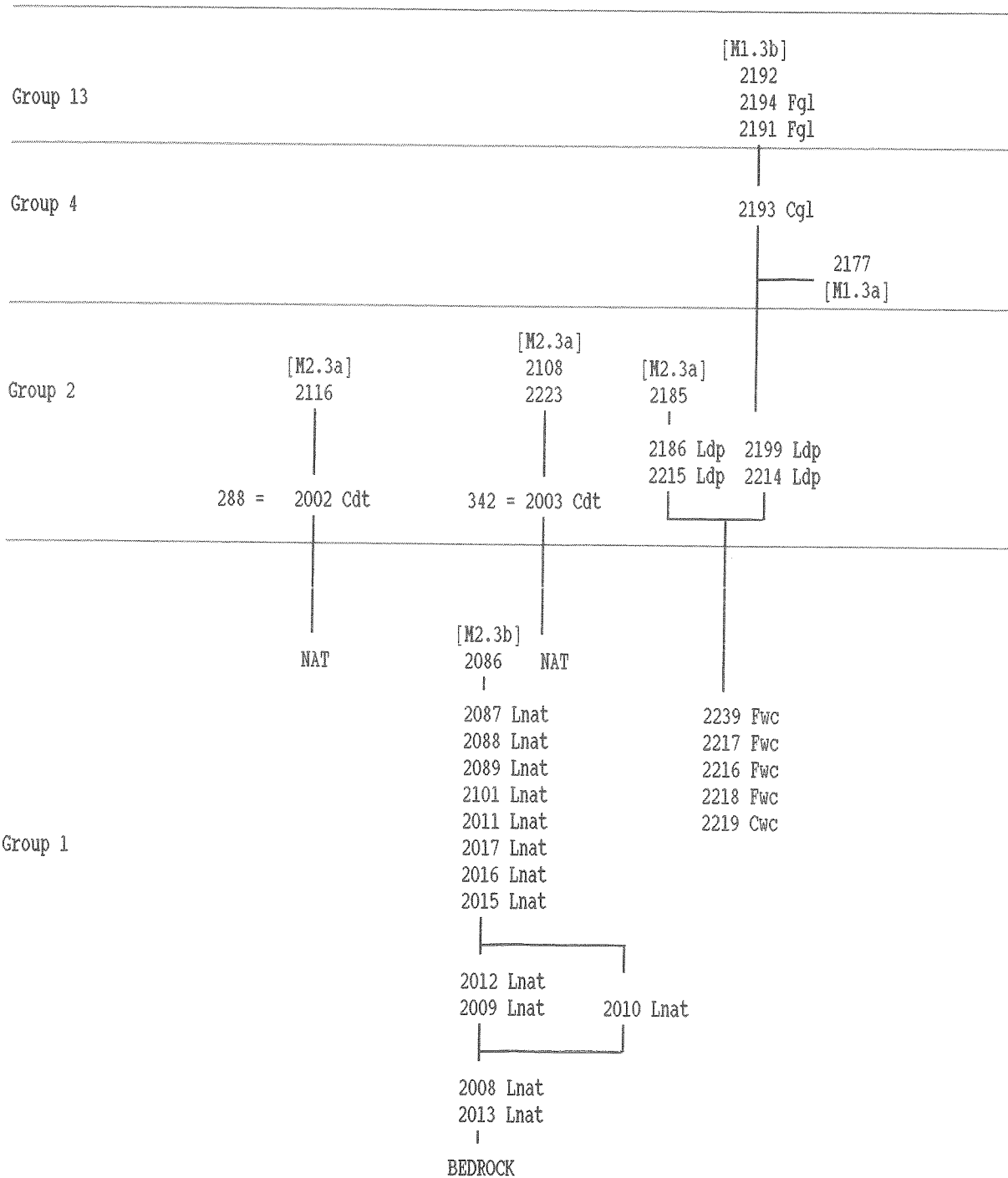


MATRIX 1.2B Area 2



MATRIX 1.3a AREA 3

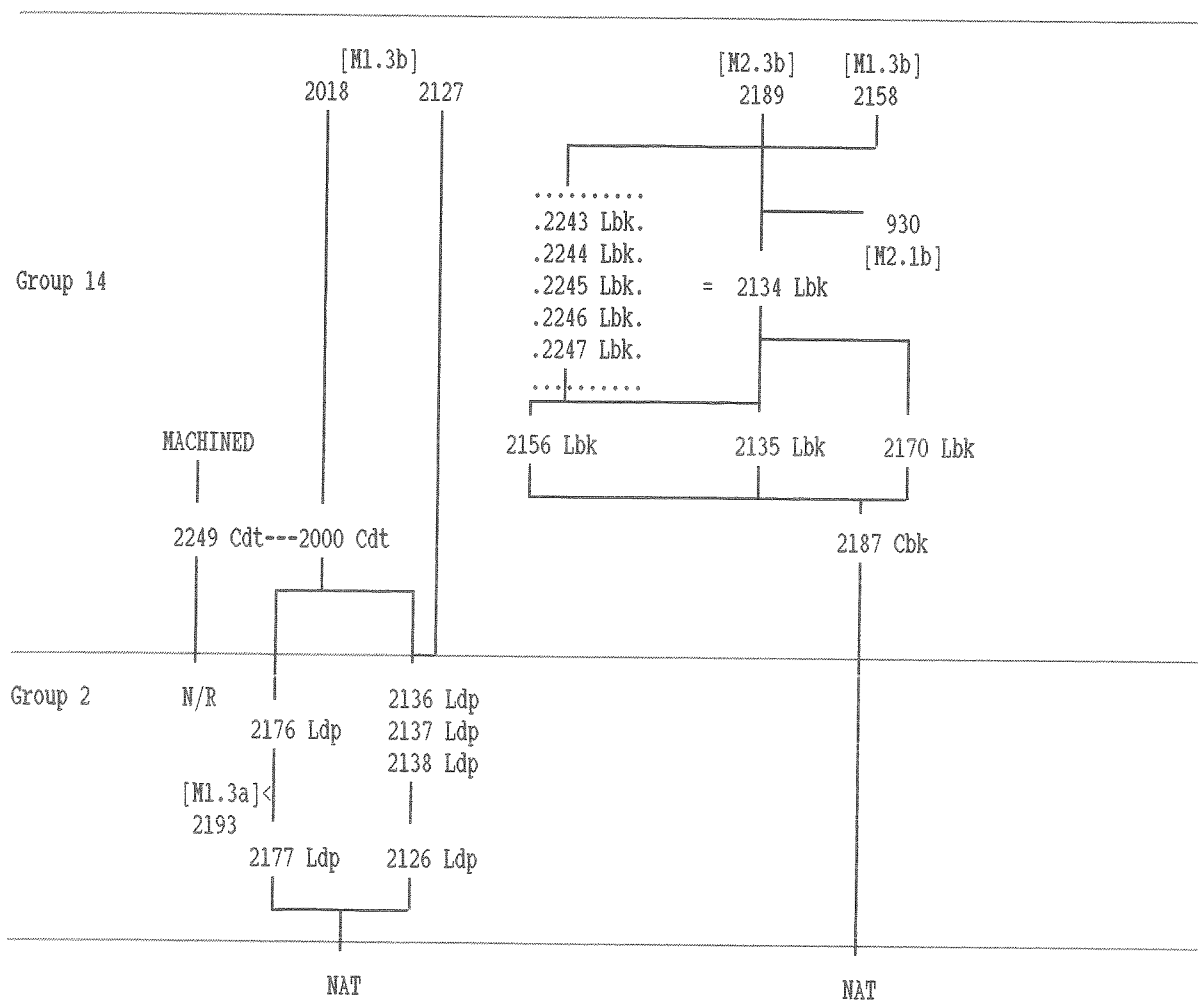
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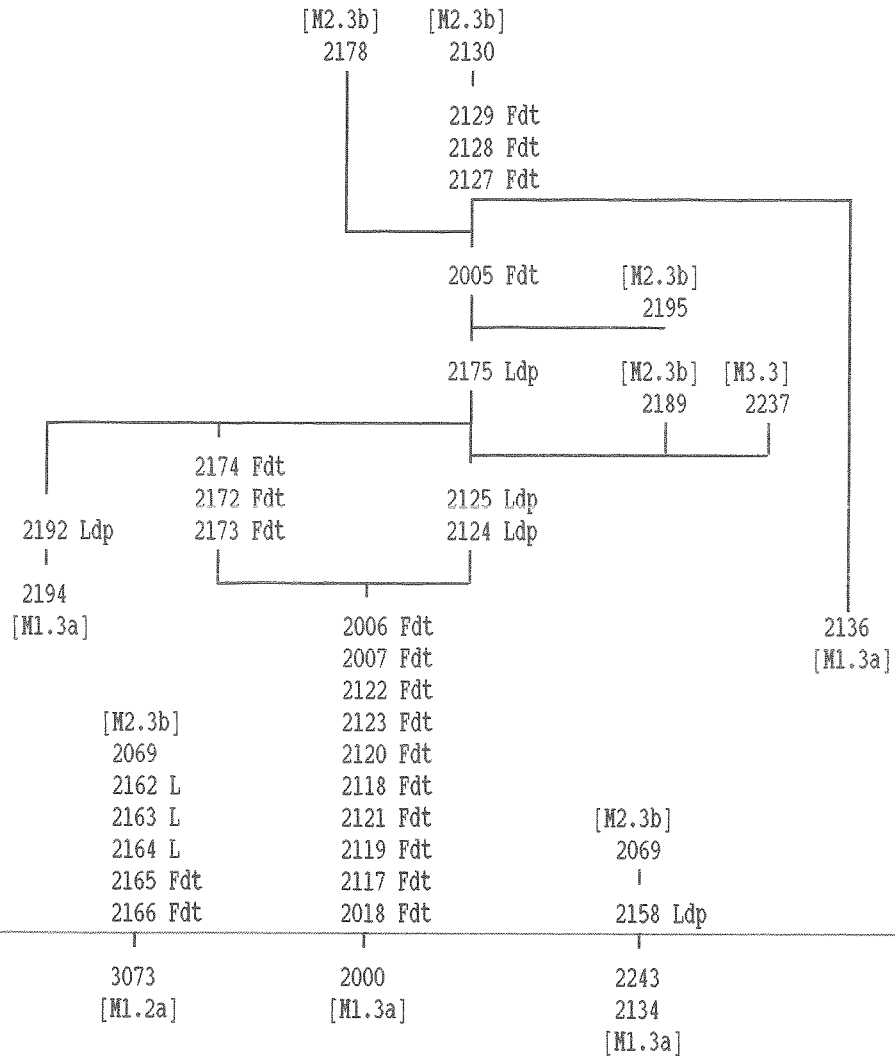
MATRIX 1.3a

AREA 3



MATRIX 1.3b AREA 3

Group 18



#### **Group 1**

This group consists predominantly of alluvial and colluvial deposits which became deeper towards the Coombe valley, where they were seen to a depth of 2.0m. Also included are several naturally formed watercourses.

Contains contexts: 144-7, 160, 161, 165, 185, 186, 189-191, 205, 206, 209, 210, 252, 309, 310, 327-30, 417-20, 505, 510, 511, 513, 790, 923, 952, 2008-13, 2015-17, 2087-9, 2101, 2216-19, 2239, 3200.

#### **Group 2**

This group represents the earliest human activity on the site; ditches 2002 and 2003 in Area 3 and ditch 813 in Area 1. 2002 would appear to have been either totally man-made or a major canalisation of a natural feature, which merges with the 'Coombe' stream 2003 to form watercourse 501 as seen in section 15. These ditches remained open throughout the Roman military period.

Ditch 813 survived for a total length of 12.2m from its northern (heavily truncated) butt end. It is clear that subsequent activity (terrace 788) maintained this alignment. This ditch is continuous with cleaning slot 893.

Contains contexts: 288, 332, 342, 501, 763-4, 813, 840, 881, 888, 915, 2002-3, 2126, 2136-8, 2176-7, 2186, 2199, 2214-15.

#### **Group 3**

Post-pipe 848 had been heavily truncated by terrace cut 788 although sufficient survived to determine its nature and extent. No pipe was seen and no associated post pits were found. The immediate area had however, been severely disturbed by later activity.

Contains contexts: 848-9

#### **Group 4**

Context 788 represents terracing for the primary military buildings, surviving for a maximum width of 8.0m after which it is disturbed by later activity. The terrace cut 788 maintains the alignment of ditch 813, suggesting that the latter must have been visible and still functioning as a boundary (if partially infilled) when the terracing occurred. The function of ditch 3001 is not clear. Its profile suggests a leat, though the severe gradient of the land in this area would seem to make this unlikely.

Cuts 3007, 2248 and 2193 would all appear to be segments of the same ditch. Similar in nature, they appear to enclose the military establishment, serving perhaps as a boundary or demarcation line.

Contains contexts: 788, 890, 893, 953, 2193, 2248, 3001, 3007, 3011-12, 3094.

#### **Group 5**

This metalling forms the earliest surface, having been laid directly after the terracing 788. Well-preserved in places 855 was traceable throughout the compound area beyond which it continued south as 3116. Although it is possible that several episodes of metalling are represented, no clear division or significant change in the nature of the material could be found. The surface was however more compacted, indicating greater use, within the compound area.

Contains contexts: 719, 855, 3115.

#### **Group 6**

This group contains all construction cuts, together with their fills, relating to the primary phase of building activity. Unfortunately there were no stratigraphic relationships between the features themselves, apart from the fact that they all cut the surface 855 and were all sealed by a demolition spread 809. They would however appear to be constituent parts of the same building, possibly open-fronted. Other, if any, associated features have been lost by later activity.

Contains contexts: 852-3, 859-60, 865-78, 924-28, 955.

#### **Group 7**

This group contains cuts and fills, relating to a probable compound gateway, the component parts being a pair of large post pits (851 & 854) each of which was continuous with a post-trench (850 & 842). They are likely to have contained a partition (rather than a defensive) wall. Post-trench 842 respects the back of the terrace 788.

Associated with each gatepost was a small shallow post hole (852 & 853). There is no direct stratigraphic relationship between these features and those of group 5, although both groups were sealed by a demolition spread 809. It is clear however that they are of separate phases as the building of group 5 completely obstructs access through the gateway. There is evidence, in the manner in which a later building respects both 854 in particular and the alignment of the gateway in general, to strongly suggest that the gateway post-dated group 5.

Contains contexts: 842-45, 850-51, 854, 857, 858, 861.

#### **Group 8**

This spread of demolition material, though very patchy in places, seals both the primary building of group 5 and the compound gateway of group 6. It was not visible to any degree south of the compound area.

Contains contexts: 809.

#### **Group 9**

This group contains the primary infill of terrace 788; material which has, largely through slumping, accumulated within the back of the terrace, totally filling drainage slot 893. This material, very much cleaner than subsequent dumped deposits, was seen throughout the length of the compound but did not extend beyond.

The major part of the terrace remained clear and in use at this time, as witnessed by activity in group 10.

Contains contexts: 748, 803, 838, 879, 894-95.

#### **Group 10**

This context represents a period of mortar mixing within the terraced area with spreads of crushed mortar and Beer stone fragments overlying the metalling (855) and primary terrace infill layers (group 5).

Contains contexts: 723.



#### **Group 11**

These contexts comprise the final infilling of the terrace (788). The layers tend to be very mixed and dirty, with a high concentration of charcoal. This phase of infilling covered ditch 3001 but stopped short of gully 3007 which would appear to have still been open.

Contains contexts: 717-18, 724-25, 731-32, 747, 780-81, 785, 789, 835-37, 862-4, 889, 3000, 3002-05, 3009, 3013-16, 3095, 3099, 3100, 3104, 3106.

#### **Group 12**

Significantly, post-trench 793 maintains the alignment of terrace 788, its northern butt end projecting no further than the northern limit of the terrace. No associated post-trenches were found further east although it was only possible to examine this area to a width of approximately 5.5m. Several post holes were seen (896, 898, 900, 902, 929), although these cannot be linked with any certainty to this group, and can be found in group 21. This feature therefore, though clearly a post-trench, need not necessarily be part of a building, perhaps defining a compound area.

Contains contexts: 782, 793, 922.

#### **Group 13**

This group sees the infilling of boundary gully(?) 3007 and the terracing of an area immediately to its south (3008). As the terracing respects the south side of the gully so precisely it is difficult to see the gully as already infilled and thus obscured at this stage.

The fills of 3007, being quite clean with a high proportion of natural gravel and sandstone, could be seen as the upcast from the terracing.

Contains contexts: 2191, 2194, 3008, 3024-25.

#### **Group 14**

These contexts relate to a major episode of construction in which the limits of the military establishment are extended and finalised. This takes the form of a major V-shaped ditch (2000) and bank, together with a deep palisade trench (3109, 3006).

The lack of a berm between the ditch and bank, coupled with the bank being of insufficient width to support a walkway, militates against a purely defensive function for these features. Hence the term bank would seem more appropriate than rampart. Although it was only possible to investigate the ditch for a total length of 13.5m the south butt end was found together with a drainage slot feeding into the Coombe stream.

The boundary continues from this point in the form of a palisade trench. The change from ditch and bank to palisade was doubtless determined by the change in gradient, from the gentle slope to the Coombe on the western fringe of the establishment to the sudden, severe fall into the valley further east. In this area a ditch, whether for drainage or defense, would have been inappropriate, a palisade far better suited to the conditions.

Contains contexts: 175, 2000, 2134-35, 2156, 2170, 2187, 2243-47, 2249, 3006, 3048, 3070, 3109.

#### **Group 15**

Contexts 721 and 791 represent a further sequence of building activity. It would appear (see sections 39 & 52) that following the insertion of timbers within these post trenches, a level surface was formed by the dumping of a considerable amount of material (e.g. 709 & 710). No surface however survived.

There is a strong suggestion in the manner in which 721 respects post pit 854 that the gateway was still standing at the time that this building was constructed.

Contains contexts: 709-10, 715-16, 721-22, 728, 772-73, 791.

#### **Group 16**

Contexts 720 and 916 are distinct cuts which appear to be robbing the building timbers of group 15. Both cuts are one-sided and filled with slumped material, following extraction of the timber.

Contains contexts: 720, 792, 794, 810, 916-18.

#### **Group 17**

This group contains dumped infills of post hole 3048 and ditch 3008.

Contains contexts: 3010, 3029-30, 3049.

#### **Group 18**

This group represents the infilling of the V-shaped ditch (2000). The lower fill of the ditch (2018, 2117-9, 2121) contains a high proportion of silting and weathered material. Amongst the subsequent infilling was noticed a substantial amount of slumped bank material. This activity occurred contemporaneously with that within group 19.

Contains contexts: 2005-7, 2018, 2117-26, 2127-29, 2158, 2162-66, 2172-75, 2192, 3073-76.

#### **Group 19**

The infilling of the palisade trench (3109,3006) occurred at the same time as the infilling of ditch 2000 in group 18, the fills being continuous over the junction of the two layers. No significant silting layers were found.

Contains contexts: 174, 182-84, 300-2, 3031-32, 3039, 3080, 3108.

#### **Group 20**

These contexts represent a period of further dumping of material over the terrace infills. At this point, the last remaining area of metalling 3116 was covered. This represents the last known activity of the Roman Military period.

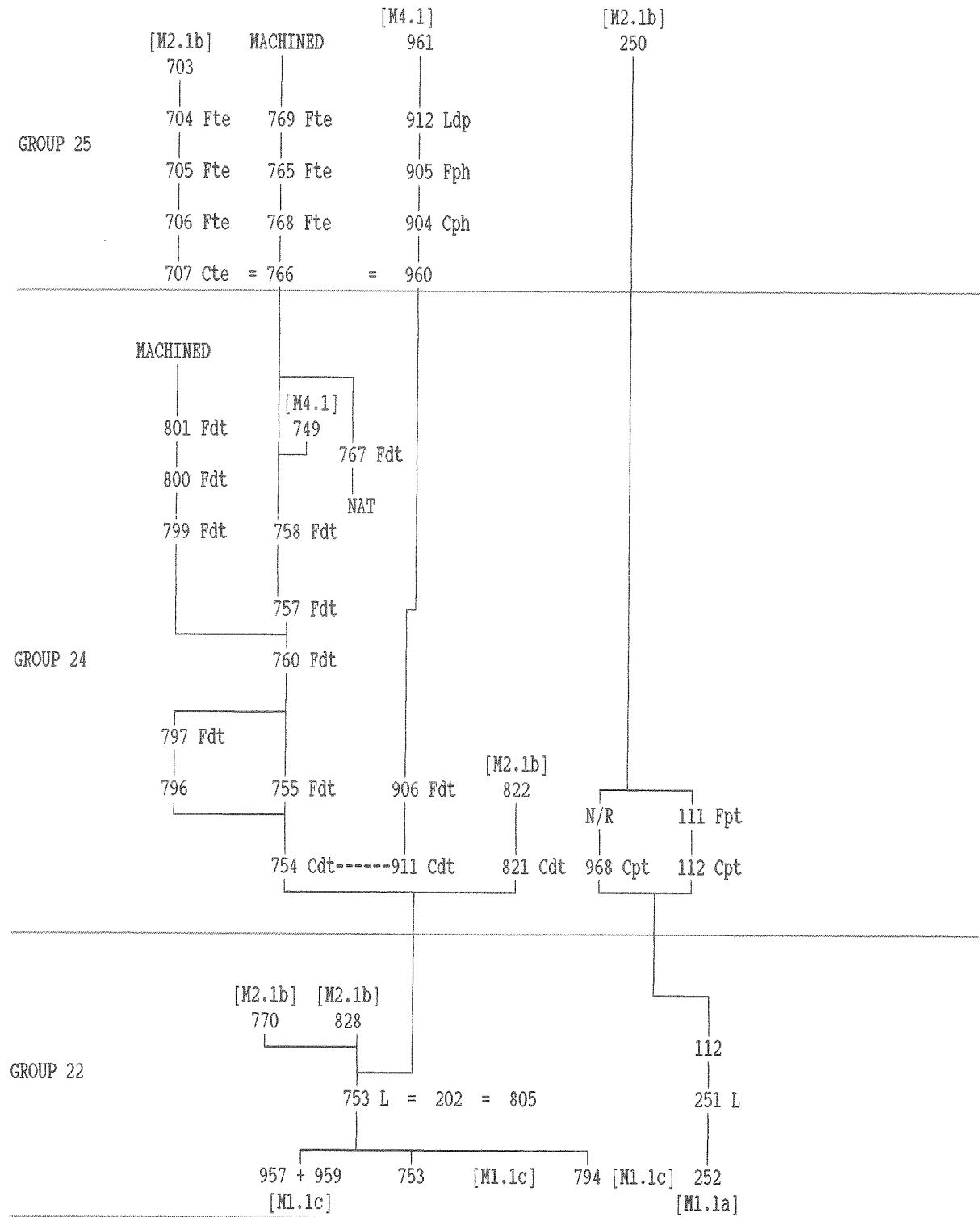
Contains contexts: 368, 3026-27.

#### **Group 21**

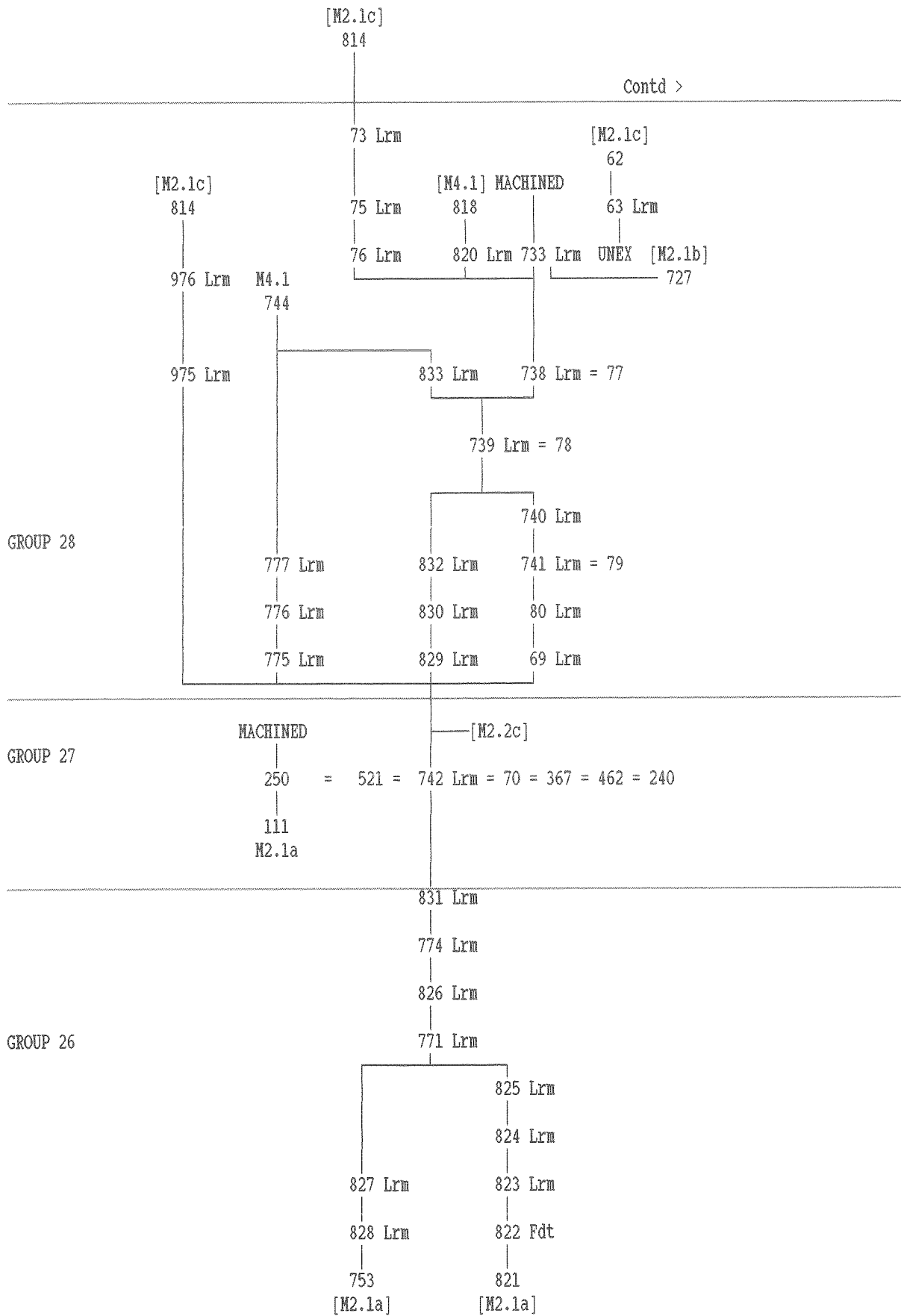
This group contains cuts and fills which have no known stratigraphic relationships as a consequence of machine stripping, and could thus be of any date up to that of the post-military soil development (group 22) which is known to have sealed them. There is a possibility with regard to the post holes, that they are associated with the early building/compound post-trench 793 (group 12).

Contains contexts: 816-17, 896-903, 907-10, 956-59.

MATRIX 2.1a AREA 1



MATRIX 2.1b AREA 1

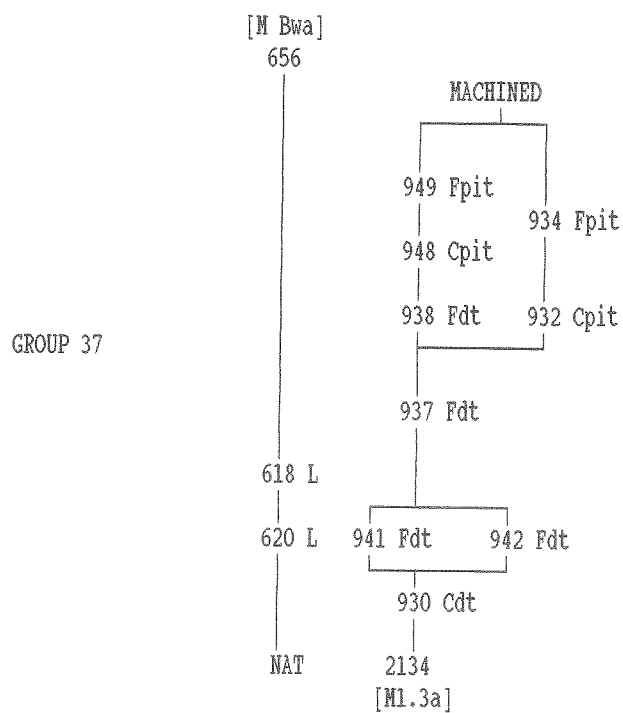


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MATRIX 2.1b

AREA 1

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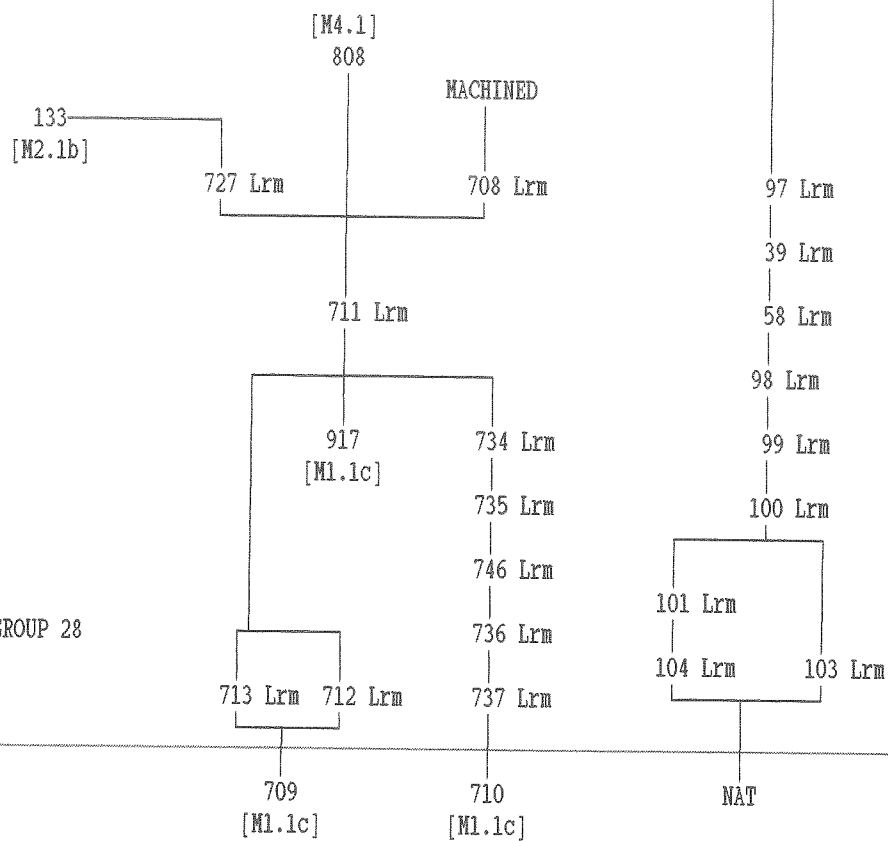


GROUP 30

[M4.1]

110

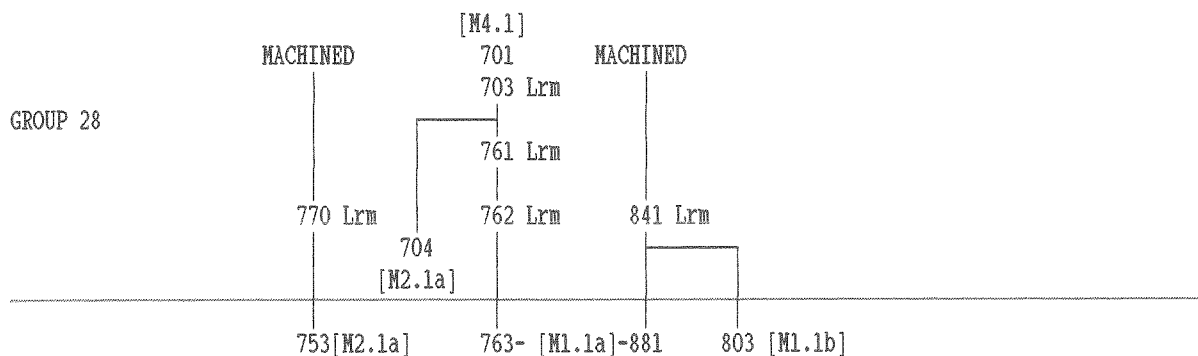
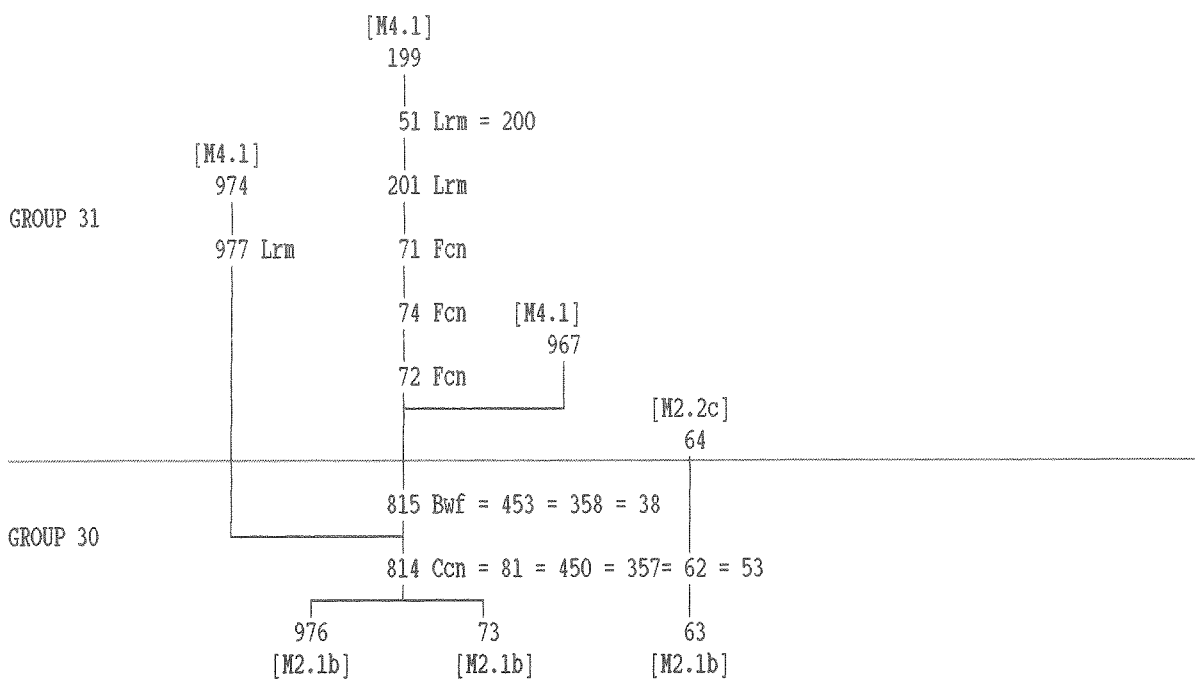
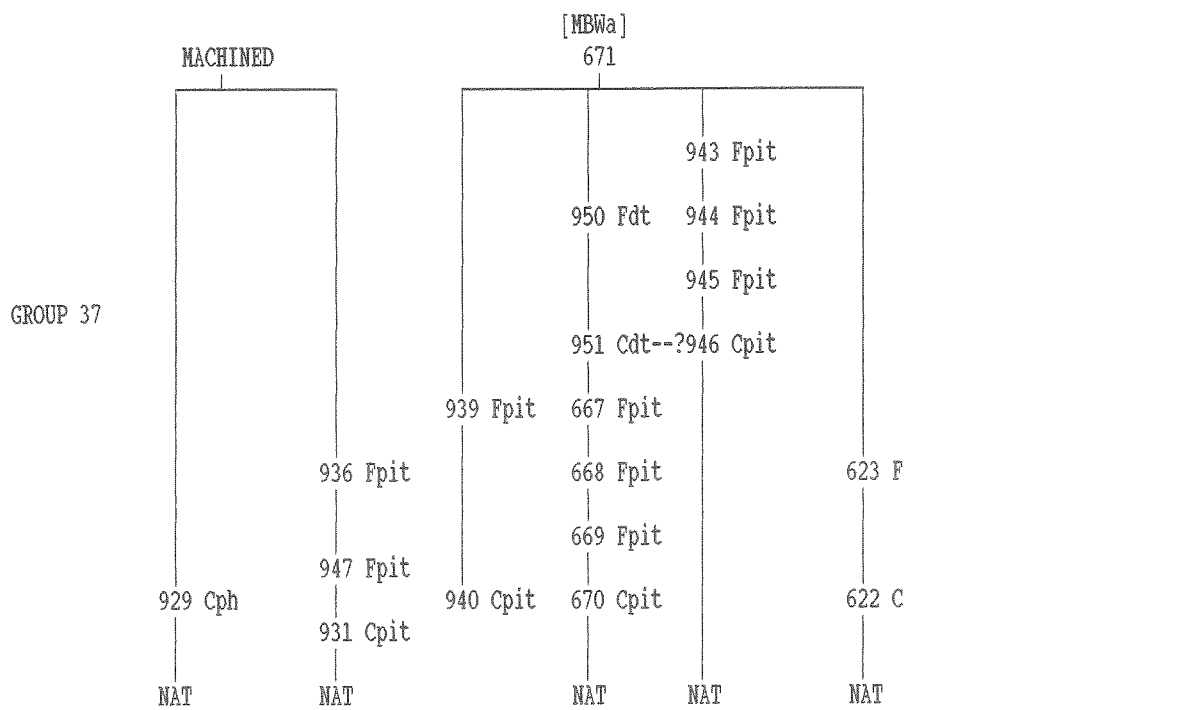
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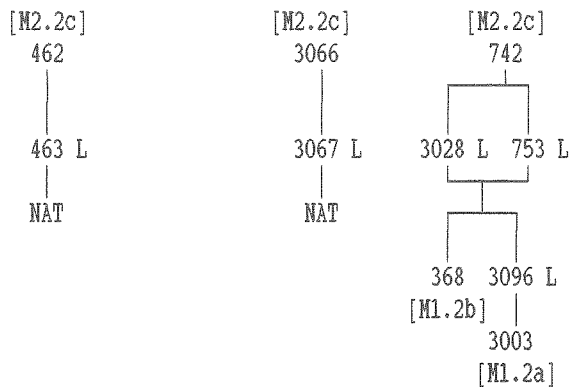
MATRIX 2.1b

AREA 1

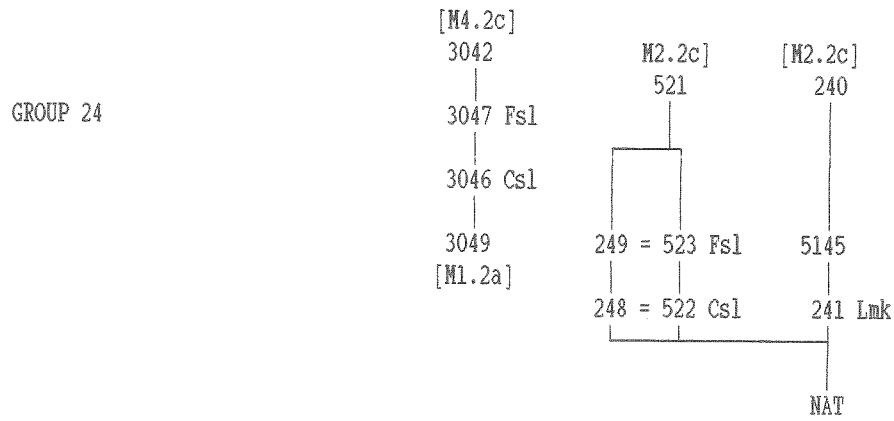
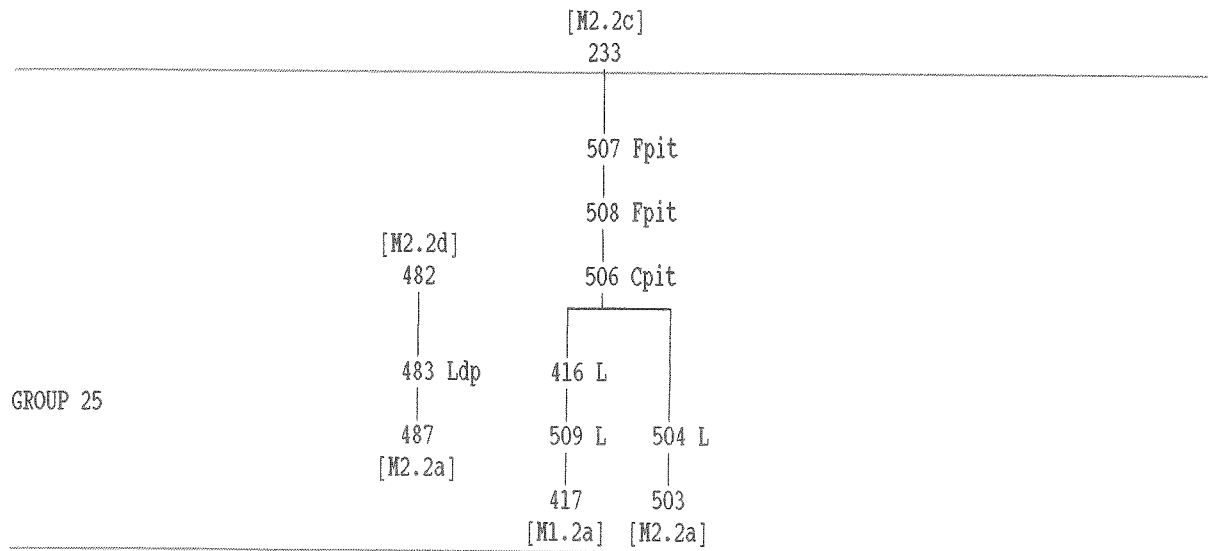


AREA 2

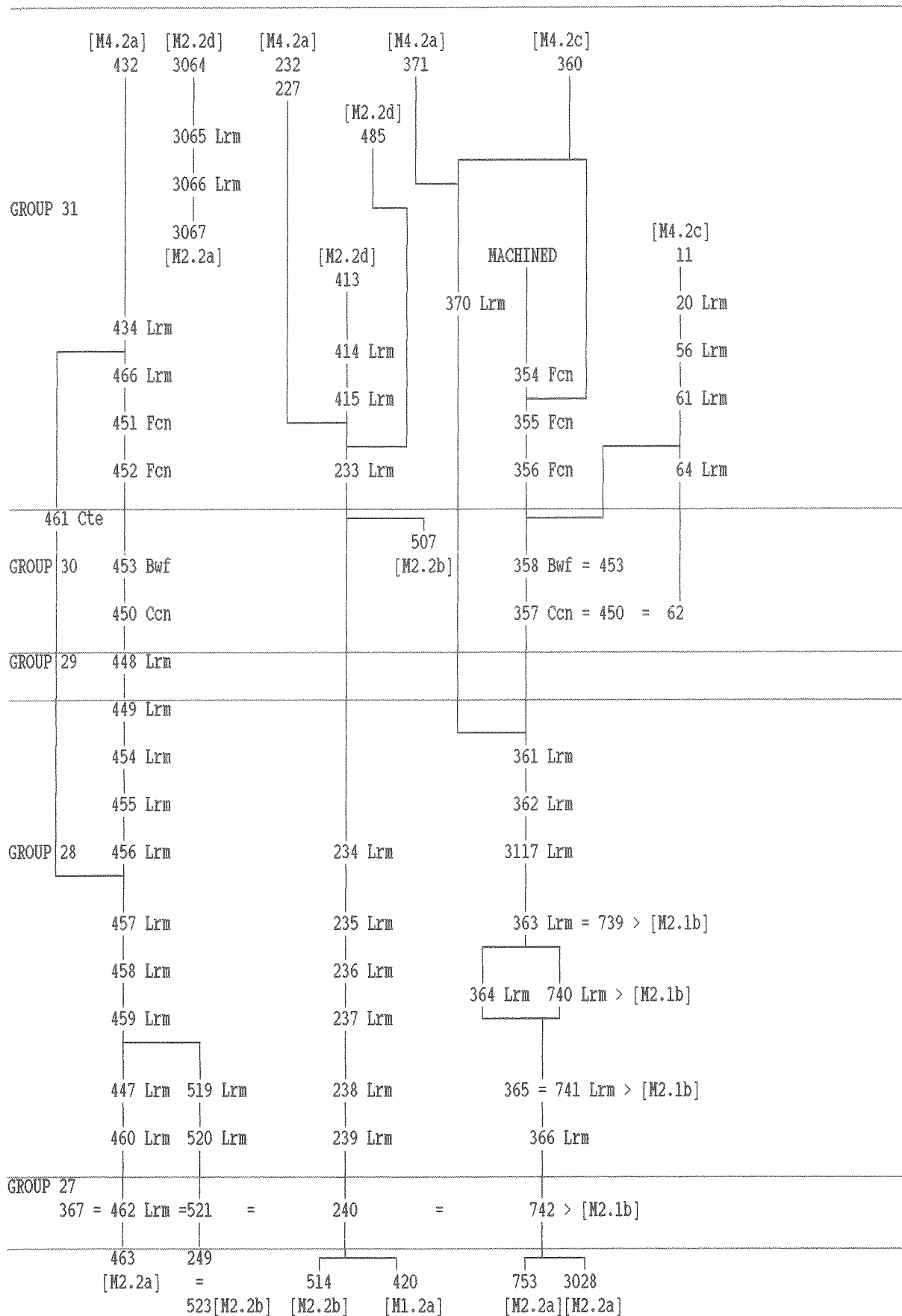
GROUP 22



MATRIX 2.2b AREA 2



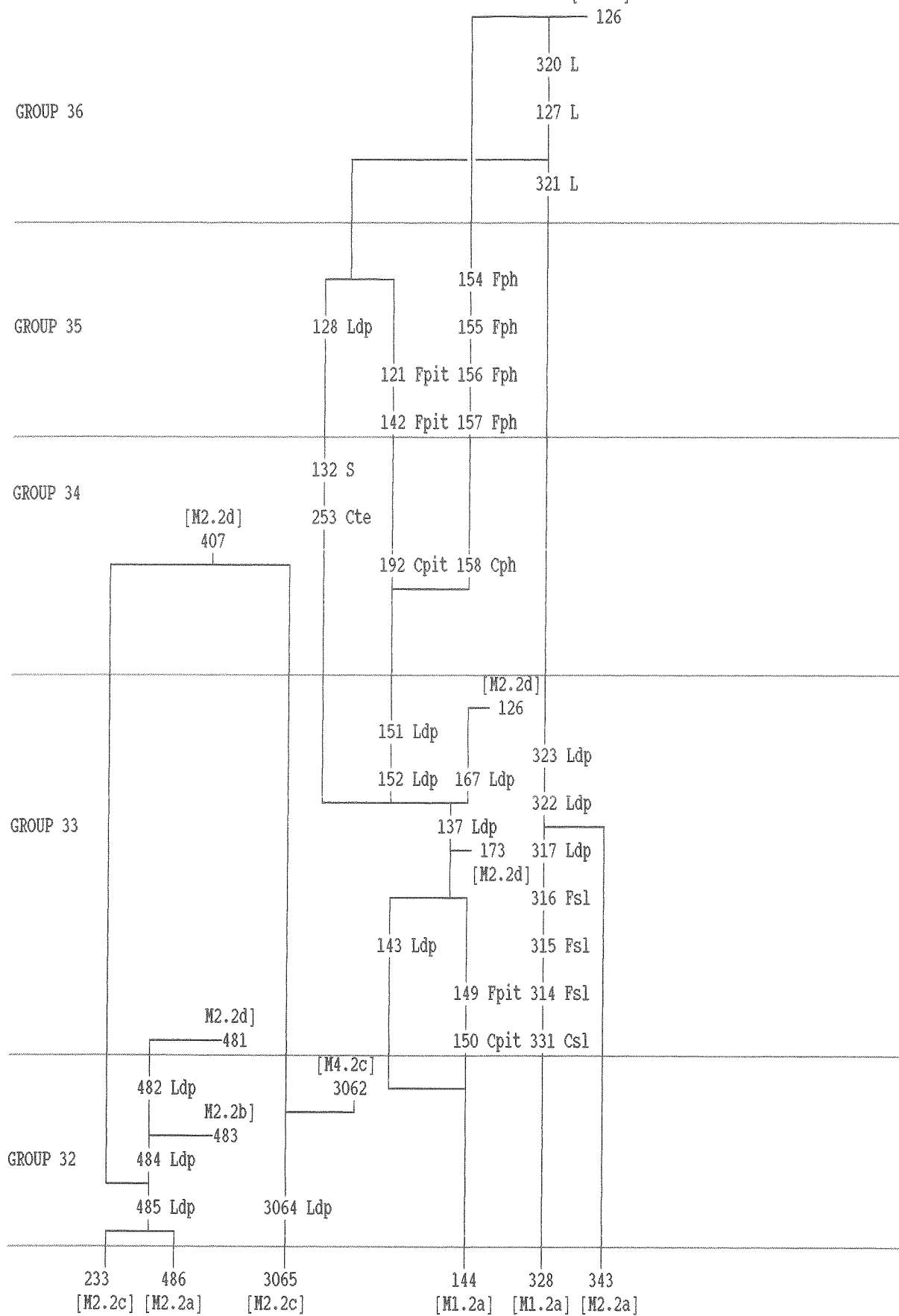
MATRIX 2.2c AREA 2





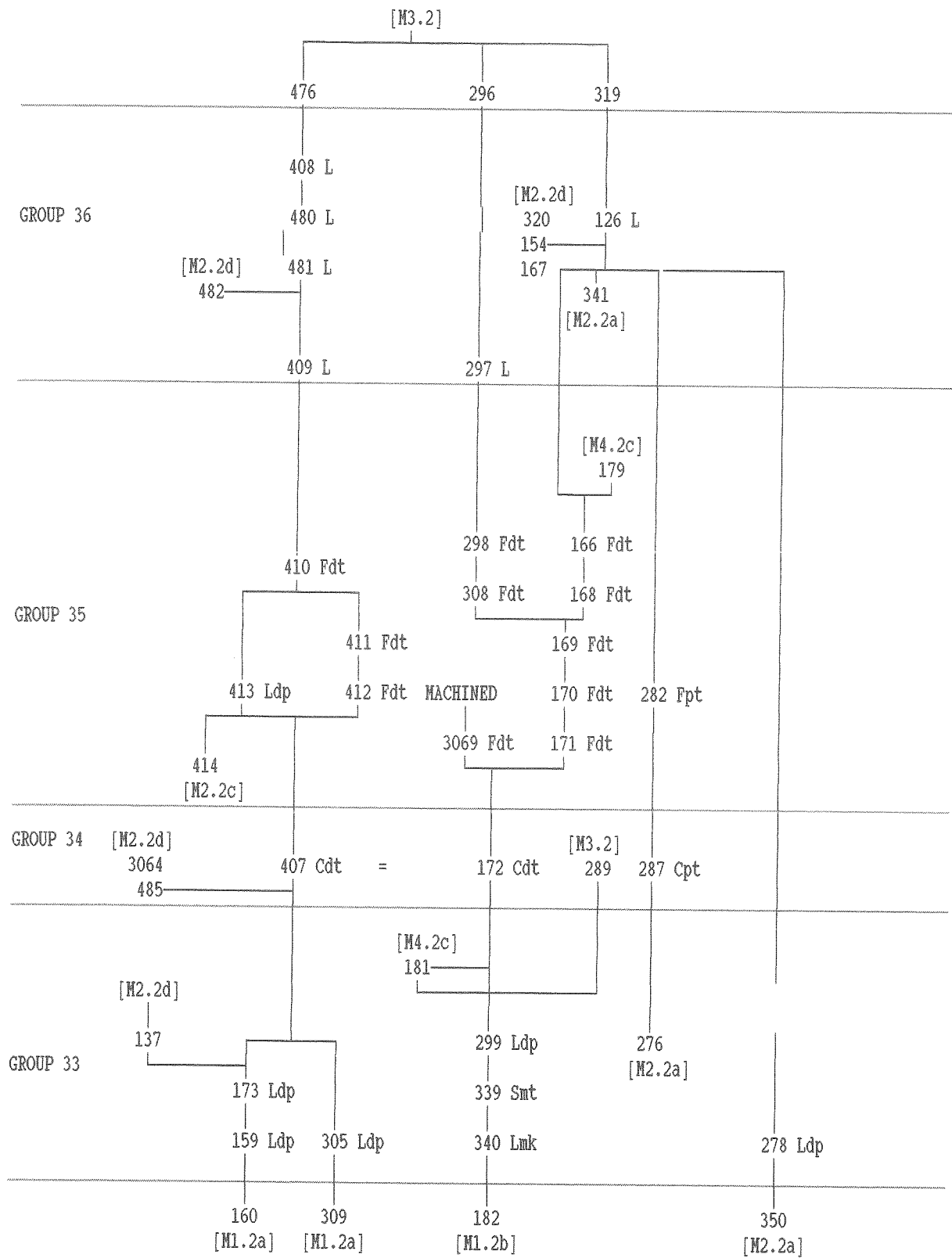
MATRIX 2.2d AREA 2

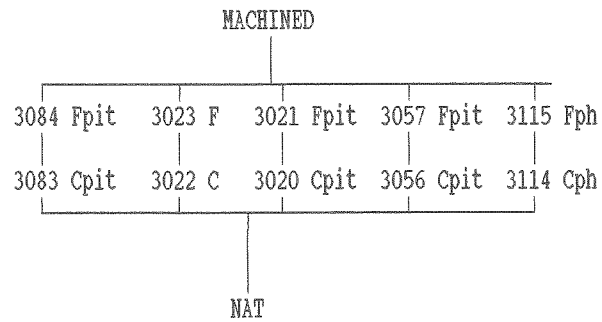
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[M2.2d]



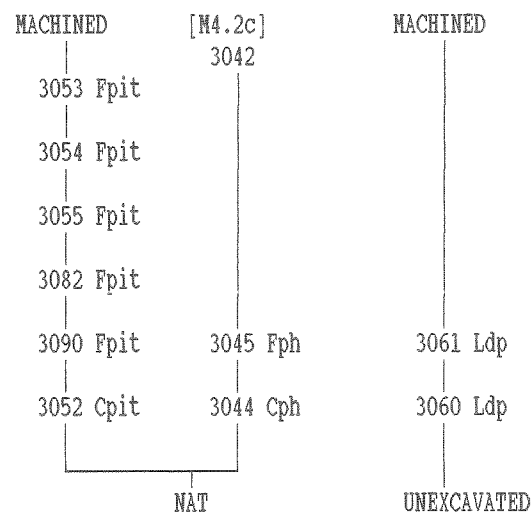
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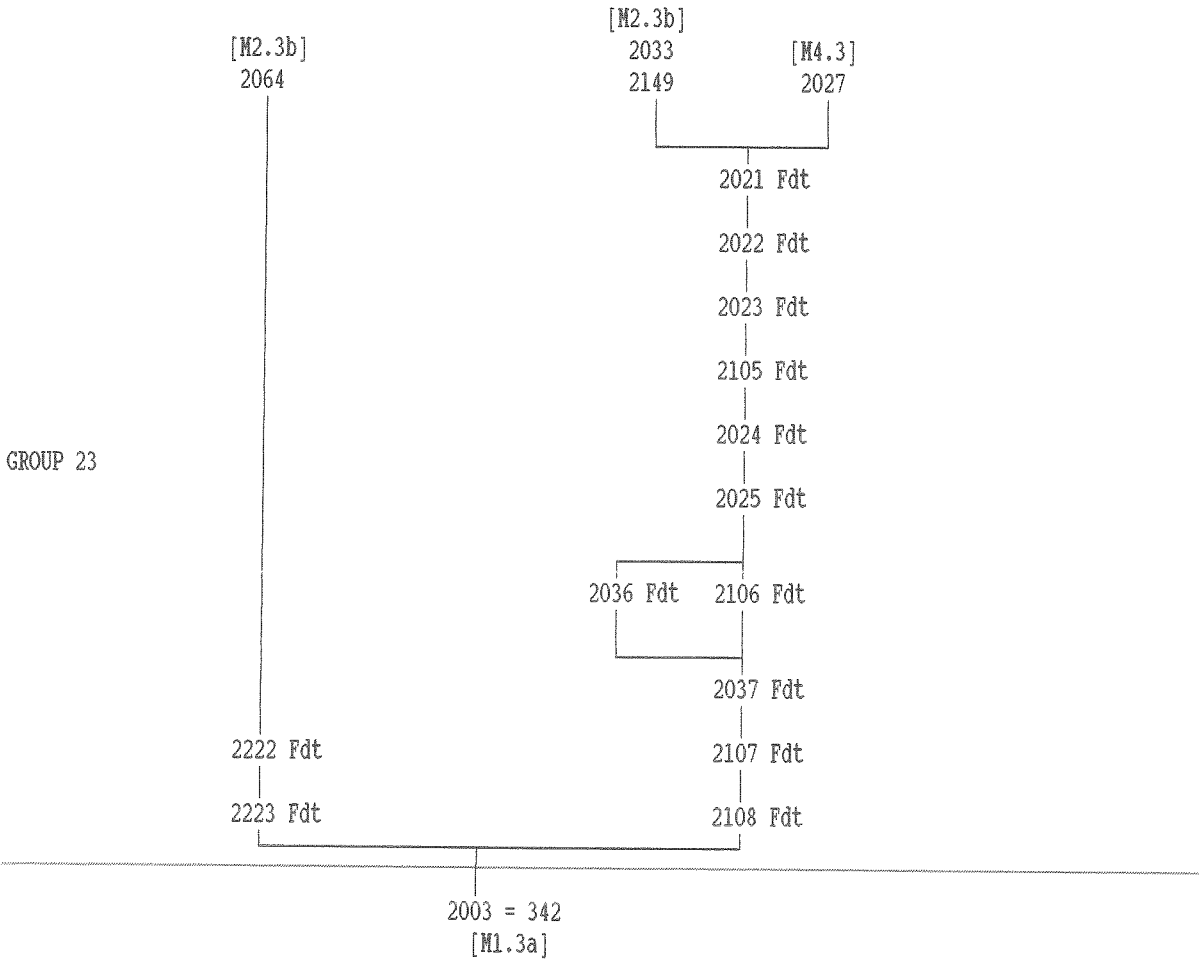
MATRIX 2.2d AREA 2





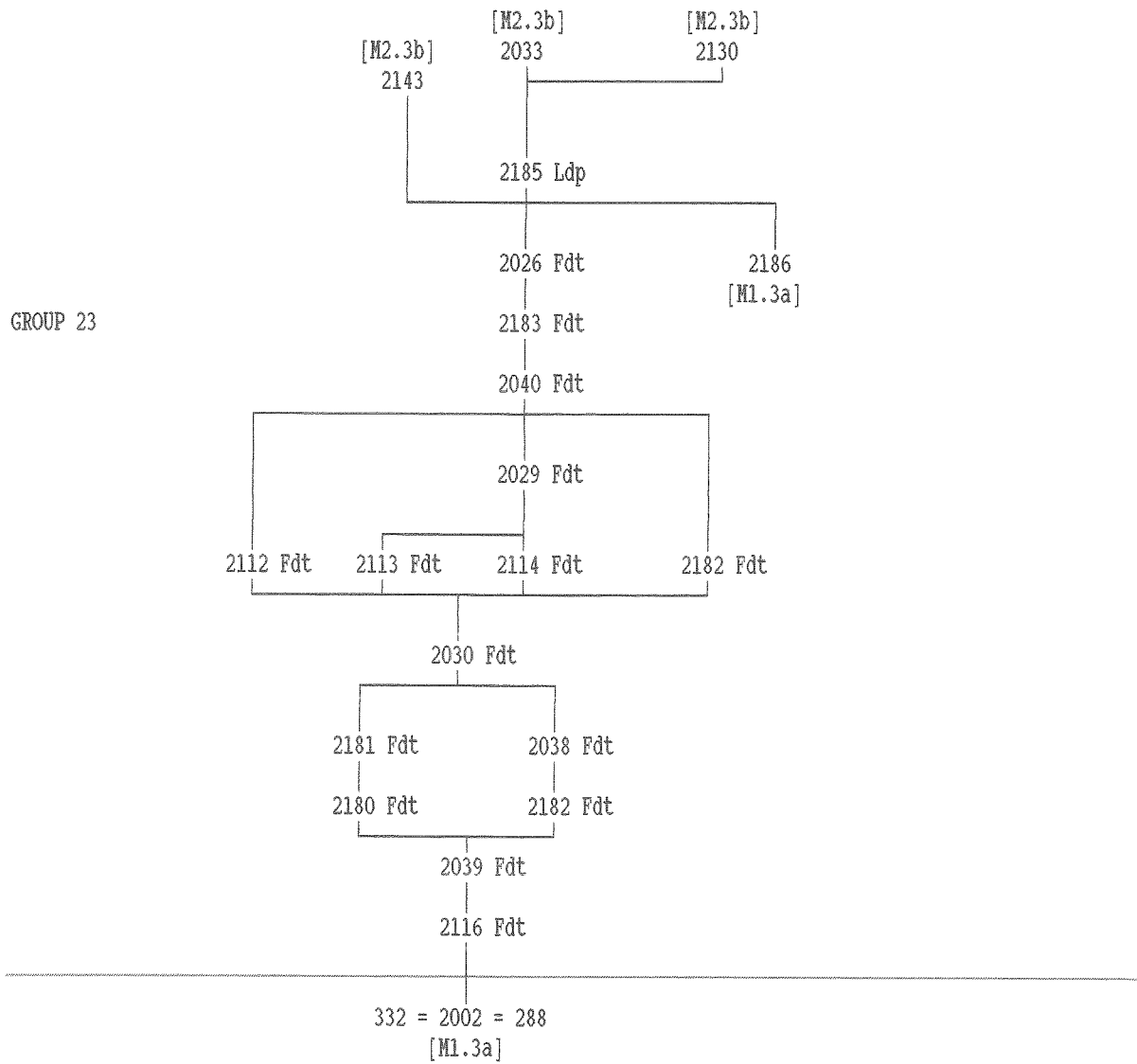
GROUP 37

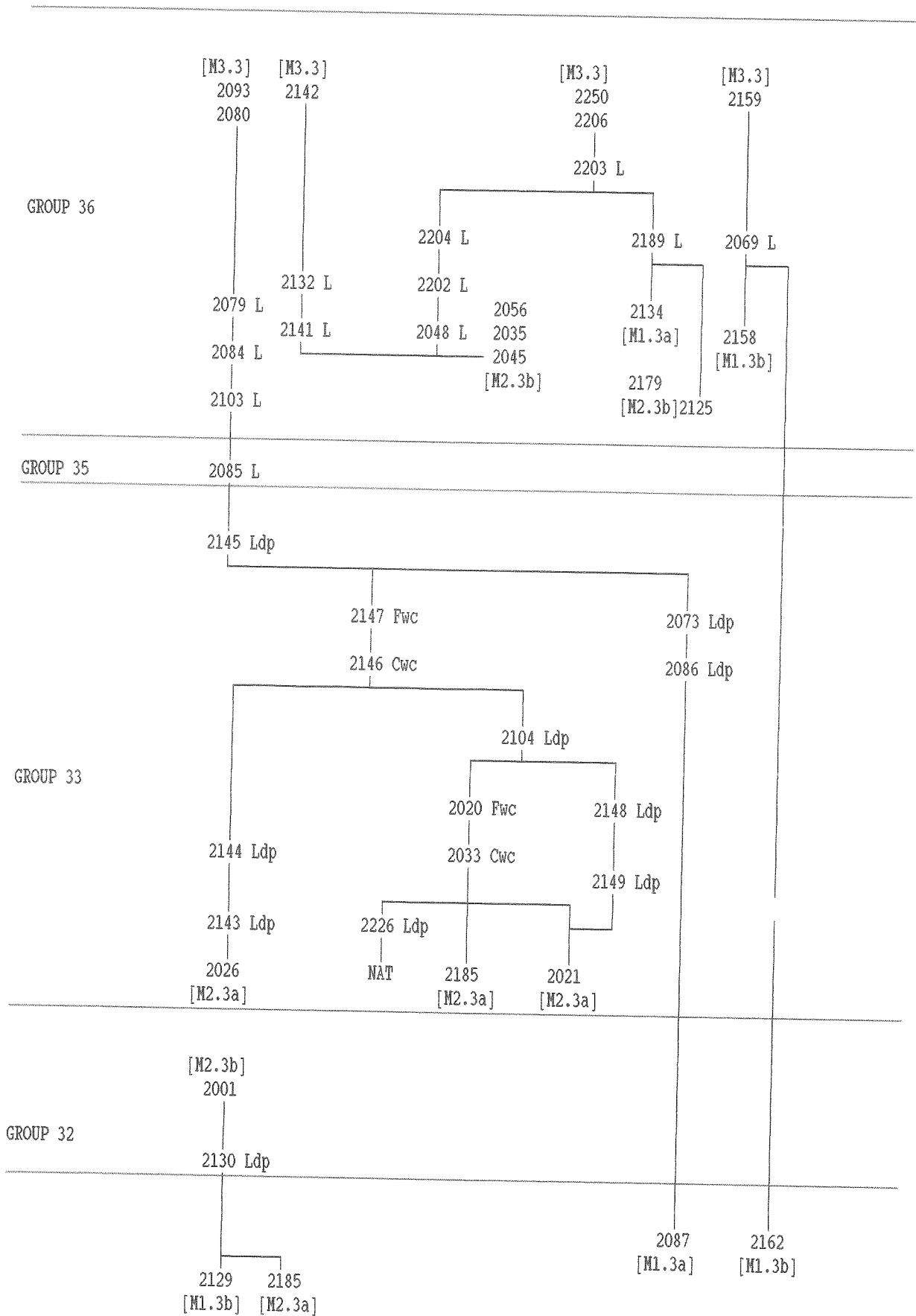




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MATRIX 2.3a AREA 3





## GROUP 35

[M2.3b]  
 2141  
 2048      2035 Fwc      2045 L

## GROUP 34

2001 Cwc  
 2130  
 [M2.3b]

## GROUP 33

2195 Ldp      2056 Fwc      2179 Fpit  
                  2057 Fwc      2178 Cpit  
                  2058 Fwc  
                  2059 Fwc  
                  2230 Cwc  
                  2060 Fwc  
                  2229 Cwc      2046 Ldp  
                  2047 Ldp  
                  2049 Ldp  
                  2050 Ldp      2063 Fwc  
                  2061 Ldp      2062 Ldp  
                  2053 Ldp      2052 Fwc      2065 Fwc  
                  2054 Ldp      2051 Cwc      2064 Cwc

2175  
 [M1.3b]

NAT

NAT

2222  
 [M2.3a]

2005  
 [M1.3b]

#### **Group 22**

The post-military pre-rampart soils which these contexts represent (Generic No. 3201) are seen as having accumulated between the desertion of the military establishment circa AD70 and the construction of the first Civil rampart in the late 2nd century. Of a fairly uniform nature, the soils were found extensively throughout the eastern area of the site. No evidence of cultivation was found.

Contains contexts: 202, 251, 463, 753, 805, 3028, 3067, 3096, 3201.

#### **Group 23**

Ditches 2002 and 2003 (amalgam ditch 501) remained open to the end of the military period. The lower fills are very gravelly and waterworn in nature, implying a marked natural infilling, prior to the dumping of the bulk of the material.

Contains contexts: 276, 277, 279, 283, 311-12, 318, 333-38, 341, 343-53, 385-89, 486-500, 502-3, 2021-26, 2029-30, 2036-40, 2105-08, 2112-16, 2180-83, 2185, 2222-23, 3203.

#### **Group 24**

This group contains a variety of features which although having no stratigraphic relationships between themselves are known to fall between the post-military soils and the construction of the later rampart.

The fills of ditch 754 (911), being predominantly coarse gravels, are markedly different from any other non-watercourse ditch investigated. Apart from following a parallel course to a possible building slot (821), of the same approximate period, this ditch would appear to stand in isolation from any contemporary feature.

Post trenches 821, 968 and 112 in Area 1 and 3046 and 248 in Area 2 suggest a phase of limited post-military settlement.

Contains contexts: 111-12, 248-9, 514, 522-23, 754-55, 757-8, 760, 767, 796-7, 799-801, 821, 906, 911, 968, 3046-7, 3202.

#### **Group 25**

Within this group is evidence of further activity prior to the construction of the Civil rampart. Whether this is contemporary with activity in group 24 is unknown. Contexts 483, 504, 509 & 416 are all layers of the same soil development.

In Area 1 to the north of the site, significant terracing was noted, represented by cuts 707, 766 and 960. The purpose of this terracing is unknown.

Contains contexts: 416, 483, 504, 506-09, 704-07, 765-6, 768-9, 904-05, 912, 960, 3204.

#### **Group 26**

These layers of very mixed material (Generic No. 3205), found only in the north of Area 1, form the primary deposit of the Civil rampart.

Contains contexts: 771, 774, 822-28, 831, 3205.

#### **Group 27**

The layers in this group (Generic No. 3206) form a single phase of activity: the construction of the principal base layer of the primary rampart. Composed of crushed sandstone this material would have been dug nearby as it forms the upper stratum of natural in the immediate vicinity.

Contains contexts:

#### **Group 28**

These layers (Generic No. 3207) comprise the main body of the primary rampart, derived from the largely alluvial material of the lower slopes. The rampart has been extensively disturbed by later activity though the full extent can be seen on sections 40, 60 and 15. This rampart represents the re-occupation of this area during the extension of the limits of the post-military town of Exeter.

Contains contexts: 63, 69, 75-80, 234-39, 361-66, 447, 448, 454-60, 519-20, 703, 708, 711-13, 727, 733-41, 746, 761, 762, 770, 775-77, 820, 829-30, 832-33, 841, 3117, 3207.

#### **Group 29**

Contexts 73 and 448 are both upper layers of primary rampart which have been disturbed during the remodelling of the rampart during the early third century.

Contains contexts: 73, 7, 448, 975-76, 3208.

#### **Group 30**

The city wall construction cut through and supersedes the primary rampart. The wall footings are of herringbone construction and display a marked step out in the southern half of their exposed length.

Contains contexts: 62, 74, 81, 357-58, 450, 453, 461, 824-25, 3209, 3219.

#### **Group 31**

This group contains all contexts relating to the secondary civil rampart, covering the city wall footings of group 20. The layers are noticeably dirtier and more mixed than those of the earlier rampart, suggesting that they were the result of the disturbance and remodelling of primary rampart material. The full extent was only observed in one section (section 15) where it extended for approximately 23m, 3.80m further than the primary rampart.

Contains contexts: 20, 51, 56, 61, 64, 71-72, 200-01, 233, 354-56, 370, 414-15, 434, 451-52, 466, 977, 3065-66, 3210.



#### **Group 32**

Substantial patches of crushed volcanic trap debris were found to overlie secondary rampart material in Area 2 (482, 483, 484) while further similar material (2130, 2162) was seen near the base of the Coombe valley at the city wall/rampart horizon. This most probably represents waste material from the construction of the city wall.  
Contains contexts: 482, 484-5, 2130, 3064, 3211.

#### **Group 33**

This group contains contexts which although not precisely datable are known to fall between the end of the Military period and the beginning of the Civil Roman occupation.

In Area 2 a band of colluvial layers maintained a fairly constant depth. It ran downhill towards the Coombe valley, though due to later terracing the full extent of this material could not be ascertained. Surface 339 was poorly preserved, seen only in section, and has no relationship with any other feature.

In Area 3, the bulk of these probably washed layers had accumulated within the base of the Coombe valley, while cuts 2146, 2147, 2051, 2229, 2230, 2064 and 2178 appear to be natural watercourses.

Contains contexts: 137, 243, 249-52, 159, 173, 278, 299, 305, 308, 314-7, 322-3, 331, 339-40, 2020, 2033, 2046-7, 2049-54, 2056-65, 2073, 2086, 2104, 2144-9, 2178-9, 2195, 2226, 2229-30, 3212.

#### **Group 34**

This group contains features of the Civil Roman occupation phase although they share no direct stratigraphic relationships.

Significantly, 407/172, a north-south aligned ditch, ran almost at right angles to ditch 930 (group 37). Both ditch butt ends were found, the distance between them being 12.5m. 930 cannot definitely be linked to this phase although its alignment suggests that together with 407/172 it may form a boundary/field division. 158 and 192 have only been seen in section, hence their nature and orientation is unclear.

Similarly surface 132 was only seen in section for a total length of 2.5m and although accommodated within cut 253 little else can be said regarding its extent or function. For the same reason a definite relationship cannot be confirmed between surface 132 and post-trench 287.

Contains contexts: 132, 158, 172, 192, 253, 387, 407, 2001, 3213.

#### **Group 35**

These contexts are largely the fills of features within group 34. Layers 2045 and 2085 however contain a high proportion of plaster, pointing to the presence of a later Roman building in the immediate vicinity. Much of this material has been removed by later terracing.

Contains contexts: 128, 141-2, 154-7, 166-71, 282, 298, 410-13, 2035, 2045, 2085, 3069.

#### **Group 36**

These layers together form a considerable band of late Roman soil. Not found in Area 1, due largely to machining of the site as well as substantial terracing, this soil extends throughout Areas 2 and 3, attaining a maximum depth, slightly east of the base of the Coombe valley, of 1.50m. Westwards of this point the soil has been subjected to major disturbance by terracing.

Contains contexts: 126-7, 297, 320-21, 408-9, 480-1, 2048, 2069, 2079, 2084, 2103, 2132, 2141, 2189, 2202-4, 3214.

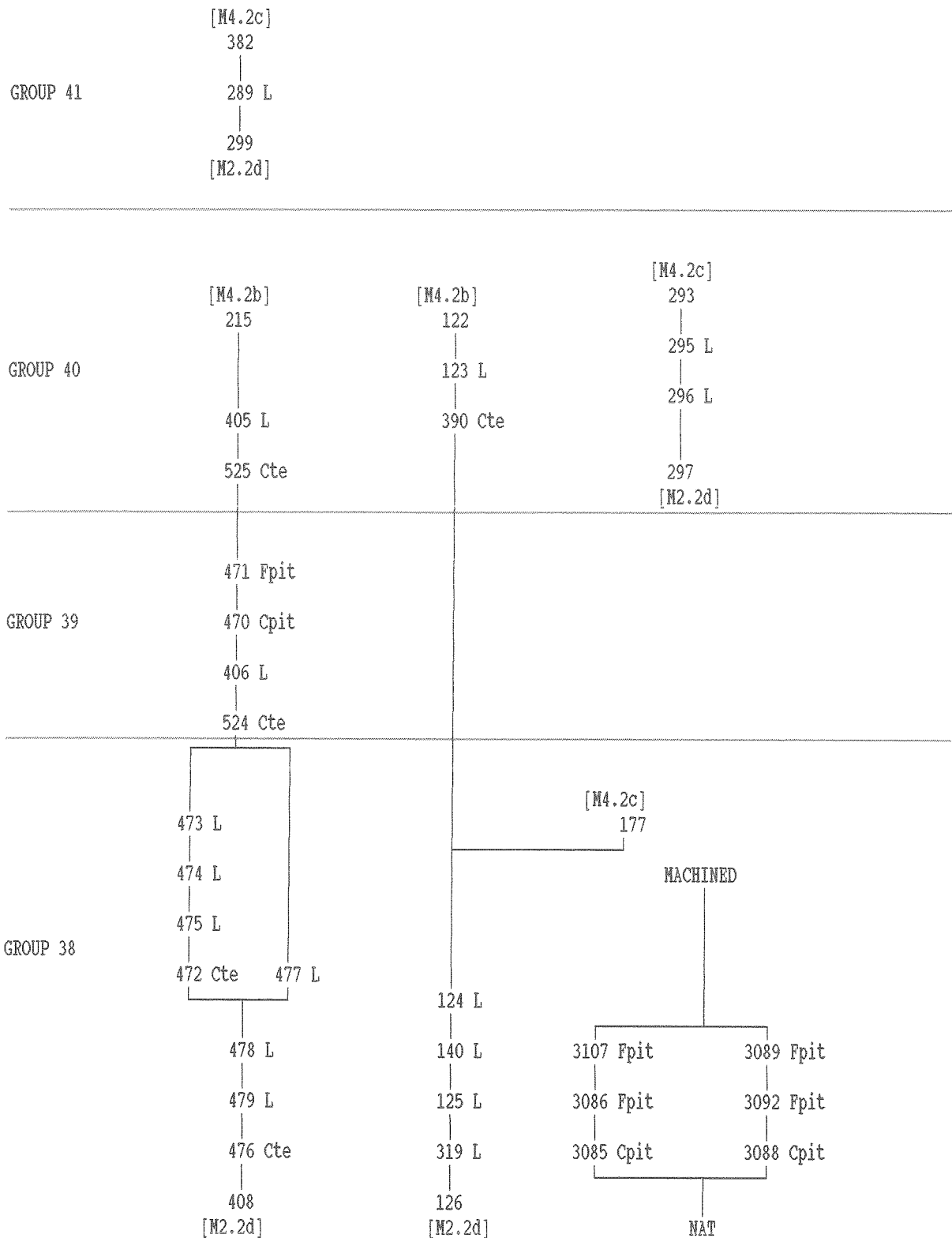
#### **Group 37**

This group contains contexts predominantly cuts and fills which, due principally to extensive machining, have very few stratigraphic relationships. Consequently all that can be said about them with any degree of certainty is that they fall somewhere within the Roman period. In Area 1, ditch 930 aligns well with ditch 172/407 (see Group 34 discussion) and obviously the placing of these features together would have consequences for the relative phasing of later cuts 931, 932 and 948. Cuts 940, 946, 951 and 670 have all been so heavily truncated by post-medieval activity that very little of their original form remains.

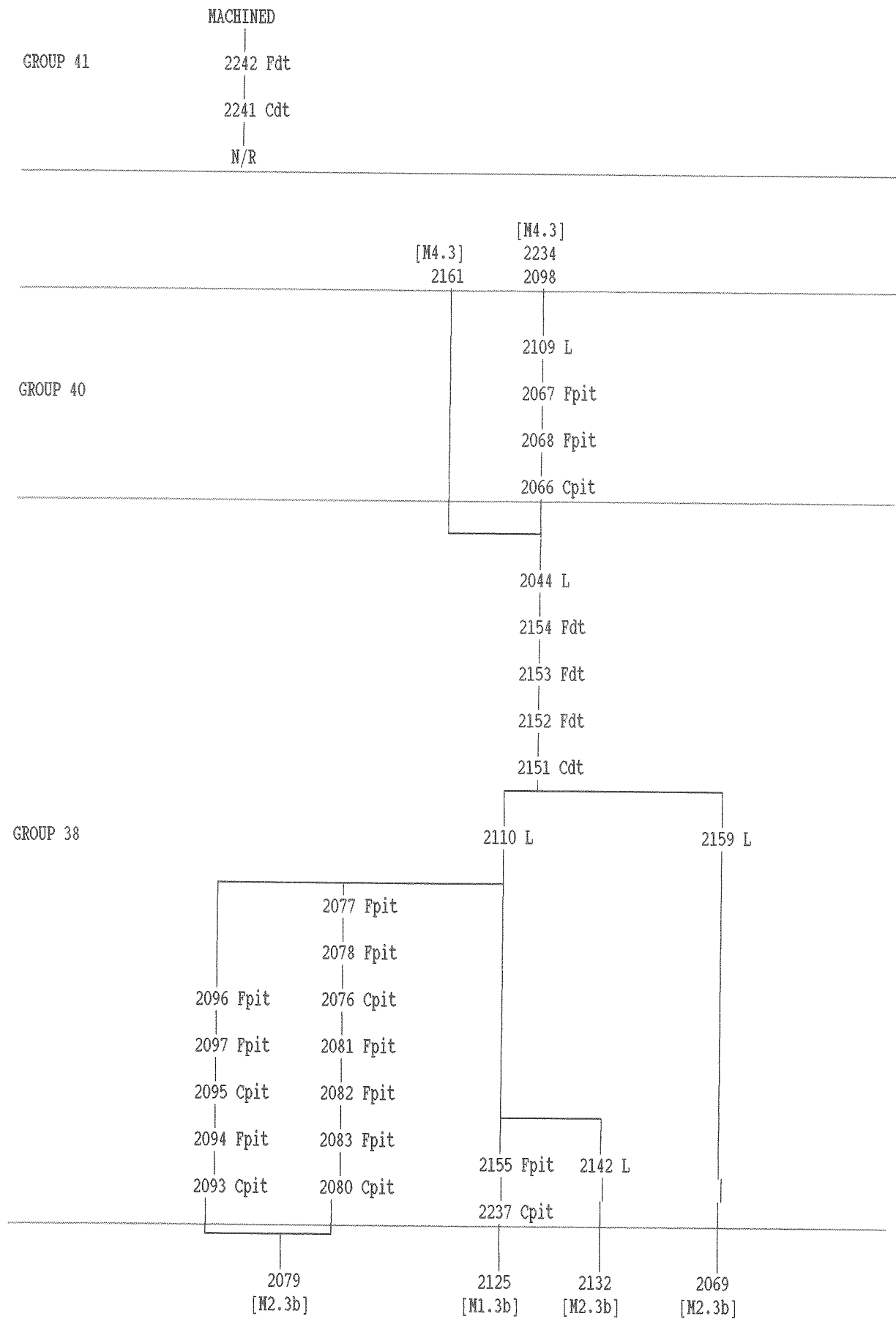
Amongst the features in Area 2 are two pits, 3056 and 3052. Similar in form and lying close together they are most probably associated. No post pipes were found and their function remains unclear.

Contains contexts: 618, 620, 622-3, 631, 667-70, 929-32, 934, 936-51, 3020-23, 3044-45, 3052-57, 3060-61, 3082-84, 3090, 3114-5.

MATRIX 3.2 AREA 2

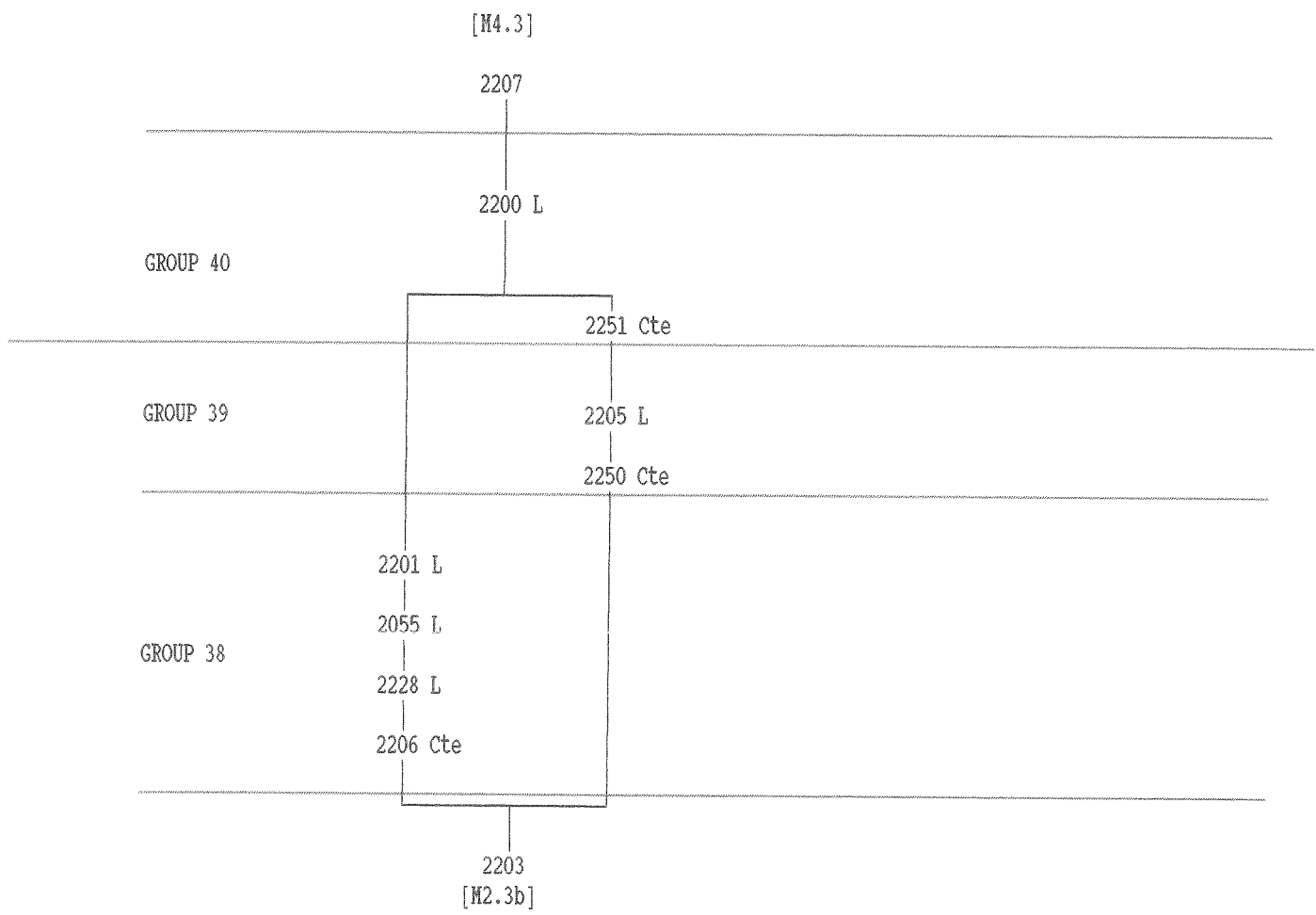


MATRIX 3.3a AREA 3 Contd >



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MATRIX 3.3 AREA 3



**Group 38**

The contexts in this group consist of various unassociated features, pits and ditches, but predominantly ploughsoil layers of the early medieval period (C10 to C12). As all the features were investigated solely in section, their extent, nature and orientation cannot be determined with any accuracy. The soil can however be traced throughout Areas 2 and 3. (No medieval soils survived in Area 1 due to extensive machining to Roman levels.)

In Area 2 this material has been terraced deep into the underlying late Roman soil of Group 36, viz. ploughmarks 476 and 472, and gradually becomes deeper as it runs downhill towards the Coombe valley. Average depth increases westwards from 0.40m to 0.80m.

With the exception of minor disturbances these soil layers run continuously throughout Area 3 with an average depth of 0.40-0.60m, attaining a maximum of 0.60m within major terrace cut 2206. In this area the soil has again been terraced into the late Roman soil of group 36.

Contains contexts: 124-5, 140, 319, 472-9, 2044, 2055, 2076-8, 2080-83, 2093-7, 2110, 2142-3, 2151-55, 2159, 2201, 2206, 2228, 2237, 3085-86, 3088-89, 3092, 3107, 3215.

**Group 39**

This group contains a further band of medieval ploughsoil, dated approximately to the early C13. This material is substantially thinner than the earlier soil of group 38 yet can still be traced as a horizon from Areas 2 to 3. machining to Roman levels during the course of excavation removed all medieval soils from Area 1. Where seen in Area 2 (406 within terrace 524) the soil maintained a fairly uniform depth of 0.10-0.15m, increasing to 0.50m in Area 3, where it also occupied a significant terrace cut (2250).

Contains contexts: 406, 470-71, 524, 2205, 2250, 3216.

**Group 40**

This group contains layers and their terrace cuts which form the third and latest medieval soil horizon, garden soil dated to the late C13 and early C14. In Area 2 the soil maintains a fairly uniform depth of approximately 0.50m increasing to a maximum of 1.0m in the base of the Coombe valley in Area 3.

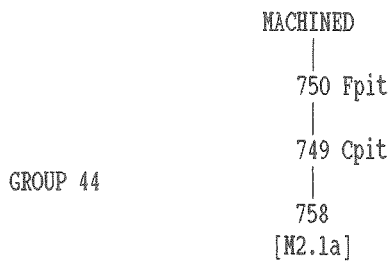
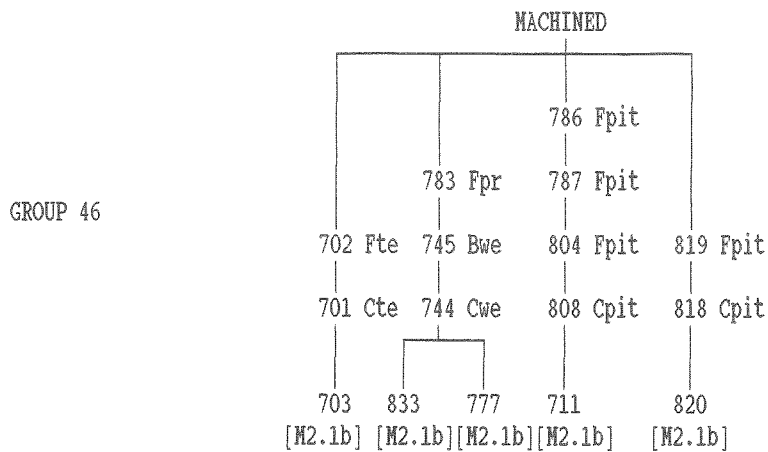
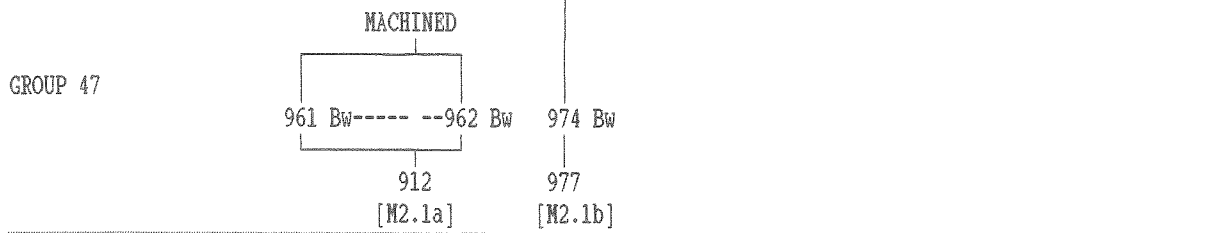
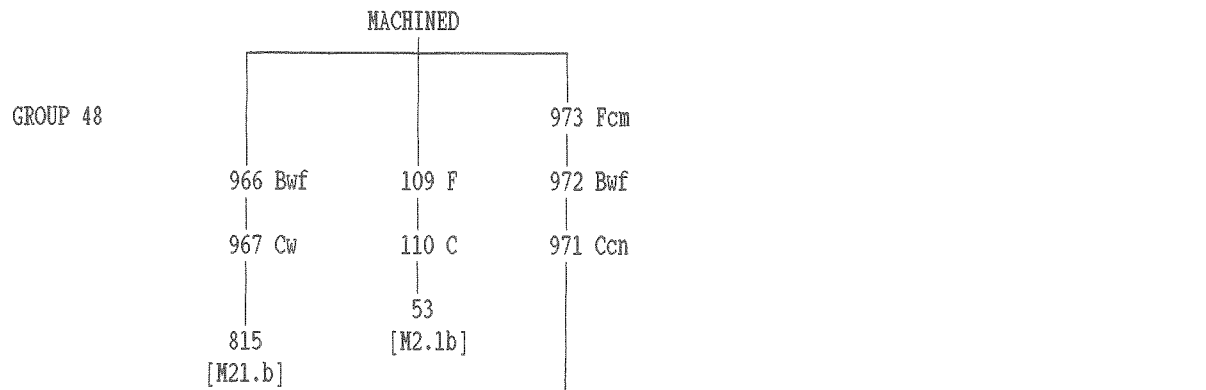
Contains contexts: 123, 295-6, 390, 405, 525, 2066-68, 2109, 2200, 2251, 3217.

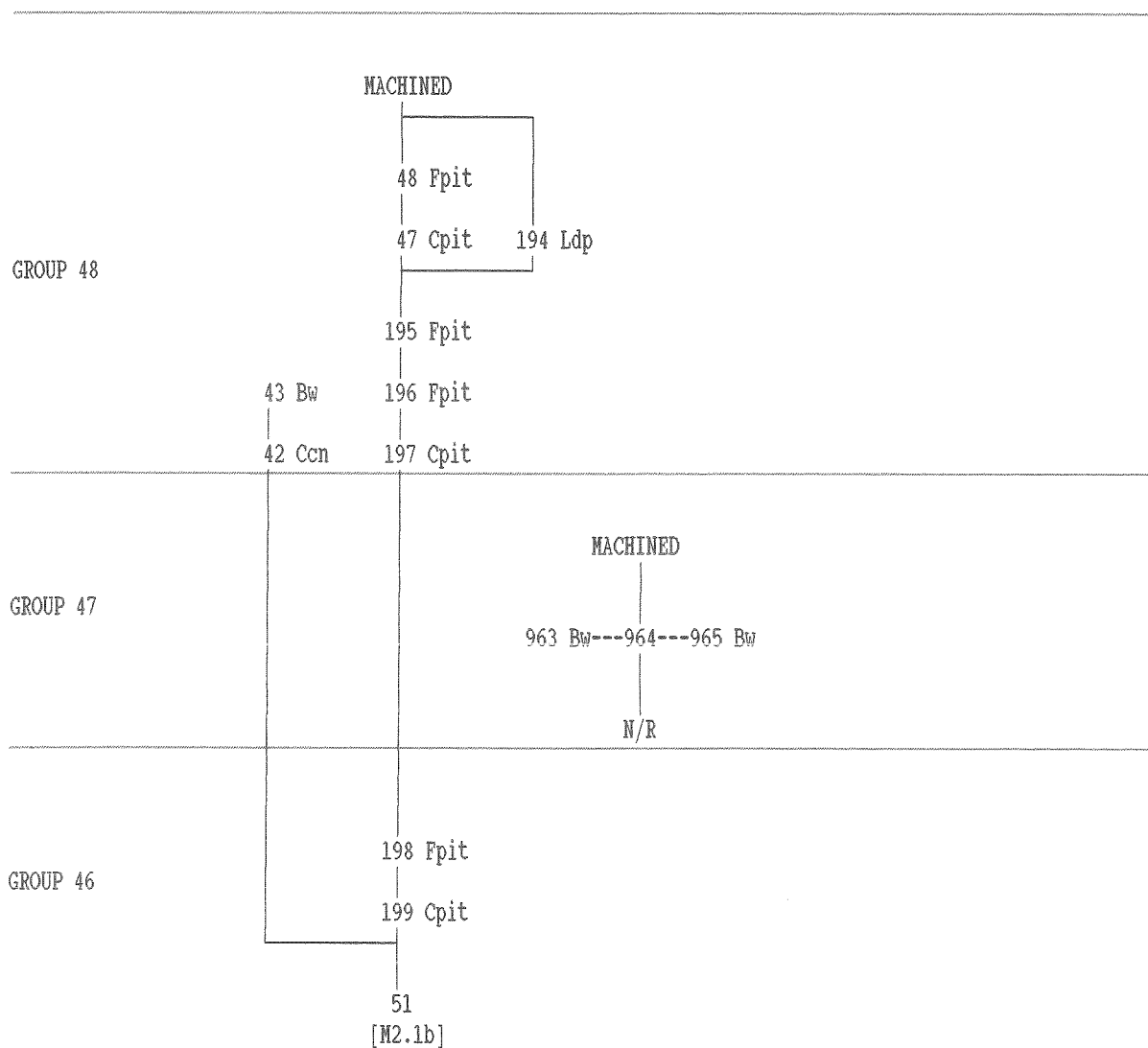
**Group 41**

This layer, although known to be medieval, has no stratigraphic relationship with any other medieval soil and thus cannot be grouped in any of the fairly firmly dated groups 38-40.

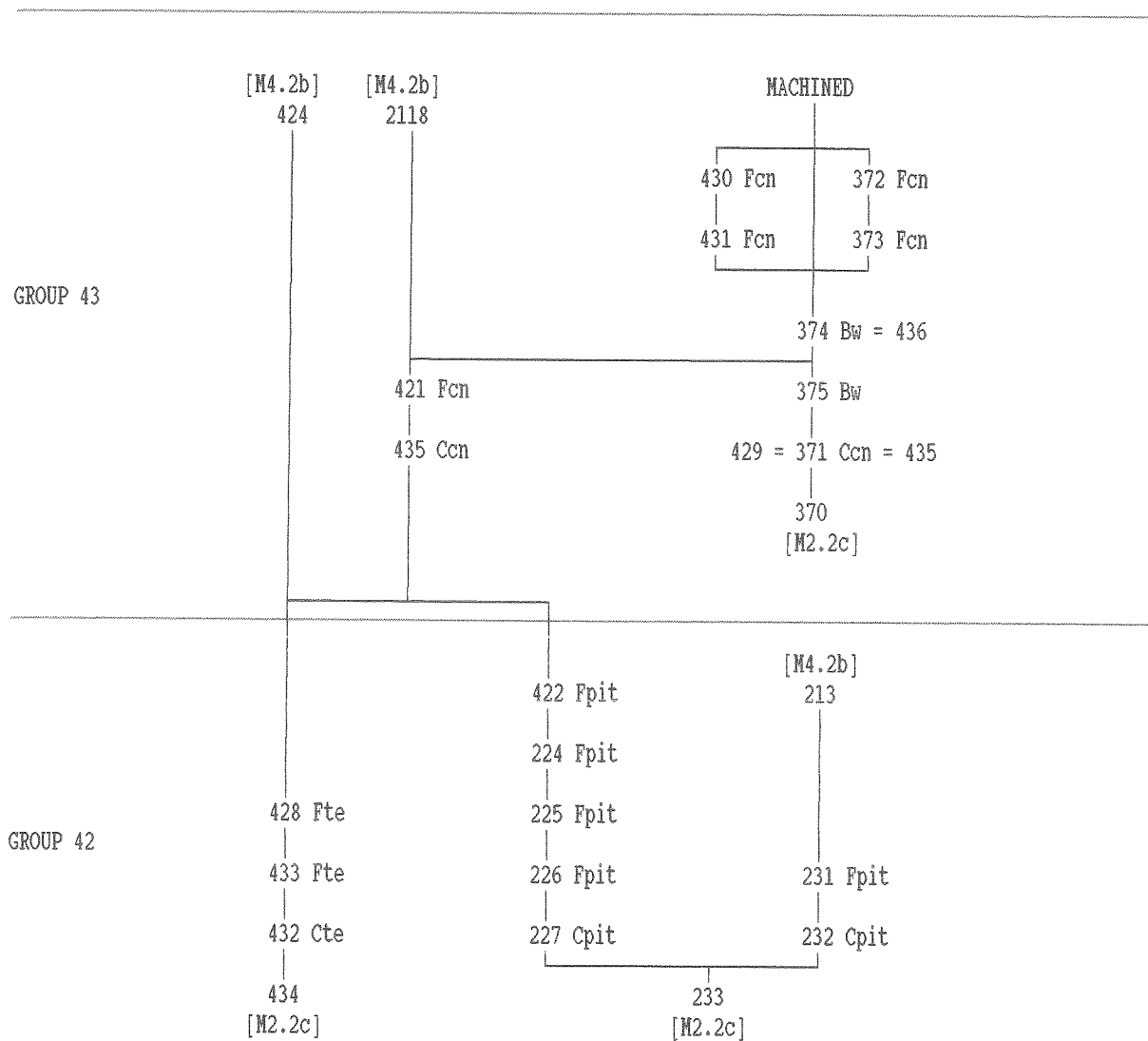
Contains contexts: 289, 2241-42.

MATRIX 4.1 AREA 1 Contd >

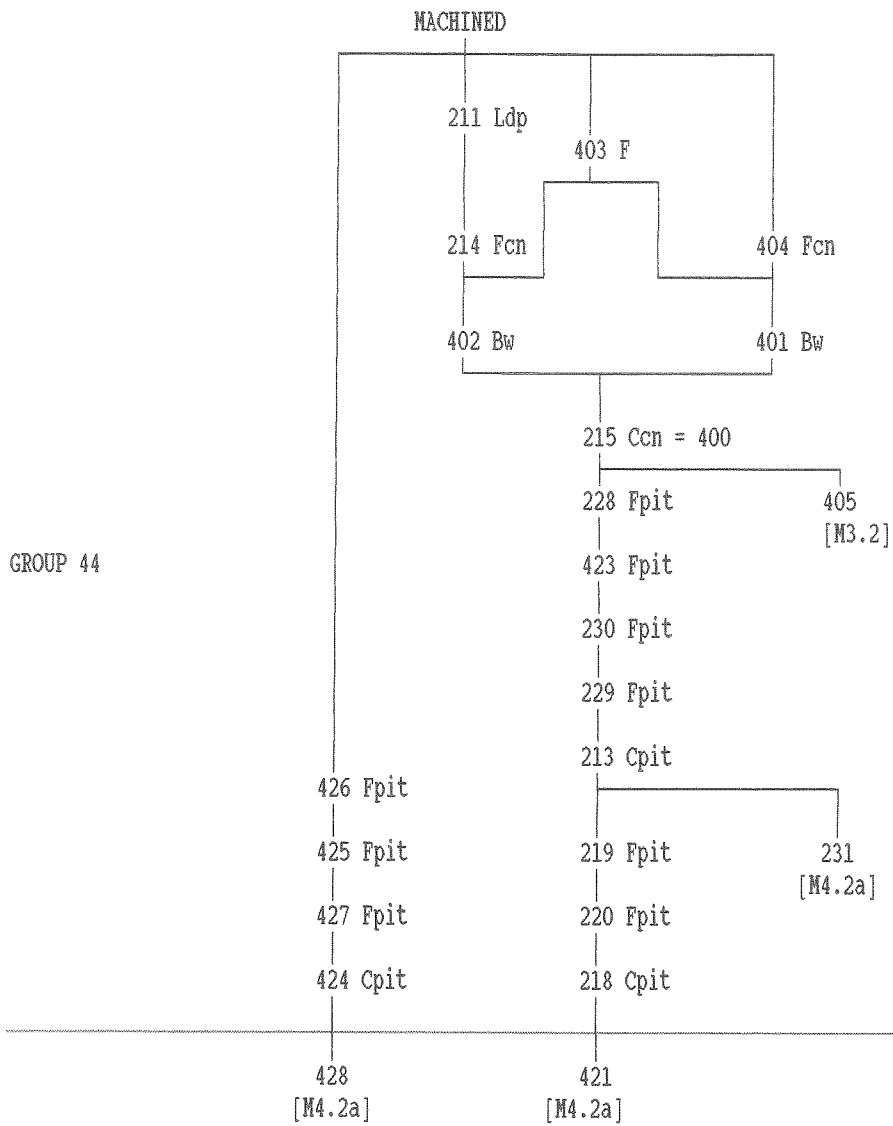
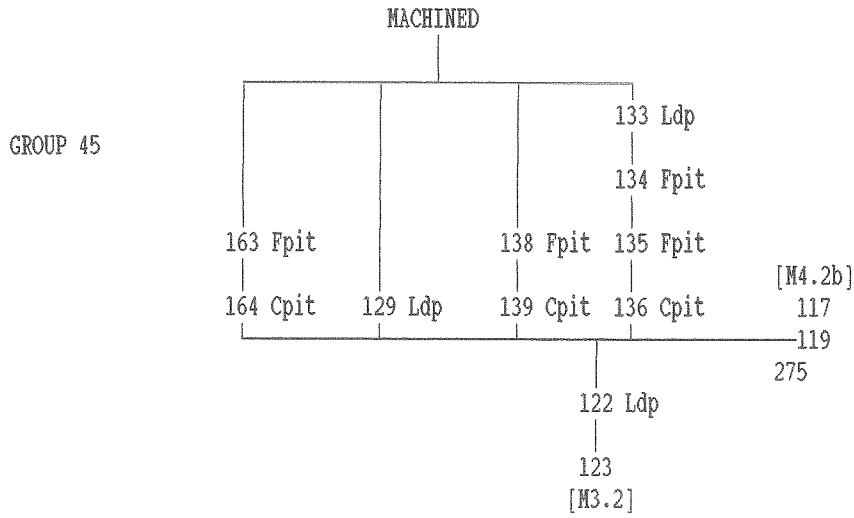




MATRIX 4.2a AREA 2

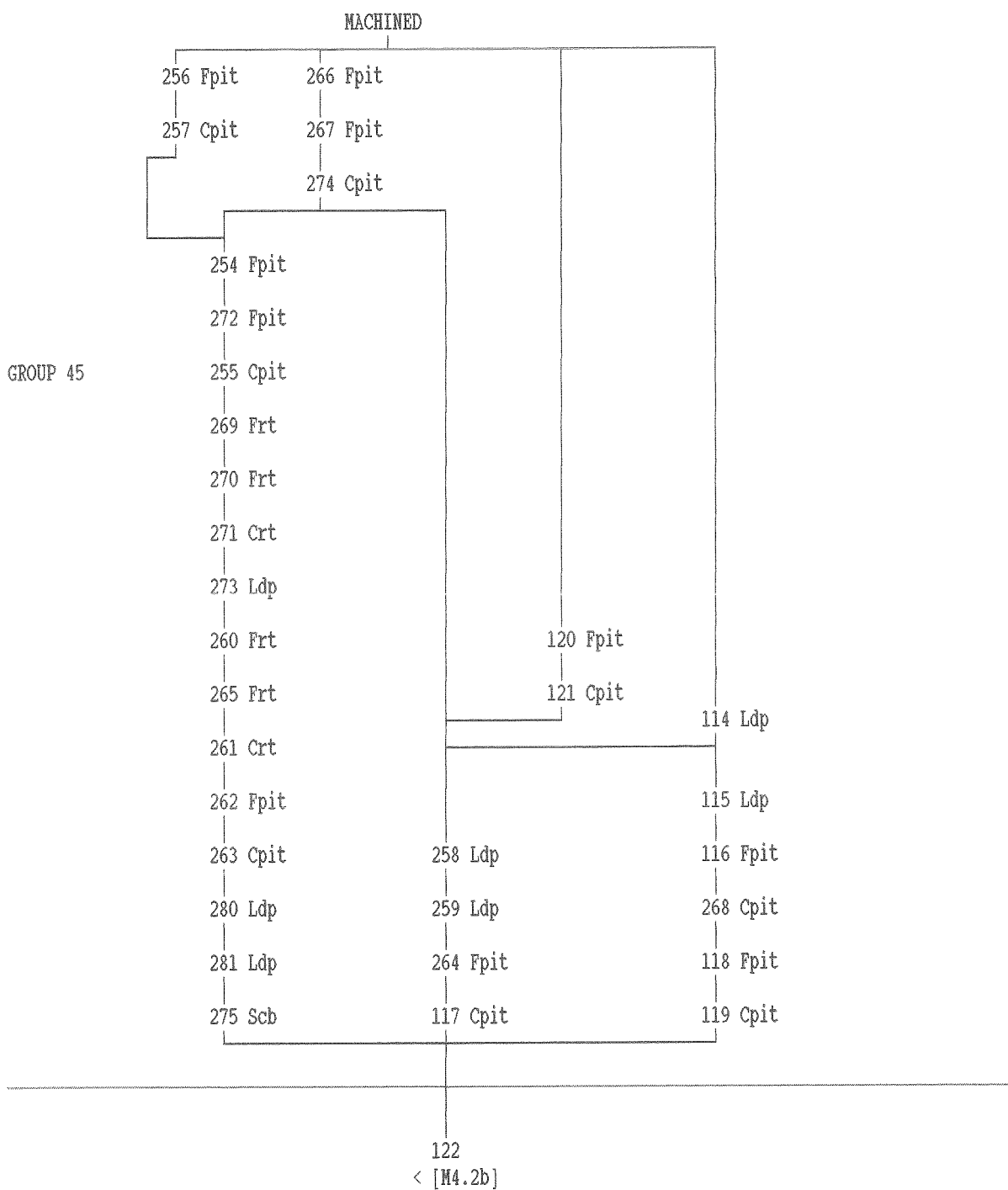


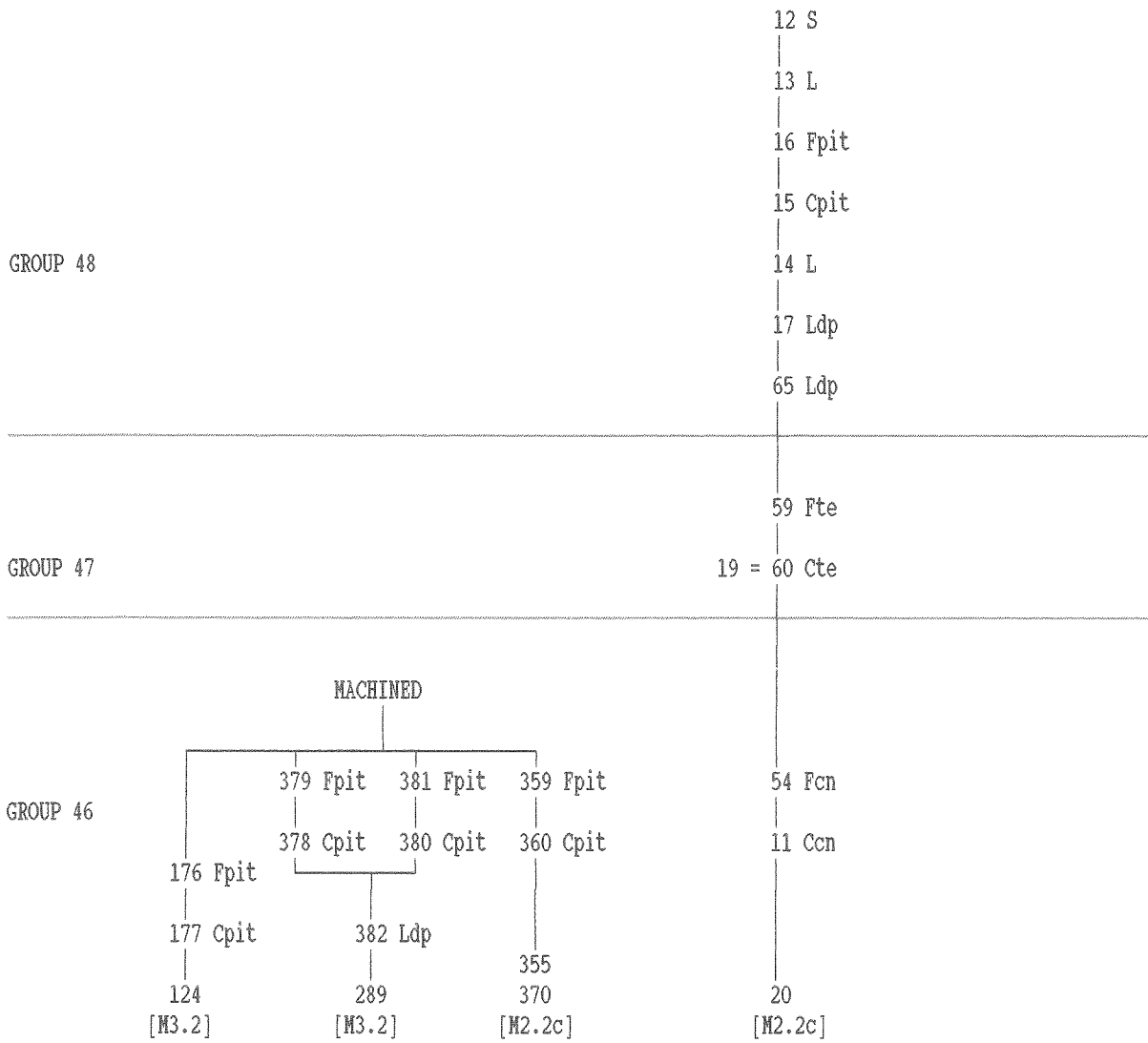




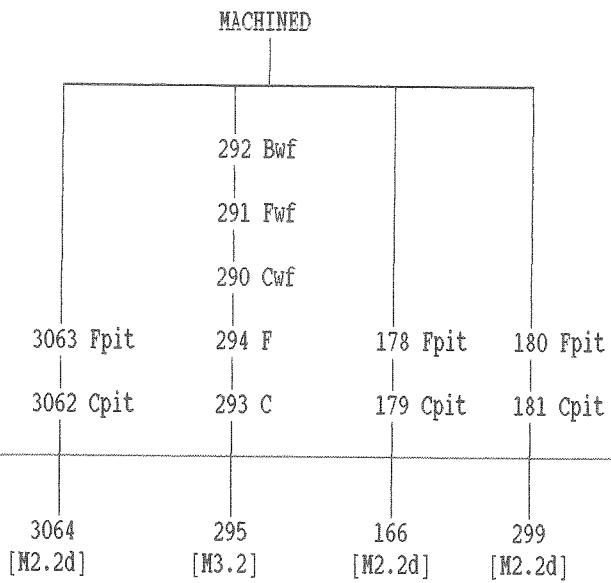
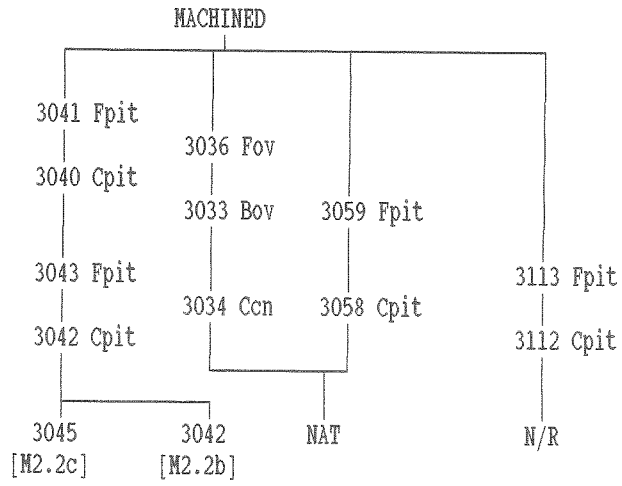
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MATRIX 4.2b AREA 2

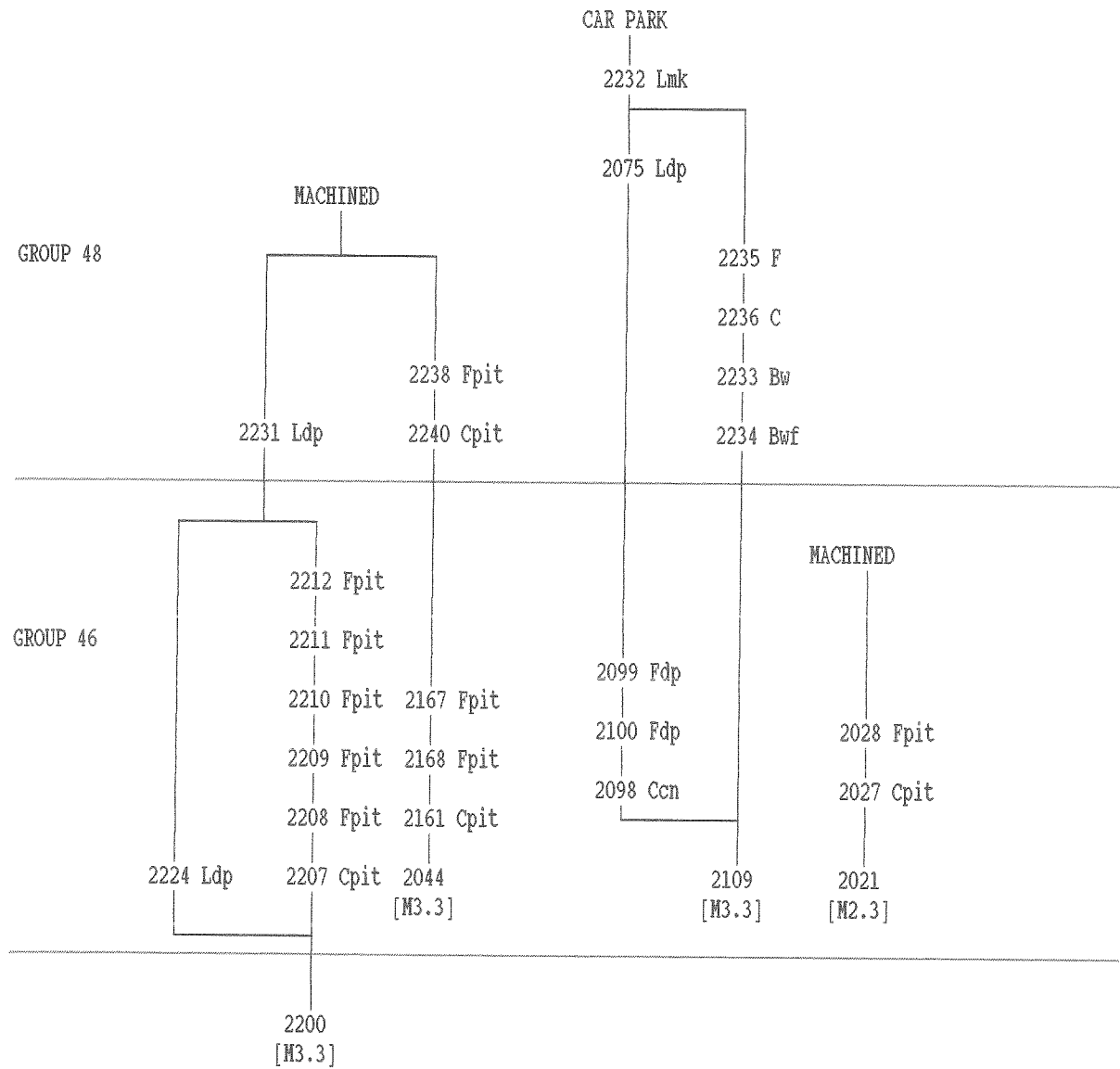




< Contd      MATRIX 4.2C AREA 2



# MATRIX 4.3 AREA 3



**Group 42**

Contained within this group are the earliest post-medieval cuts and fills, all of which are to be found in Area 2. 432, cutting from east to west, would appear to have removed a considerable amount of secondary rampart (group 31). Later terracing has removed the western side of this feature, if indeed it ever existed.

432, together with 227 and 232, were only seen in section and have no stratigraphic relationships between themselves. Their function and orientation is therefore unclear.

Contains contexts: 224-7, 231-2, 422, 428, 432-3, 3218.

**Group 43**

This group contains cuts, fills and builds relating to a post-medieval revetment of the city wall. 435 is the construction cut for the primary build of the revetment wall, which consists of Heavitree blocks, approximate dating being provided by finds from two pits that have a stratigraphic relationship with 435.

227, which is cut by 435, is C16/C17, while 218, which cuts 435 is C17/C18. The eastern side of cut 435 would appear to have been re-cut to accommodate a rebuild of the wall (374).

Contains contexts: 371-5, 421, 429-31, 435-6.

**Group 44**

This group is one of two dealing with post-medieval pits and ditches etc. 749 is a heavily truncated pit disturbing the fills of Roman ditch 754. Cuts 213, 215, 218 and 424 were only seen in section, thus their true form, extent and orientation cannot be determined.

Contains contexts: 211, 213-5, 218-20, 228-30, 400-404, 423-7, 749-50.

**Group 45**

This group, together with group 44, contains a series of post-medieval features, predominantly pits, all of which were seen only in section. Hence their true form, extent and orientation cannot be determined. The cobbled surface 275 survived for a total length of only 0.65m and no evidence of an associated building was visible.

Contains contexts: 114-22, 129, 133-6, 138-9, 163-4, 254-75, 280-1.

**Group 46**

Contained within this group are a number of features together with their fills, most of which are not stratigraphically linked. Furthermore, many were exposed as a result of machine stripping and consequently all that can be said about their phasing is that they fall somewhere within the post-medieval period.

So little remains of terrace cut 701 that no firm statement regarding its nature or function can be made. It is possible however that it may relate to the nearby post-medieval brickworks. 2098 most probably once held building foundations.

Contains contexts: 11, 54, 176-81, 198-9, 290-94, 359-60, 378-82, 701-2, 744-5, 783, 786-7, 804, 808, 818-9, 2-24-8, 2098-2100, 2161, 2167-8, 2207-12, 2224, 3033-34, 3036, 3040-43, 3058-59, 3062-63.

**Group 47**

With the exclusion of 60, these contexts relate to a group of C19 cellar walls which essentially removed all prior archaeology to some considerable depth. More were seen though time and priorities did not permit their recording.

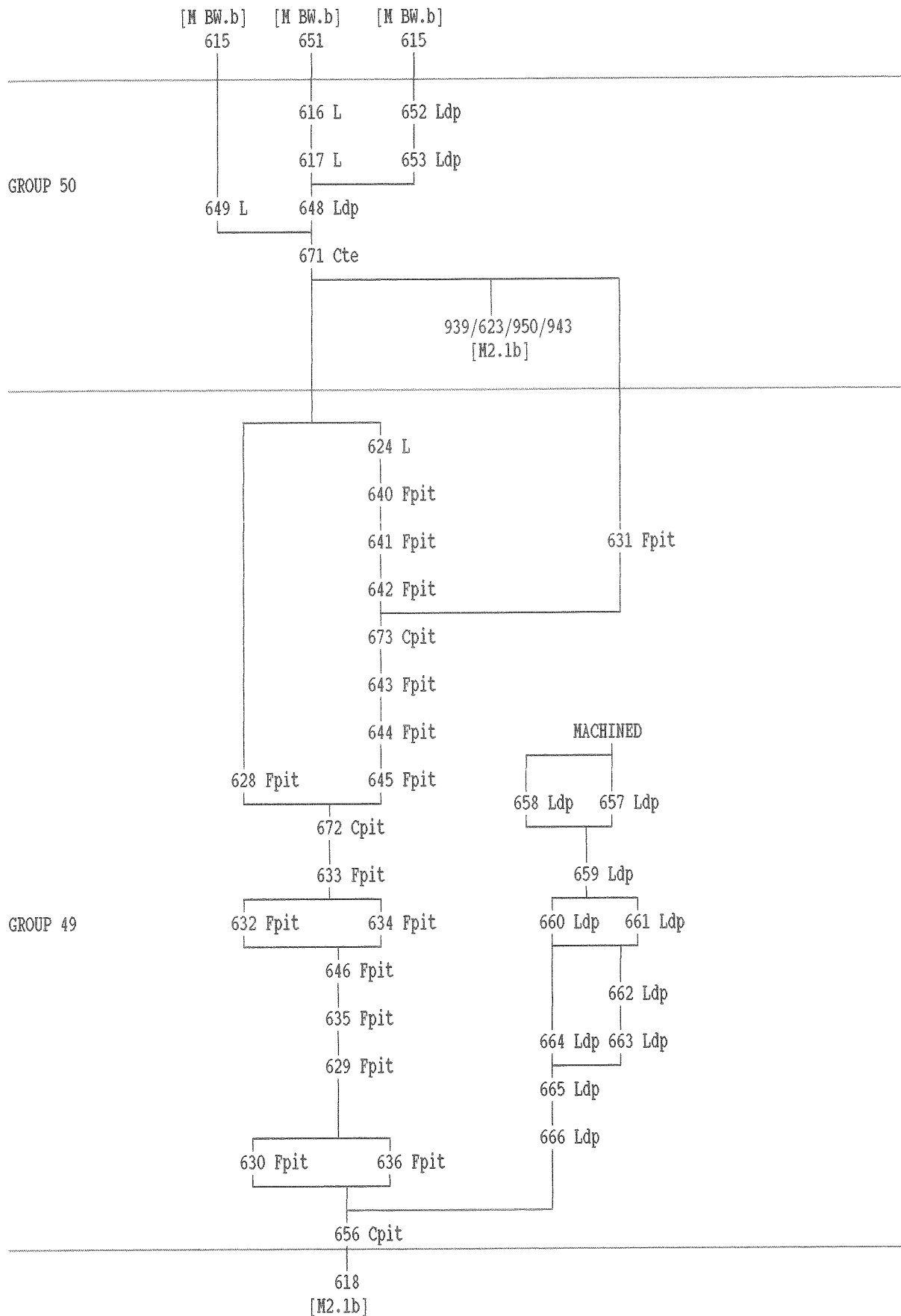
Contains contexts: 19, 59-60, 961-65, 974.

**Group 48**

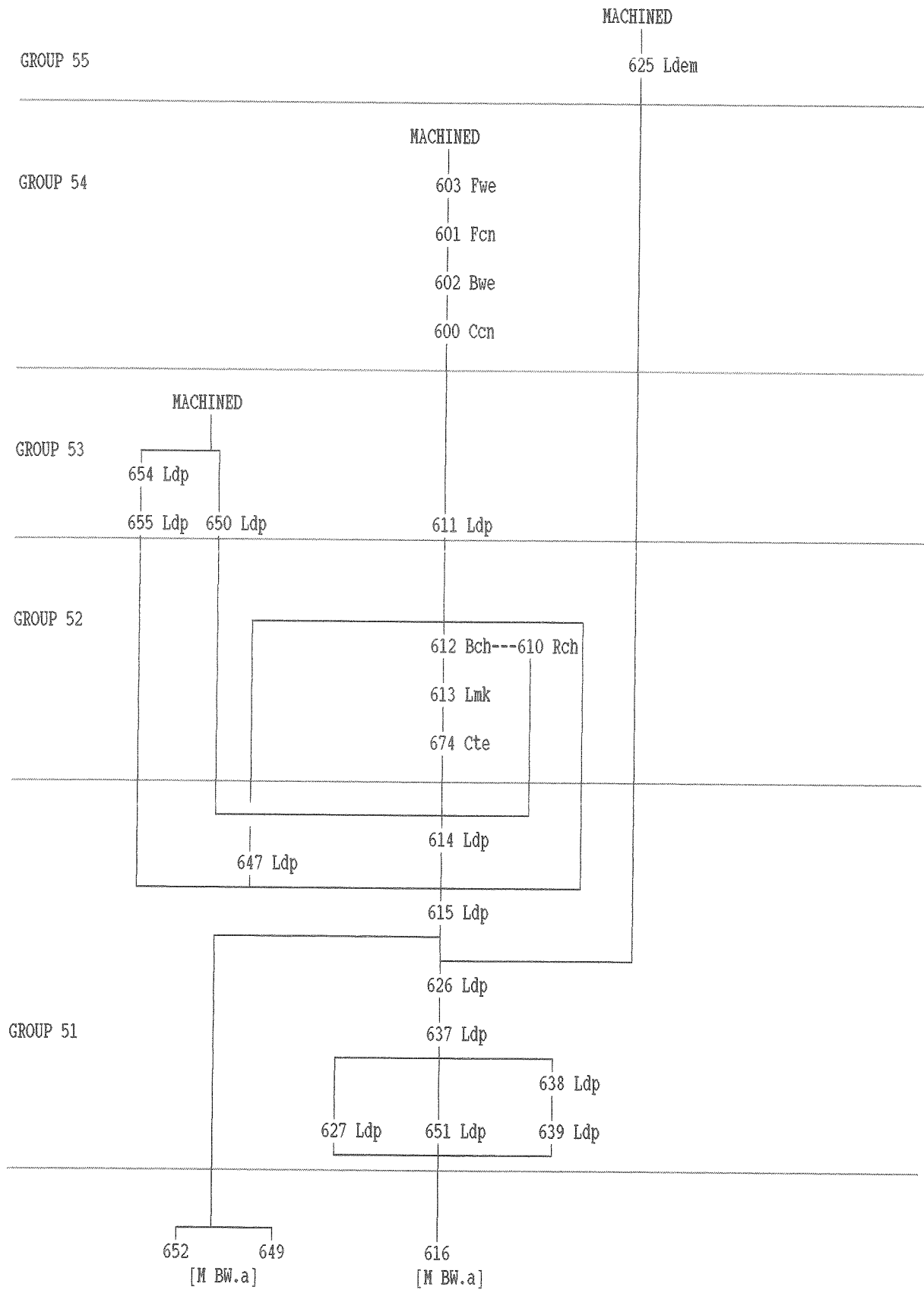
This group contains all modern, i.e. C20, layers and features.

Contains contexts: 12-17, 42-3, 47-8, 65, 194-7, 966-7, 971-3, 2075, 2231-36, 2238, 2240.

# MATRIX BW.a BRICKWORKS



# MATRIX BW.b BRICKWORKS





**Group 49**

This group contains a quarry pit construction cut together with its associated fills, being the primary activity concerning the post-medieval brickworks. The quarry pit was not bottomed, being too deep even for excavation by machine.

The fills were all very mixed and dirty containing brick fragments and charcoal, suggesting a prior brickworks nearby. The similar nature of the fills points to deliberate backfilling, to level the site for construction of the Brickworks. 672 and 673 would appear to be substantial pits cutting the quarry pit fills. 673 was not excavated to its full extent.

Contains contexts: 621, 624, 628-30, 632-36, 640-46, 656-66, 672-73.

**Group 50**

These contexts relate to the lower or primary brick clamp. 617, being a layer of wholly burnt material, appears to be the fuel used in the firing while 616 and 617 form the heavily-burnt remains of the base of the clamp. The firing of this clamp was sufficiently intense to bake the top of the underlying layers.

Contains contexts: 616-7, 648-9, 652, 671.

**Group 51**

These dumped layers seal the remains of the primary stack. Very mixed and dirty in nature, containing much brick and charcoal, they are clearly waste material.

Contains contexts: 613-15, 626-7, 637-9, 647, 651, 654-5.

**Group 52**

This group contains the remains of the secondary brick firing stack. Only the NE corner of the stack remained, survival to the south and west becoming increasingly poor. The bricks, some of virtually unfired clay, were stacked on edge with their axes aligned E-W. Due to a layer of very similar brick rubble which overlay it, parts of the stack were largely indistinguishable, only recognisable as impressions in the top surface of the underlying charcoal fuel layer 613. The bricks were not bonded together and they were spaced too far apart to have functioned as a floor. The stack survived for two courses, and was edged on the east by a line of half-bricks running north-south.

Contains contexts: 610-12, 650, 674.

**Group 53**

Sealing the last phase of the brickworks (group 52), this is a dump of material containing a high degree of crushed brick and general debris.

Contains context: 653.

**Group 54**

This well had cut through the main build of the brickworks (group 53). Constructed of brick, the structure consisted of courses of bricks laid alternately flat and on edge with the long axis radial to the core of the well.

Contains contexts: 600-03.

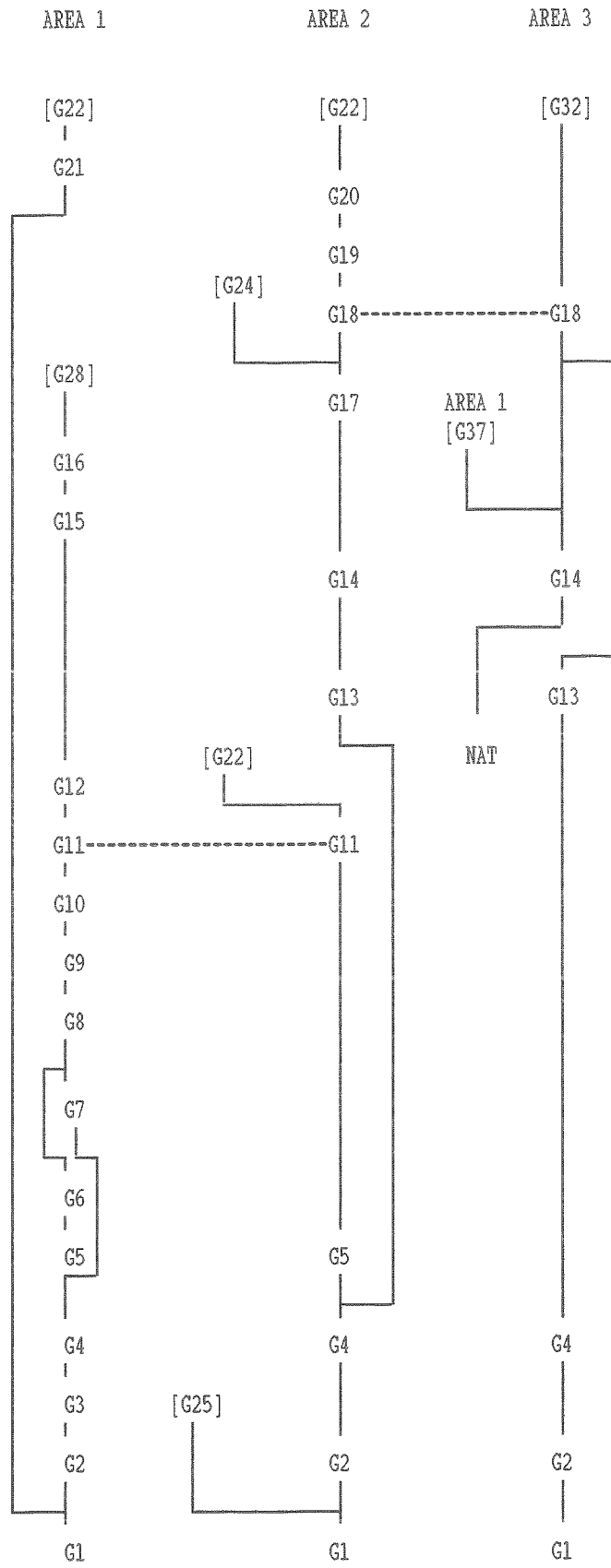
**Group 55**

Layer 625 was probably not associated with the brickworks but served as a general levelling layer prior to the construction of the current car park.

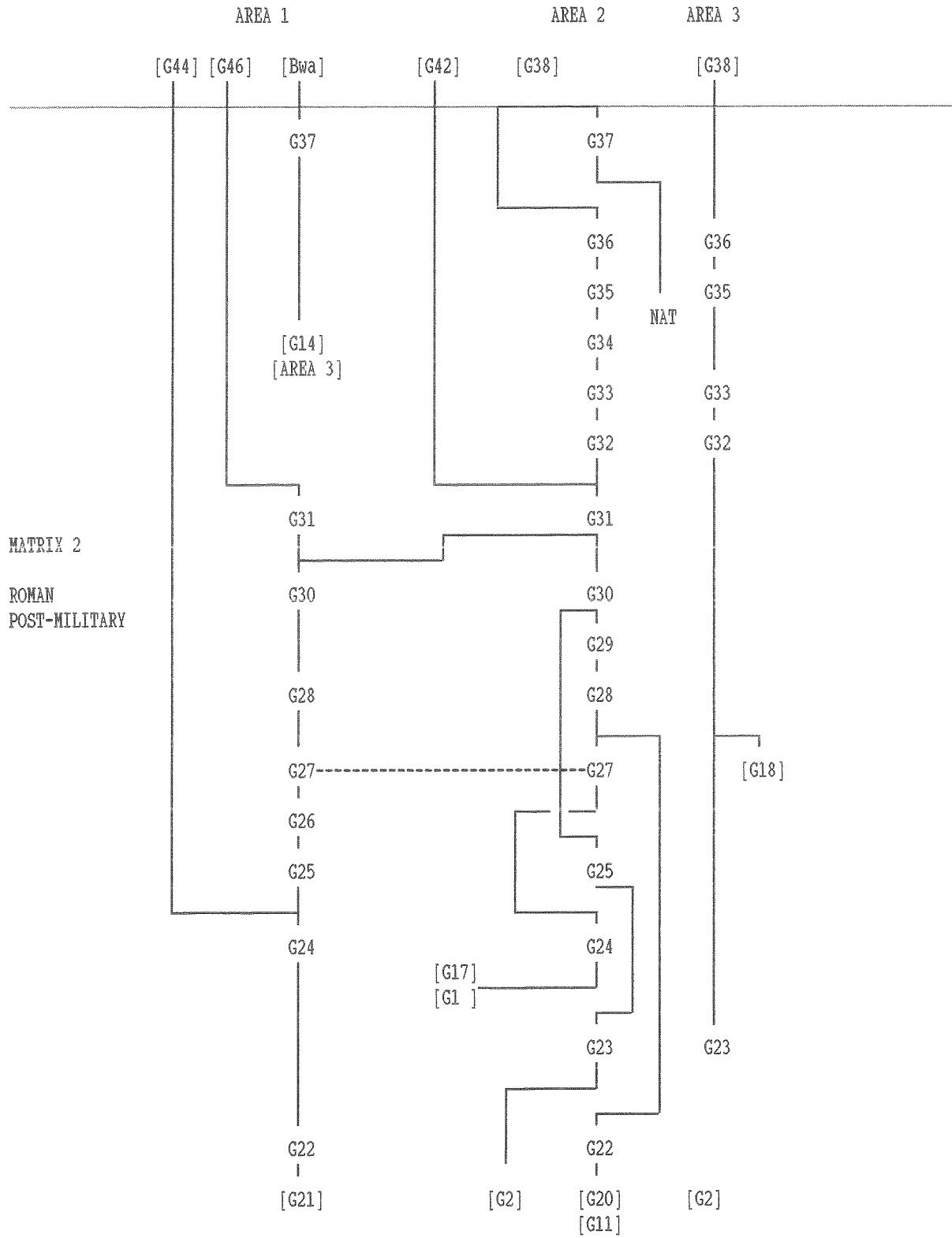
Contains context: 625.

# GROUP MATRIX (i)

MATRIX 1  
ROMAN MILITARY

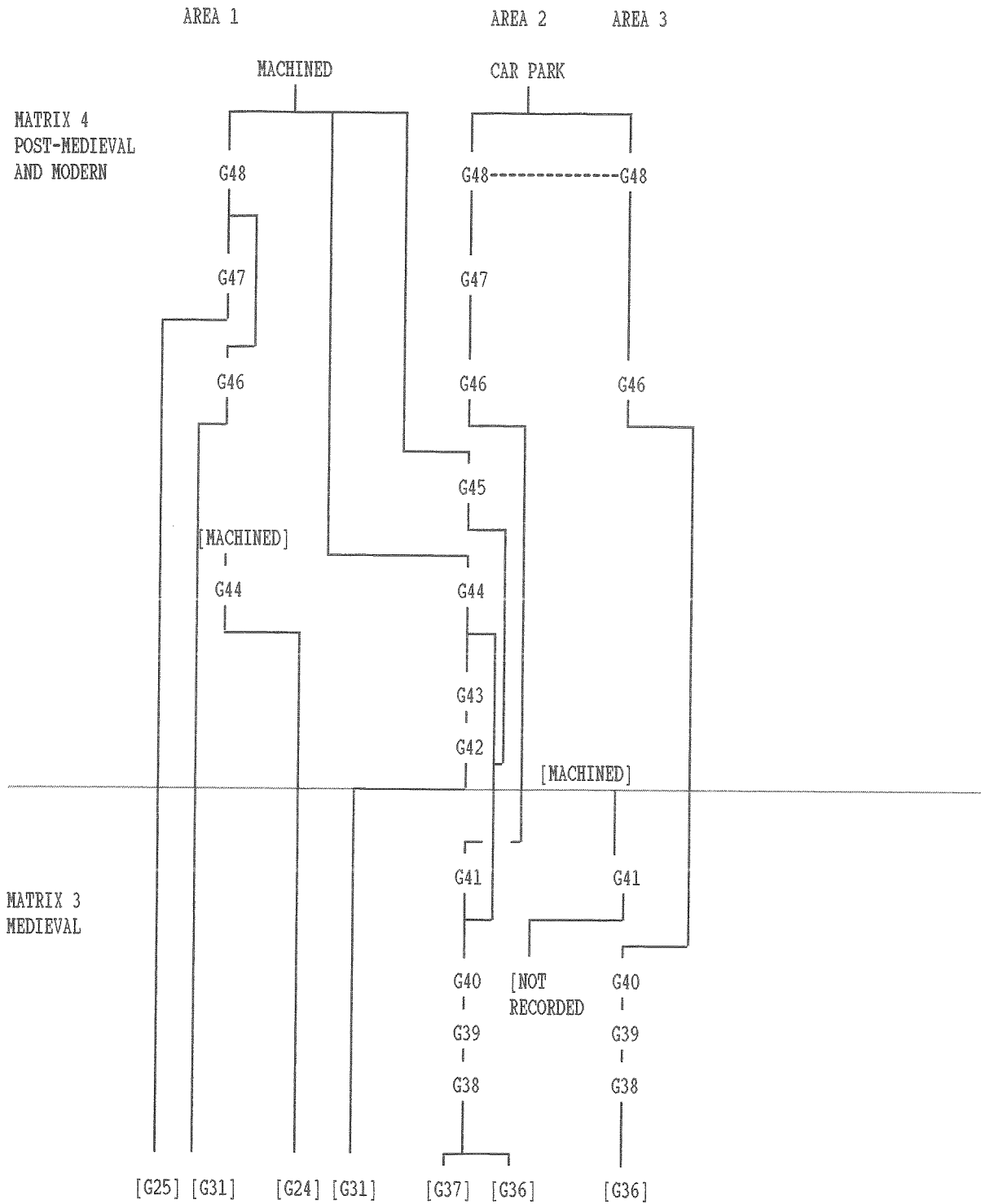


# GROUP MATRIX (ii)



GROUP MATRIX (iii)

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### 3. CONTEXT DESCRIPTIONS

#### Context Descriptions

- 11 Cut for rebuild of City Wall 18. Contains contexts 18, 54. Cut by C19. C (w)
- 12 Modern turf layer. L
- 13 Mid to dark orange brown sandy loam; friable; freq. slate, pot sherds, clay pipe, bone, glass and mortar fragments, occ. small to medium pebbles, occ. ash patches. Spot-dated to the C20th. Possible garden soil. L
- 14 Brown/black sandy loam; friable; occ. mortar, slate, ash and charcoal fragments, occ. pot sherds and clay pipe. Spot-dated to the C20th. Sub-soil. L
- 15 Cut for C20th intrusion, possibly a pit or trench. Contains fill 16. Cuts contexts 14, 17 and 21. Provisional phase/date is C20th. C (mod)
- 16 Brown/black sandy loam; loose; occ. brick and slate fragments, mortar lumps, small to medium angular stones. Within cut 15. Fill similar to 13. Finds included late C20th pot. F (mod)
- 17 Orange brown sandy clay; friable; occ. mortar and slate fragments, occ. small to medium angular stones, occ. charcoal flecks, pot sherds. General demolition fill. Cut by 15, 24, 26 and 27. Provisional phase/date is 20th C. L (dem)
- 19 Terrace cut containing general sub-soil of C20th date. Contains fills 17, 59 and 65. Probably cuts out cut for rebuild of City Wall 18. Equivalent to 60. C (te)
- 20 Orange brown sandy clay; compact; occ. small to medium pebbles and sub-angular stones. Cut by 11 and 19. Secondary rampart material over City Wall 55. L (rm)
- 42 D = 0.85m. Cut for modern (C20th) brick wall. Contains fill 43. Cuts contexts 45 and 46. C (ft)
- 43 Grey/black sandy grit (hardcore); loose. Modern wall hardcore. Within cut 42. F (ft)
- 44 Cut.
- 45 Fill.
- 46 L = 4.42m (continues W beyond E of E); W = 1.74m (continues N and S beyond E of E), D = 0.32m (max). Brown sandy silt, bricks, slate, burnt in places. L (mk)
- 47 L = 0.71m, D = 0.29m. Cut for post-medieval (C20th) pit. Contains fill 48. Cuts 195. C (pit)
- 48 D = 0.29m (max). Mid to dark brown sandy clay; loose; occ. slate, mortar and brick fragments, occ. ash patches. Within cut 47. F (pit)
- 49 Cut.
- 50 Fill.
- 51 L = 2.73m, W = 1.74m, D = 0.26m (max). Orange/yellow sandy clay; compact; occ. small to medium angular stones, slate and charcoal fragments. Secondary rampart material. Cut by 197 and 199. L (rm)
- 54 Yellow brown sandy clay; compact; freq. angular stones, occ. lumps of white coarse mortar. Within Cut 11. Abuts wall 18. Cut by 19. Possible fill for foundation trench of City Wall rebuild 18. F (ft)
- 56 Red/yellow/orange silty clay; plastic; occ. small angular stones. Secondary rampart material. Abuts 55. L (rm)
- 59 Orange brown sandy loam; compact; occ. slate and mortar fragments, occ. small to medium angular stones, occ. charcoal flecks, occ. clay pipe. Within cut 60. F (pit)
- 60 Cut for post-medieval cellar. Contains contexts 59, 65 and 17. Cuts 54. C (pit)
- 61 Red brown coarse sand mixed with clay; friable; occ. tile and slate fragments, occ. charcoal flecks. Secondary rampart material. Abuts 55. L (rm)
- 62 Cut for Roman wall footings 55. Contains contexts 55 and 64. Cuts 63. C (w)
- 63 Yellow/orange/brown clay; compact; occ. small flecks of charcoal, occ. tile flecks. Equivalent to 58? Cut by 62. L (rm)
- 64 Yellow orange clay; plastic; occ. small to medium angular stones, occ. tile and charcoal flecks. Fill within cut 62 for Roman City Wall footings 55. Abuts 55. F (w)
- 65 Black/brown sandy loam; compact; freq. slate fragments, ash patches, mortar flecks and small angular stones. Within cut 60 (19). Cut by 15. F (pit)
- 66 Fill.
- 67 Cut.
- 68 L = 1.70m (continues N and S beyond E of E), D = 0.20m. Footings for Roman city wall. Volcanic trap fragments, flints and other large pebbles in a yellow brown sandy clay. B (w)
- 69 L = 1.07m, W = 1.70m (continues N and S beyond E of E); D = 0.30m max. Yellow/red sandy gritty clay; compact; occ. charcoal flecks, abundant small to medium ww and sub-angular stones, occ. tile fragments. Primary rampart material. L (rm)
- 70 L = 4.25m (continues E and W beyond E of E), W = 1.70m (continues N and S beyond E of E); D = 0.90m max. Red sandy clay; compact; occ. charcoal flecks. Primary rampart material. Same as 742. Cut by 814. L (rm)
- 71 D = 0.30m max. Yellow brown (with red mottling) sandy clay; fairly compact; occ. small ww stones, charcoal flecks and small volcanic trap fragments. Within cut 81. Cut by 42 and 44. F (cn)
- 72 D = 0.20m max. Yellow brown sandy clay; slightly

- plastic, fairly compact; small to medium volcanic trap fragments, occ. charcoal flecks. Within cut 81. F (cn)
- 73 L = 3.74m (continues E beyond E of E), D = 0.50m (max). Uppermost layer of the primary Roman bank. Yellow brown sandy clay; plastic; occ. charcoal flecks, small to medium sub-angular stones. Primary rampart material? Cut by city wall construction cut 814. Dirtier than lower rampart layers due to the act of constructing the city wall. L (rm)
- 74 D = 0.26m max. Yellow brown (with grey mottling) sandy clay; compact; occ. small to medium ww stones, grey clay patches and charcoal flecks. Within cut 81. F (cn)
- 75 L = 1.46m, D = 0.14m (max). Yellow red brown sandy clay; compact; occ. small to medium sub-angular stones and charcoal flecks. Cut by 67 and 81. Primary rampart material. L (rm)
- 76 L = 3.74m (continues E beyond E of E), D = 0.51m (max). Yellow green brown sandy clay; compact; occ. small to medium ww and sub-angular stones, volcanic fragments and charcoal flecks. Primary rampart material. Cut by 67 and 81. L (rm)
- 77 D = 0.38m max. Yellow pink sandy clay; compact; occ. small to medium sub-angular and ww stones, occ. charcoal flecks. Primary rampart material. Cut by 67. L (rm)
- 78 D = 0.20m max. Yellow red sandy clay; compact; occ. small to medium ww and angular stones, charcoal flecks. Primary rampart material. Cut by 81. L (rm)
- 79 D = 0.20m max. Reddish brown sandy clay; compact; freq. small ww and sub-angular stones, occ. charcoal flecks. primary rampart material. Cut by 81. L (rm)
- 80 D = 0.10m max. Red brown sandy clay; compact; very small ww and sub-angular stones, occ. charcoal flecks. Primary rampart material. Cut by 67. L (rm)
- 81 D = 1.60m max. Cut for construction of Roman City Wall. Same as contexts 357, 450 and 814. C (cn)
- 111 Fill of post trench 112. Red/orange/pale yellow/brown compact clay and sandy clay silt. Contains freq small and medium pebbles, occ large breccia pebble. Cut by modern pipe trench. F (pt)
- 112 Cut of post trench; Dims N/R. Contains fill 111. Cut for sill beam rather than shallow survival. C (pt)
- 114 D = 0.23m (truncated by machine cut at top). Mid to dark brown sandy silt; moderate compaction; occ. small to large pebbles, occ. tile and charcoal fragments. L
- 115 D = 0.04m max. Mid to dark brown/black sandy silt (50%) and charcoal (50%); loose; occ. small pebbles, a large slate fragment. L
- 116 D = 0.18m max. Mid brown sandy clay silt; moderate compaction; occ. medium pebbles, occ. mortar fragments (frequent in lens), occ. slate and charcoal fragments. Within Cut 268. F (pit)
- 117 L = 1.50m (truncated by machine cut to W), D = 0.50m (truncated by machine cut at top); D = 0.20m. Cut for post-medieval pit. Contains fill 264. Cut by 121. C (pit)
- 118 D = 0.43m max. Mid brown slightly sandy clay silt; moderate compaction; occ. small to medium pebbles, occ. mortar lumps, occ. slate, tile and charcoal fragments, occ. snail shell. Within cut 119. Cut by 268. Small find No. 5051. F (pit)
- 119 L = 0.52m (truncated by machine cut to W), D = 0.43m max. Cut for Post-Medieval pit. Contains fill 118. Cuts context 122. Cut by 268. C (pit)
- 120 D = 0.20m max. Mid to dark brown sandy silt; moderate compaction; freq. charcoal fragments, occ. small to medium pebbles, occ. slate and tile fragments. Within cut 121. F (pit)
- 121 L = 0.89m, D = 0.23m (truncated by machine cut at top). Cut for post-medieval pit. Contains fill 120. Cuts contexts 258, 264 and 122. C (pit)
- 122 D = 0.45m max. Grey brown sandy clay silt; moderate compaction; occ. small to medium ww pebbles, occ. charcoal and tile flecks. Garden soil? Cut by 119, 268, 117, 121, 136, 139 and 164. Spot-dated to after 1650 (L. C17th to E. C18th). Small find no. 5054. L
- 123 L = 11.31m (continues to W beyond E of E, truncated by machine cut to E), D = 0.51m (max). Dark brown sandy clay silt; moderate compaction; occ. medium ww pebbles and angular stones, occ. slate fragments. Garden soil. Spot-dated to the late C13th to early C14th. L
- 124 L = 12.84m (continues to W beyond E of E, truncated by machine cut to E), D = 0.49m (max). Grey brown sandy clay silt; moderate compaction; occ. small to medium ww pebbles, occ. tile and charcoal fragments, very occ. slate fragments. Garden soil; has evidence for cultivation furrows (ridge and furrow?). Spot-dated to the C11th to C12th. L
- 125 L = 9.18m (continues to W beyond E of E), D = 0.80m max. Medium brown sandy clay silt; moderate compaction; occ. small to medium ww pebbles, occ. tile and charcoal flecks. Garden soil. Spot-dated to the C1
- 126 L = 11.02m (continues to W beyond E of E), D = 0.70m max. Mid brown (with orange hue) slightly sandy clay silt; moderate compaction, slightly plastic; occ. small to medium ww pebbles, occ. charcoal and tile flecks. Garden soil. Sample no. 007/1,2 L
- 127 L = 5.24m (continues to W beyond E of E), D = 0.32m (max). Orange/brown clay loam; moderate compaction, slightly plastic; freq. small to medium ww pebbles, occ. charcoal fragments. Sample no. 007/2. L (dp)
- 128 L = 1.08m, D = 0.08m max. Orange brown silty clay; compact, plastic; occ. medium ww pebbles. Primary late Roman cultivation layer. Sample no. 007/2. L

- 129 D = 0.08m max. Dark brown sandy silt; moderate compaction; occ. small to medium ww pebbles and medium sub-angular stones, occ. slate fragments. L
- 130 D = 0.50m (truncated by machine cut at top). Primary fill of 113. Mid-brown sandy loam, charcoal flecks. F
- 131 L = 0.82m, D = 0.50m (truncated by machine cut at top). C
- 132 L = 3.20m max; W = 1.10m max; D = 0.06m. Pale yellow brown mortar with occ. medium ww pebbles. Mortar floor of Roman date, built over earlier ditch. Within cut 253?; 277, 282 and 283 possibly building debris associated with this Surface? Not fully excavated or recorded. Mortar sample taken. S (ms)
- 133 L = 1.31m, D = 1.16m (truncated by machine cut at top). Dark brown sandy loam, charcoal fragments. L
- 133 D = 0.15m max. Dark brown/black sandy silt; fairly compact; freq. charcoal fragments, occ. small to medium pebbles. L
- 134 D = 0.20m max. Mid brown sandy silt; moderate compaction; occ. small to medium pebbles, occ. charcoal and tile fragments. Within cut 136. F (pit)
- 135 D = 0.20m max. Mid to dark brown sandy silt; moderate compaction; occ. small pebbles, occ. slate fragments. Within Cut 136. F (pit)
- 136 D = 0.45m max. Cut for post-medieval pit. Contains fills 134 and 135. Cuts context 122. C (pit)
- 137 D = 0.30m max. Orange brown sandy clay silt; moderate compaction, slightly plastic; occ. medium ww pebbles, occ. charcoal fragments. Natural colluvium/alluvium deposit? Same as 153. Cut by 253 and 192. Primary accumulation of clay silts, seals natural and earlier features cutting from natural. L (nat)
- 138 D = 0.30m max. Mid to dark brown sandy silt; fairly compact; freq. small to medium pebbles, occ. charcoal and mortar fragments. Within cut 139. F (pit)
- 139 L = 0.71m; D = 0.30m max. Cut for post-medieval pit. Contains fill 138. Cuts context 122. C (pit)
- 140 L = 1.52m, D = 0.19m (max). Mid brown (with orange hue) sandy clayey silt; moderate compaction; occ. medium pebbles, occ. charcoal and tile fragments. Garden soil. L
- 141 L = 0.91m, D = 0.25m max. Mid to dark brown stony sandy clay silt; moderate compaction; 50% small to medium pebbles, 50% sandclay silt, occ. charcoal and tile fragments. Within cut 192. F (pit)
- 142 L = 0.59m, D = 0.10m max. Orange brown slightly sandy clay silt; moderate compaction, slightly plastic; occ. small ww pebbles, occ. charcoal fragments. Within cut 192. F (pit)
- 143 L = 0.55m, D = 0.20m (max). Dark orange brown slightly sandy clay silt; moderate compaction, slightly plastic; freq. charcoal flecks and fragments, occ. small to medium pebbles. L (dp)
- 144 L = 4.21m (continues to W beyond E of E), D = 0.48m (max). Orange brown clay silt. L
- \*
- 144 D= 0.40m max. Orange brown slightly sandy silty clay; moderate compaction, plastic; occ. medium pebbles. Naturally deposited colluvium/alluvium layer. Cut by 150. Sample no. 006. L (nat)
- 145 L = 3.87m (continues to W beyond E of E), D = 0.42m (max). Yellowish orange brown clay silt. Fills 148. L
- \*
- 145 D= 0.30m max. Yellow orange brown slightly sandy silty clay; moderate compaction, fairly plastic; very occ. small ww pebbles. Natural colluvium/alluvium layer. Cut by 150. Sample Nos 003 & 008/1. L (nat)
- 146 L = 0.83m (continues to W beyond E of E), D = 0.29m (continues below E of E). Orange brown (with yellow brown clay lumps) slightly sandy silt clay; moderate to firm compaction, fairly plastic; clean. Natural colluvium/alluvium layer. L (nat)
- 147 L = 5.02m, D = 0.76m (continues below and to W of E of E). Orange-brown clay silt. L
- \*
- 147 D= 0.45m. Orange brown slightly sandy silty clay; compact, fairly plastic; occ. small ww pebbles. Naturally deposited colluvium/alluvium. Cut by 172. Sample Nos 004 & 008/1,2. F (nat)
- 148 L = 0.15m, D = 0.22m. Root disturbance. C
- 149 D = 0.28m. Fill of 150. Mid brown (with orange hue) sandy clayey silt; moderate compaction, slightly plastic; freq. small to medium ww pebbles, occ. large pebbles, occ. charcoal and tile flecks. Within cut 150. L
- 150 L = 0.54m, D = 0.34m. Shallow ditch, probably for drainage purposes. C (dt)
- 151 L = 1.78m, D = 0.34m (max). Orange brown sandy clay silt; moderate to firm compaction, slightly plastic; freq. small to medium pebbles, occ. charcoal and tile flecks, occ. breccia and charcoal fragments. Cut by 192 and 158. Final accumulation of clay silts. Roman cultivation soils come in above this layer. L (dp)
- 152 L = 2.02m; D = 0.15m max. Orange brown sandy clayey silt; moderate to firm compaction, slightly plastic; freq. small and med. pebbles, occ flecks of charcoal and tile. Cut by 158,192. L (dp)
- 153 Layer.
- 154 D = 0.15m (max). Top fill of 158 Mid-brown (orange hue) clay loam, large pebble, waterworn pebbles, fragments of breccia. F (ph)
- 155 D = 0.08m (max). Brown orange clay loam, small pebbles. F (ph)
- 156 D = 0.05m. Dark brown sandy loam, mortar fragments, small pebbles. F (ph)
- 157 D = 0.13m (max). Orange brown clayey sandy silt; moderate to loose compaction, fairly friable; one large pebble, occ. small to medium pebbles. Primary fill of cut 158. F (ph)

- 158 L = 0.28m, W = 0.40m; D = 0.35m max. Cut for possible post-hole. No evidence of post-pipe in section. Deliberately backfilled? Contains fills 154, 155, 156 and 157. Cuts contexts 151, 152, 153 and 167. C (ph)
- 159 L = 1.78m, D = 0.28m (max). Yellowy grey orange brown sandy silt clay; moderate compaction, fairly plastic; occ. small ww pebbles. Naturally deposited colluvium/alluvium layer. Sample Nos 001 & 008/1. L (nat)
- 160 L = 2.54m, D = 0.33m (max). Grey orange brown sandy silt clay; moderate compaction, fairly plastic; occ. small pebbles. Naturally deposited colluvium/alluvium layer. Cut by 172. Similar to 159. Sample Nos. 002 & 008/1. L (nat)
- 161 D = 0.30m max. Orange brown (with red hue) slightly sandy silty clay; very compact, plastic; freq. small to medium pebbles running in lenses. Naturally-deposited colluvium/alluvium layer. Cut by 172. Sample Nos. 005 & 008/2. L (nat)
- 162 L = 0.65m, D = 0.10m (truncated by machine cut at top). Dark brown sandy loam, small pebbles, slate fragments. L
- 163 D = 0.12m (truncated by machine cut at top). Dark brown sandy silt; moderate to firm compaction; occ. small pebbles. Within cut 164. F (pit)
- 164 L = 0.51m, D = 0.12m (truncated by machine cut at top). Cut for post-medieval pit. Contains fill 163. Cuts context 122. No obvious function. C (pit)
- 165 L = 2.74m (continues W below E of E); D = 0.35m max. Orange brown sandy silty clay; moderate to hard compaction, fairly plastic; occ. small to medium pebbles, occ. small pebble lenses. Naturally deposited colluvium/alluvium layer. Cut by 172. Sample No. 008/2. L (nat)
- 166 L = 3.38m, D = 0.55m max. Dark orange brown slightly sandy clay silt; Fairly hard compaction, slightly plastic; freq. medium to large ww pebbles, occ. small ww pebbles, occ. charcoal flecks. Cut by 177 and 179. L (dp)
- 167 L = 1.26m, D = 0.10m max. Orange brown (with red hue) sandy clayey silt; moderate to hard compaction; freq. medium to large pebbles. Cut by 158. L (dp)
- 168 L = 3.04m, D = 0.30m (max). Dark orange brown sandy clay silt; firm compaction, slightly plastic; freq. medium to large pebbles, occ. small pebbles, occ. charcoal and tile flecks. L (dp)
- 169 D = 0.60m max. Light orange brown/dark orange brown (mix) slightly sandy clay silt; moderate to hard compaction, slightly plastic; freq. medium to large ww pebbles, occ. small ww pebbles, occ. charcoal, tile and mortar flecks. Within cut 172. F (dt)
- 170 D = 0.28m (max). Dark orange brown slightly sandy clay silt; moderate compaction, fairly plastic; occ. large pebbles, occ. breccia lumps, freq. small to medium pebbles, occ. charcoal and tile flecks. Within cut 172. F (dt)
- 171 D = 0.37m (max). Dark orange brown (with red hue) slightly sandy clay silt; moderate to firm compaction, slightly plastic; occ. medium to large pebbles, occ. charcoal and tile flecks. Primary fill of ditch cut 172. F (dt)
- 172 L = 1.33m, D = 1.80m max. Cut for Roman military ditch (post primary rampart) running N-S. Cuts earlier ditch 175 (fills 184, 184), layers 182, 299 and surface 339. Contains fills 169, 170 and 171. C (dt)
- 173 L = 1.08m, D = 0.17m max. Orange brown (with red hue) sandy clay silt; moderate compaction, slightly plastic; occ. small to large ww pebbles, occ. charcoal and tile flecks. Dump layer? L (dp)
- 174 Mid brown (with red hue) sandy silt; loose, slightly plastic when rolled; occ. small to medium ww pebbles, occ. small angular stones, occ charcoal and tile flecks. Within cut 175. Cut by 172. L = 0.66m. D = 0.20m. F (dt)
- 175 L = 3.07m; W = 1.50m (oblique as in section 24); D = 1.30m max. Cut for early Roman ditch running SE to NW across Area 2. Steep-sided flat-bottomed 'v'. Same as 3109. Contains fills 184 and 174. Cuts contexts 183, 185, 186, 187, 189 and 190. Cut by later ditch 172. Continues with palisade 3006, in use with boundary ditch 2000. C (pt)
- 176 D = 0.28m (truncated by machine cut at top). Dark brown sandy silt; moderate compaction, friable; occ. small to medium pebbles, occ. tile and mortar fragments, occ. charcoal flecks. Within cut 177. F (pit)
- 177 L = 0.36m, D = 0.28m (truncated by machine at top). Cut for post-medieval pit. Contains fill 176. C (pit)
- 178 D = 0.18m (truncated by machine cut at top). Mid-dark brown (olive-green hue) sandy loam, fragments of charcoal, tile and slate, bricks, fragments of mortar, occasional small lumps of red clay. Within cut 179. F (pit)
- 179 L = 0.52m, D = 0.20m max. Cut for post-medieval pit. Contains fill 178. C (pit)
- 180 D = 0.19m (truncated by machine cut at top). Dark brown sandy loam, fragments of charcoal, small waterworn pebbles, brick, fragments of tile and slate. Within cut 181. F (pit)
- 181 L = 1.03m, W = 1.10m; D = 0.20m. Cut for post-medieval pit. Contains fill 180. Regular flat bottomed ovoid shape. Truncated by machine. C (pit)
- 182 D = 0.30m max. Grey brown (with red mottling) slightly sandy silt clay; firm, fairly plastic; occ. small to medium ww pebbles, occ. charcoal and tile flecks and fragments. Possibly primary rampart material. Cut by 181. L (dp)
- 183 Red/orange brown sandy clayey silt; moderate to firm compaction; freq. small to medium pebbles, occ. charcoal, tile and mortar flecks. L = 3.03m, D = 0.19m (max). L (dp)



- 184 Mid to dark brown (with red hue) sandy clay silt; moderate compaction, slightly plastic; occ. small to medium ww pebbles. Within cut 175. Cut by 172. D = 1.34m. F (dt)
- 185 L = 1.77m, D = 0.50m max. Pale orange brown slightly sandy silty clay; moderate to firm compaction, slightly plastic; occ. small to medium ww pebbles. Naturally deposited colluvium/alluvium. Cut by 188. L (nat)
- 186 L = 7.35m (truncated by machine at E), D = 0.54m (max). Red/orange brown slightly sandy silt clay; moderate compaction, slightly plastic; occ. small to large ww pebbles. Naturally deposited colluvium/alluvium. Cut by 188. L (nat)
- 187 D = 0.53m. Orange brown, brown and grey clay silt, occasional waterworn pebbles. F
- 188 L = 0.38m, D = 0.53m. Root disturbance. C
- 189 L = 4.93m, D = 0.42m (max). Red/brown (with grey lenses) slightly sandy clay silt; moderate compaction; frequent lenses of grey silt, occ. small to medium ww pebbles, occ. boulders. Naturally deposited colluvium/alluvium. Continuous with 165? Cut by 175. L (nat)
- 190 L = 2.04m (continues E beyond E of E), D = 0.25m max. Orange brown (with yellow brown streaks) sandy clay silt; loose to moderate compaction; freq. small to medium pebbles. Naturally deposited colluvium/alluvium. Cut by 172 and 175. L (nat)
- 191 L = 2m (continues W,E and below E of E). Hard red sandy silt; moderate to firm compaction; occ. small purple sandstone pebbles, occ. small ww pebbles. Naturally deposited colluvium/alluvium. L (nat)
- 192 L = 1.05m; W = 1.30m; D = 0.35m max. Cut for pit? Contains fills 141 and 142. Cuts contexts 151, 152, 153 and 137. Cuts from same level as 158. Irregular ovoid pit. C (pit)
- 193 L = 0.55m, D = 0.20m. C
- 194 D = 0.10m max. Dirty orange brown clay silt; slightly plastic; freq. yellow-green sand, occ. charcoal and brick flecks. Cut by 43. L (dp)
- 195 D = 0.50m max. Mid orange brown sandy silt; fairly compact; fairly freq. slate fragments, freq. small ww stones, occ. oyster shell, fairly freq. charcoal and tile flecks. Within cut 197. Cut by 47. F (pit)
- 196 D = 0.20m max. Brick red silty fine sand; loose; occ. small ww stones. Primary fill of cut 197. F (pit)
- 197 W = 3.20m max; D = 0.60m max. Large irregular elongated post-medieval pit. C (pit)
- 198 D = 0.80m max. Mid brown (with orange hue) slightly sandy silt; fairly loose; fairly freq. small to medium ww stones, occ. charcoal flecks, occ. tile and brick fragments. Within cut 199. F (pit)
- 199 W = 2.30m max; D = 0.80m max. Cut for irregular post-medieval pit. Contains fill 198. C (pit)
- 200 D = 0.40m max. Mid brown (with yellow hue) sandy clay silt; fairly compact, slightly plastic; occ. small to medium ww stones and charcoal fragments. Secondary rampart material. Cut by 199, 197 and 42. L (rm)
- 201 D = 0.06m max. Light brown (with yellow hue) silty clay; fairly compact, plastic; occ. small ww stones. L (rm)
- 202 D = 0.40m max. Mid brown (yellow hue) sandy clay silt; friable; fairly freq. small to medium ww stones, occ. charcoal flecks, occ. tile fragments. Soil development. Equivalent to 753, 3028 and 3096. L
- 205 D = 0.20m max. Mid brown sandy clay silt; slightly plastic; frequent charcoal, occasional small to medium ww stones. Within Cut 206. F (pit)
- 206 D = 0.20m max. Cut for small irregular (ovoid) pit. Profile is steep sided flat bottomed. Naturally derived. C (pit)
- 209 D = 0.25m max. Light yellow brown silty gravelly sand; fairly loose; abundant medium to large ww stones. Naturally deposited gravels and sands. L (nat)
- 210 Brick red silty clay sand; fairly compact; occ. purple clay lumps, occ. very small ww stones. Bedrock. L (nat)
- 211 L = 3.82m, W = 1.10m (continues N and S beyond E of E), D = 0.20m (truncated by machine cut at top). Dark brown sandy silt; loose, moderate compaction; occ. small to large lumps of lime?, freq. mortar patches, slate and brick fragments especially to the W, occ. charcoal and tile fragments, occ. small to medium pebbles. L (dp)
- 212 D = 0.30m. Fill of 213. Very dark brown loam, charcoal, coal, pebbles, tile and mortar fragments, slate, mortar flecks and pottery. F
- 213 L = 1.00m; W = 2.00m (truncated); D = 0.60m max. Cut for large post-medieval pit. Abuts square brick-lined pit (402 and 401)? Cut 213 possibly equivalent to cut 400. Contains contexts 228, 229, 423 and 230. C (pit)
- 214 D = 0.28m max. Dark brown sandy silt; plastic, moderate compaction; occ. small to medium pebbles, occ. mortar, slate and tile fragments, occ. charcoal flecks and patches, occ. bone. Within cut 215. F (pit)
- 215 L = 1.25m; W = 2.00m; D = 1.00m max. Shallow pit (profile = gentle slope, flat-bottomed) abutting (or cut by) Build 402. Contains context 214. C (cn)
- 216 D = 0.21m (max). Fill of 218. Mid-dark brown (grey hue) loam, fragments of mortar, slate, charcoal and tile. F
- 217 D = 0.30m (max). Fill of 218. Mid-dark brown (grey hue) loam, fragments of mortar, slate, charcoal and Heavitree stone. F (cn)
- 218 L = 1.10m (continues N and S beyond E of E), W = 0.40m (continues E beyond E of E), D = 0.32m (max). Construction cut for footings of revetment wall. C (wf)

- 218 W = 1.00m; D = 0.50m max. Cut for shallow pit (Profile = fairly steep-sided rounded base). Contains contexts 219 and 220. Cuts earlier cut and fills of construction trench of wall 436. Cut by later pit 213. Function not determined. C (pit)
- 219 L = 1.24m, D = 0.33m (max). Mid to dark brown sandy silt (slightly clayey); slightly plastic, moderate compaction; occ. small to medium pebbles, occ. slate, tile and mortar fragments, occ. charcoal flecks. Within Cut 218. F (pit)
- 220 L = 0.88m, D = 0.38m (max). Red brown very sandy silt; loose, compact; occ. slate and mortar fragments, occ. small to medium pebbles, occ. charcoal flecks. Within cut 218. F (pit)
- 221 L = 1.10m (continues N and S beyond E of E), W = 0.55m (continues E beyond E of E), D = 0.33m (max). Partilly fills 223. Mid-dark brown loam, small pebbles, slate, fragments of charcoal, flecks of mortar. L
- 222 D = 0.22m (max). Fill of 223. Orange brown loam, medium pebbles, fragments of charcoal, flecks of mortar. F
- 223 L = 0.27m, D = 0.30m. Filled by 222 and partially by 221. C
- 224 D = 0.30m (max). Top fill of 227. Dark brown sandy silt; slightly plastic, moderate compaction; occ. small to medium pebbles, occ. oyster shell and mortar fragments, very occ. slate, tile and brick fragments, very occ. snail shell fragments. Within cut 227. F (pit)
- 225 D = 0.22m (max). Secondary fill of 227. Mid to dark brown (with grey hue) sandy clayey silt; slightly plastic, moderate compaction; occ. small to large pebbles, occ. charcoal and mortar flecks. Within cut 227. F (pit)
- 226 D = 0.25m (max). Primary fill of 227. Dark brown loam; friable; occ. brick, slate and tile fragments. Within cut 227. Small find no. 5002. F (pit)
- 227 L = 1.61m (continues E beyond E of E), W = 0.47m (continues S beyond E of E), D = 0.80m. Cut for large post-medieval pit or possibly foundation trench for Wall B436 (profile steep sided, flat bottomed). Contains contexts 421, 422, 224, 225 and 226. Cuts contexts 233, 234, 237, 238, 239, 240, 242, 246 and 247. Cut by contexts 213 and 218. C (pit)
- 228 L = 2.10m. D = 0.47m (max). Dark brown clayey silt; loose to moderate compaction, slightly plastic; freq. slate fragments (especially toward W), occ. small to medium pebbles, occ. tile and mortar fragments, occ. bone and charcoal flecks. Within 213. Small find no. 5056. F (pit)
- 229 L = 1.36m, D = 0.21m (max). Mid brown (with green hue) slightly sandy clay silt; slightly plastic, moderately firm compaction; occ. small pebbles, charcoal and tile flecks. Within cut 213. F (pit)
- 230 L = 1.28m, D = 0.13m (max). Very dark brown sandy clayey silt; loose to moderate compaction, slightly plastic; occ. small to medium pebbles, occ. charcoal fragments, occ. tile flecks. Within cut 213. F (pit)
- 231 D = 0.28m (max). Fill of 232. Mid-brown clay loam, small pebbles, flecks of charcoal and tile. F (pit)
- 232 L = 0.63m, D = 0.32m (max); W = 0.58m max. Cut for post-medieval pit (profile = steep-sided rounded base). Contains context 231. Cuts contexts 233, 234, 236 and 237. Cut by context 213. C (pit)
- 233 L = 0.96m (continues E beyond E of E), D = 0.47m (max). Top surviving layer of primary Roman bank. Pale yellow brown silty clay, flecks of charcoal and tile, pebbles, small lumps of clay increasing towards the base. Cut by 213, 232 and 227. L (bk)
- 234 L = 2.34m (continues E beyond E of E), D = 0.26m max. Light to mid brown (with orange hue) sandy clayey silt; moderate compaction, slightly plastic; occ. medium pebbles, charcoal and tile flecks and fragments. Primary rampart material. Cut by 227 and 232. L (rm)
- 235 L = 0.85m (continues E beyond E of E), D = 0.05m (max). Mid brown (with yellow hue) sandy clayey silt; moderate compaction, slightly plastic; freq. small pebbles, occ. charcoal flecks. Primary rampart material. L (rm)
- 236 L = 1.15m (continues E beyond E of E), D = 0.10m (max). Mid brown (with red hue) sandy clayey silt; moderate compaction, slightly plastic; occ. small to medium pebbles, occ. charcoal flecks. Primary rampart material. Cut by 232. L (rm)
- 237 L = 2.47m (continues below E of E), D = 0.20m (max). Red/brown clayey sandy silt; moderate to firm compaction, slightly plastic; occ. small to medium pebbles, occ. charcoal flecks. Primary rampart material. Cut by 227 and 232. L (rm)
- 238 L = 2.27m (continues below E of E), D = 0.23m max. Pale green/grey brown slightly silty sandy clay; firm, plastic; occ. lumps of red sand, occ. tile fragments, occ. medium pebbles. Primary rampart material. Cut by 227. L (rm)
- 239 L = 0.94m (continues below E of E), D = 0.08m (max). Red brown sandy clay silt, moderate compaction, slightly plastic; occ. small to medium pebbles, occ. charcoal flecks, potsherds. Primary rampart material. L (rm)
- 240 L = 2.44m (continues below E of E), D = 0.40m max. Red clayey sandy silt; moderate to loose compaction, plastic; occ. lumps of red clay, occ. small to medium pebbles, occ. charcoal flecks. Primary rampart material. Cut by 227 and 407. Same as 70, 742, 367, 462 and 521. L (rm)
- 241 L = 1.35m; D = 0.08m max. Mid brown sandy clay silt; moderate compaction; freq. charcoal fragments (often in lenses), freq. small to medium pebbles, occ. large pebbles. Make-up layer for surface 514. L (mk)
- 248 L = 4.50m; W = 0.50m; D = 0.27m max. Cut for slot trench of early Roman date (pre-primary rampart) running N-S. Joins with cut 522 running E-W to form L-shaped feature in plan. Corner of early military building? Equivalent to cut 522 in Section 60. C (pt)

- 249 Red (with some light brown mottling) clayey sandy silt; moderate compaction, slightly plastic; occ. lumps of red clay, occ. small to medium pebbles, occ. charcoal flecks. Within cut 248. Equivalent to Fill 523 in Section 60. Similar to slot trenches found in Area 1. F (pt)
- 250 D = 0.35m Red brown sandy clay silt; fairly compact, slightly plastic; occ. small ww stones and charcoal flecks. L (rm)
- 251 D = 0.15m max. Mid brown sandy clay silt; fairly compact; freq. small ww stones. Pre-primary rampart Roman soil. L
- 252 D = 0.40m. Yellow brown sand clay silt; fairly compact; abundant small to medium ww stones. Cut by 112,968. L (nat)
- 253 W = 2.50m (section only); D = 0.18m max. Forms sill for mortar floor S132 (profile=shallow flat bottomed). Contains context 132. Cuts context 137. C (te)
- 254 Mid to dark brown sandy loam; moderate compaction; freq. slate fragments, occ. charcoal and tile fragments, occ. small pebbles and mortar fragments. Finds include clay pipe, bone, pottery and glass. Slate fragments used as a lining to this pit. Within cut 255. Cut by 274 and 257. F (pit)
- 255 L = 1.10m; W = 0.80m; D = 0.50m. Cut for post-medieval pit. Shallow semi-circular in shape, slate lined. Contains fills 254 and 272. Cuts 269 and 260. Cut by 274 and 257. C (pit)
- 256 Mid to dark brown sandy clay silt; hard, plastic; one brick (standing vertical), freq. mortar, brick, charcoal, slate and tile fragments. Within cut 257. Not recorded in section or plan. F (pit)
- 257 L = 0.25m; W = 0.21m; D = 0.30m. Cut for post-medieval pit. Rectangular cut with vertical sides and flat base. Truncated at top by machine cut. Contains fill 256. Cuts 254 and 255. Not recorded in section or on plan. C (pit)
- 258 Mid to dark brown loam; moderate compaction, slightly plastic; occ. small to medium pebbles, occ. mortar, brick and charcoal flecks. Cut by 121 and 274. Garden soil. L
- 259 D = 0.12m max. Mid to dark brown/black sandy silt (50%) and charcoal fragments (50%); loose; occ. small pebbles. Very similar to 115. L
- 260 Mid brown (with frequent orange mottling) sandy silt; moderate compaction; very freq. brick and tile fragments, occ. charcoal and mortar fragments, occ. slate and coal fragments, occ. small pebbles. Within cut 261. F (rt)
- 261 D = 0.30m max. (truncated). Cut for possible robber trench (Flat bottomed). Truncated by 255 and 271. C (rt)
- 262 Dark brown sandy loam; fairly compact; fairly freq. small ww stones, charcoal, Oyster shell, slate and mortar fragments. Within 263. Small find no. 5052. F (pit)
- 263 W = 1.90m; D = 0.56m max. Cut for post-medieval pit (profile = gentle sloped sides fairly flat-bottomed. Circular?. Cut by 261. Contains 262. C (pit)
- 264 D = 0.20m max. Dark brown clay loam; fairly plastic; fairly freq. small to medium ww stones, slate fragments, charcoal and mortar flecks. Within cut 117. Cut by 121. F (pit)
- 265 D = 0.30m max. Pale orange yellow silty sand; fairly loose; freq. brick, mortar and slate fragments, occ. small ww stones. Within cut 261. Cut by 271. F (rt)
- 266 Dark brown clay silt; slightly plastic; fairly freq. brick fragments, occ. charcoal, coke and slate fragment. Within Cut 274. F (pit)
- 267 Dark brown clay silt; slightly plastic; fairly freq. brick, mortar and charcoal fragments. Within 274. F (pit)
- 268 D = 0.18m. Cut for post-medieval pit. Regular, flat-bottomed small pit. Not fully excavated or recorded. C (pit)
- 269 Mid brown sandy silt; fairly loose; freq. slate fragments, occ. small to medium ww stones, brick, charcoal and snail shell fragments. Within cut 271. Cut by 284. F (rt)
- 270 Dark brown clay silt; fairly compact, slightly plastic; freq. orange sand lumps, occ. ww stones, slate and charcoal fragments. One large piece of volcanic trap and Heavitree stone. Primary fill of 271. F (rt)
- 271 D = 0.55m max. Cut for robber trench? Not fully excavated or recorded. Contains fills 269 and 270. Cut by 255. Cuts contexts 273,260 and 122. C (rt)
- 272 Mid to dark brown sandy silt; fairly compact; freq. brick fragments, ww stones, pale orange sandy clay lumps and mortar, fairly freq. charcoal, coal and slate fragments. Within cut 255. F (pit)
- 273 D = 0.25m. Mid to dark brown clay silt; slightly plastic; fairly freq. small brick fragments, occ. charcoal, mortar and slate fragments. Cut by 271. L (dp)
- 274 W = 1.45m max; D = 0.20m (truncated). Cut for post-medieval pit. Profile= shallow sloping sides and flat bottom. Contains fills 266 and 267. Cuts contexts 260 and 254. C (pit)
- 275 Medium sized granite cobbles set in clay. Not excavated or recorded. S (cb)
- 276 D = 0.20 max. Mid brown sandy silt; friable; occ. charcoal flecks. Within 288. Cut by 253 and 287. F (dt)
- 277 D = 0.18m max. Dark brown sandy silt; slightly compact; freq. charcoal flecks, occ. small ww stones and oyster shell fragments. Within cut 288. Cut by 287. F (dt)
- 278 D = 0.08m max. Dark brown sandy silt; loose; freq. large ww stones. Possible dump or occupation. L
- 279 D = 0.15m max. dark brown sandy silt; friable; occ. charcoal flecks. Within cut 288. F (dt)
- 280 D = 0.10m max. Not described. L (dp)
- 281 D = 0.20m max. Soil not described. L (dp)
- 282 Mid brown sandy silty gravel; loose. Within cut 287. F (pt)

- 283 D = 0.40m. Yellowish light brown silty clay; slightly plastic; occ. tile fragments, freq. charcoal flecks, medium ww stones and bone fragments. Within cut 288. F (dt)
- 287 W = 0.34m max.; D = 0.20m. Cut for Roman post trench. Profile = steep-sided flat-bottomed linear cut. Not fully excavated. Contains fill 282. C (pt)
- 288 Same as 313, 332 and 2002. See 2002 for full profile description. Numbered 2002 on drawings. C (dt)
- 289 D = 0.30. Mid to dark brown sandy silt loam; friable; occ. medium ww and angular stones. Medieval garden soil. Terraced down to natural in this area. Therefore no Roman deposits (ie. rampart) were evident. L
- 290 D = 0.30m max. Cut for modern wall. Associated with 291 and 292. Not fully excavated. C (wf)
- 291 Mid brown sandy silt; slightly plastic; small angular and ww stones. Within 290. F (wf)
- 292 H = 0.20 (truncated) mostly machined removed. Heavitree block, whitish/cream mortar. B (wf)
- 293 D = 0.40m max. Possible earlier wall cut to 290. Contains fill 294. Cuts 182, 295, 296, 297 and 298. C
- 294 Mid brown sandy silt; slightly plastic; occ. small ww and sub-angular stones. Within Cut 293. F
- 295 D = 0.18m. Dark brown sandy silty loam; friable; occ. small to medium ww and sub-angular stones. Garden soil. L
- 296 D = 0.45m. Mid to dark brown sandy silt loam; friable; occ. small to medium ww and angular stones. Garden soil. L
- 297 D = 0.35m. Mid red brown sandy silt; Slightly plastic; occ. small ww stones. Roman soil. Cut by 293. L
- 298 Red brown sandy silt loam; friable, slightly plastic; occ. small to medium ww stones. Within Cut 172. Equivalent to 166 (Section 23). F (dt)
- 299 Mid brown (orange) silt clay; plastic; very occ. small to medium ww and angular stones. Slumping into ditch 172. L (dp)
- 300 Mid red brown silty loam; plastic; occ. very small ww stones. Within cut 172. F (dt)
- 301 Mid brown (with red hue) sandy silt loam; friable, plastic when rolled; occ. medium pebbles, occ. small ww stones and sub-angular stones. Relates to first ditch fill? Cut by 172. F (dt)
- 302 Mid to dark brown (with red hue) sandy clay silt; slightly plastic; occ. medium ww stones and sub-angular stones, freq. small ww pebbles. Higher stone percentage than 184. First ditch fill. Within cut 175/3109. F (dt)
- 305 D = 0.20m. Reddish brown (with yellow/red mottling) sandy clay silt; slightly plastic; freq. small to medium ww's and sub-angular stones. L (dp)
- 308 Dark orange brown (with yellow mottling) slightly sandy clay silt; moderate compaction, slightly plastic; freq. small to medium pebbles, occ. charcoal flecks. Within cut 172. Small find No.5000. F (dt)
- 309 D = 0.40m. Reddish orange brown slightly sandy clay silt; compact, plastic; occ. medium ww's and sub-angulars, infrequent small pebbles and sub-angular stones. Natural alluvium? L (nat)
- 310 D = 0.30m. Red/orange brown clayey silt; compact, slightly plastic; some medium ww pebbles, freq. small ww pebbles and angular stones. Natural alluvium/colluvium? Cut by 172. L (nat)
- 311 D = 0.30m. Light red brown loam clay; friable, slightly plastic; freq. pea grit, occ. small sub-angular stones, occ. charcoal flecks. L (dp)
- 312 Brown red coarse gritty loam clay; friable; freq. pea grit, patches of red sand, fairly frequent small to medium ww stones and small sub-angular stones. Within 288/33 (See also cut 332 and 2002). F (dt)
- 314 Dark brown/black loam clay; friable, slightly plastic; fairly frequent small ww's, very small degraded tile fragments, freq. charcoal flecks. Within cut 331. F (sl)
- 315 Brown red gritty loamy clay; friable; freq. pea grit. Within 331. F (sl)
- 316 Grey green brown clay; compact, plastic; clean. Associated with slot 331, possible re-used bank material. Within 331? F (sl)
- 317 D = 0.18m. Light to mid brown silty clay; fairly compact, plastic; freq. small ww's and sub-angular stones. L (dp)
- 318 Light red brown loam clay (with patches of silt); friable, slightly plastic; occ. bone, small to medium ww stones. Same as 312, within 288/313. F (dt)
- 319 D = 0.50m max. Mid brown clay loam; compact, slightly plastic; freq. small to medium ww's, slate fragments, occ. charcoal flecks, occ. mortar and brick flecks. Garden/cultivation soil. L
- 320 D = 0.47m max. Mid brown loam clay; compact, friable; very occ. charcoal and mortar flecks, occ. small ww's. Cultivation soil. L
- 321 D = 0.36m max. Red brown loam clay; plastic; occ. charcoal flecks, occ. small ww's and sub-angulars, occ. mortar flecks. Cultivation soil. L
- 322 D = 0.20m max. Red brown sandy clay; fairly compact, plastic; freq. small ww's, occ. medium ww's and angular stones, occ. slate fragments, occ. charcoal and mortar flecks. L (dp)
- 323 D = 0.12m max. Light brown silty gritty sandy clay; friable, slightly plastic; freq. small to medium ww's, freq. pea grit and charcoal flecks, occ. mortar flecks. L (dp)
- 327 D = 0.21m. Light yellow brown silty clay; slightly plastic; occ. charcoal flecks, occ. small to medium ww stones. Cut by 331. Alluvium (same as 326). L (nat)

- 328 D = 0.25m max. Light brown silty sandy clay; slightly plastic; occ. small to medium ww, occ. charcoal flecks. Cut by 331. L (nat)
- 329 D = 0.08m. Light yellow brown sandy clay; plastic; occ. small to medium ww's, occ. charcoal fleck. L (nat)
- 330 D = 0.20m. Light yellow orange brown silty clay; slightly plastic; very occ. charcoal. Alluvium. L
- 331 D = 0.23m. Cut for linear slot. Contains contexts 314, 315, 316. Cuts contexts 326 and 328. C (sl)
- 332 D = 1.20m. Contains contexts 333, 334, 335, 336, 337 and 338. Cuts natural. Same as ditch cut 288/313/2002. See section 23. C (dt)
- 333 Dark red brown silty clay; compact, plastic; abundant charcoal flecks, freq. lumps white mortar, occ. small to medium ww stones. Abundant pottery of c. 1st-century in date. Within cut 332. Small find No. 5053. F (dt)
- 334 Yellow brown silty clay; compact, plastic; occ. charcoal flecks, very occ. small ww's. Within Cut 332. F (dt)
- 335 Mid chocolate brown sandy clay; compact, fairly plastic; fairly freq. charcoal flecks, occ. white mortar lumps, occ. small to medium ww stones, occ. medium sub-angular stones. Within cut 332. F (dt)
- 336 Light red brown silty clay; plastic; occ. charcoal flecks, occ. small ww stones. Within cut 332. F (dt)
- 337 Light brown gravelly grit; loose; abundant pea grit, occ. small ww's, occ. charcoal flecks. Within Cut 332. F 9dt)
- 338 Yellow brown silty clay; plastic; occ. small to medium ww and sub-angular stones, occ. charcoal flecks, occ. patches orange sand. Within cut 332. F (dt)
- 339 Compact surface that post-dates first ditch (cut 175) but is cut by second ditch (cut 172). Possible road surface, much degraded. Make-up layer is 340. S (mt)
- 340 D = 0.02 to 0.04m. Grey brown silty clay; compact, plastic; High percentage of small to medium pebbles, occ. small to medium angular stones. Make-up layer for surface 339. L (mk)
- 341 Mid red brown loamy clay silt; friable, very slightly plastic; occ. charcoal flecks, occ. mortar flecks, occ. small to medium ww stones, occ. patches pea grit, occ. oyster shell and bone. Within cut 342. Small find No. 5063. F (dt)
- 342 D = 1.70m max. Cut for ditch. Same as cut 2003. Contains contexts 341, 344, 345, 346, 347, 348, 349, 350 and 351. C (dt)
- 343 Mid brown loam clay; fairly plastic; occ. charcoal flecks, occ. small ww stones. Within cut 332. F (dt)
- 344 Light red brown clay silt; friable, loose; occ. small ww stones, very occ. small sub- angular stones, occ. charcoal flecks, freq. pea grit, very occ. mortar flecks. Within cut 342. F (dt)
- 345 Mid red brown silty clay; slightly plastic; freq. charcoal flecks, occ. small ww stones. Within Cut 342. F (dt)
- 346 Light brown gritty silt; loose, slightly plastic; abundant very small ww stones and pea grits, occ. charcoal flecks. Large piece of stamped mortarium in section, dated to the first century AD. Within cut 342. F (dt)
- 347 Mid red brown silty clay; slightly plastic; freq. charcoal flecks, occ. small to medium ww's. Within Cut 342. F (dt)
- 348 Light yellow brown clay silt; slightly plastic; freq. charcoal flecks, occ. small to medium ww pebbles and sub-angular stones. Within cut 342. F (dt)
- 349 Light red brown silty clay; slightly plastic; abundant small to medium sized ww pebbles and angular stones, occ. charcoal flecks, occ. mortar flecks. Iron pan stain at junction with natural. Primary fill equivalent to 2107 and 2223. Within cut 342. F (dt)
- 350 Light yellow red brown loamy clay; plastic; occ. charcoal flecks, occ. small to medium ww pebbles and angular stones. Slip face or redeposited alluvials (dump)? Within cut 342. F (dt)
- 351 Light orange brown loamy clay; plastic; occ. small ww pebbles and angular stones, occ. charcoal flecks. Slip face or redeposited alluvials (dump)? Within cut 342. F (dt)
- 352 Mid red brown sandy silt; friable; freq. Charcoal flecks, occ. small ww pebbles and sub-angular stones. Within cut 288/313. F (dt)
- 353 Mid to dark yellowish red brown loamy clay (with some sand); abundant charcoal flecks, abundant bone, occ. small ww pebbles and angular stones. Not fully excavated. Within cut 288/313. F (dt)
- 354 D = 0.40m. Red brown (with green clay patches) loam clay; friable; very occ. small ww and angular stones, occ. iron pan patches. Fill within cut (357) for Roman city wall (358). Redeposited primary bank material. F (cn)
- 355 D = 0.70m. Red/orange/brown loam clay; friable, plastic when rolled; occ. grey clay flecks, occ. small ww's and sub-angulans. Fill within cut 357 for Roman city wall 358. Redeposited Primary bank material. F (cn)
- 356 D = 0.10m. Dark purple/brown gritty silt; friable; freq. small to medium angular stones (volcanic), occ. large volcanic angular stones, freq. grits, very occ. small ww stones. Layer of crushed volcanic stone contemporary with building of Roman city wall. Within cut 35. Possibly a layer. F (cn)
- 357 Cut for build of Roman city wall (B358). Contains contexts 354, 355, 356. Cut by context 360. Cuts contexts 361, 362, 363, 364. Same as 81,450 and 814. C (cn)
- 358 H = 1.10m. Volcanic blocks. Within cut 357. Same as 453 and 815. City wall running N-S. B (w)
- 359 Dark brown loam; friable; freq. small to medium angulars, slate, brick and tile fragments, charcoal patches and flecks, shell, bone and clay pipe. Within cut 360. F (pit)

- 360 D = 0.20m (truncated). Cut for post-medieval pit. Contains context 359. Cuts contexts 361, 355, 370 and 371. Profile = steep vertical sides, flat-bottomed. C (pit)
- 361 D = 0.80m. Red/yellow/brown silty loamy clay; friable, slightly plastic when rolled; occ. small ww stones, very occ. small to medium sub-angular stones. Cut by contexts 360, 357, 371. Primary bank material. L (rm)
- 362 D = 0.40m max. Green/yellow/orange/brown (mottling) loam clay; friable, slightly plastic when rolled; occ. small to medium ww stones, occ iron pan stain. Primary bank material. Cut by 357, 371. Primary bank material. L (rm)
- 363 D = 0.30m max. Green/yellow/red/orange/brown (mottling) loam clay; friable, slightly plastic when rolled; distinct iron pan stain between this layer and layers 364, 365 and 368, otherwise clean. Cut by contexts 357 and 371. Primary bank material. L (rm)
- 364 D = 0.20m max. Red brown sandy silty clay; friable, plastic when rolled; occ. small to medium ww stones and sub-angular stones. Primary bank material. L (rm)
- 365 D = 0.25m max. Light brown (with red/yellow mottling) loamy clay; slightly plastic; occ. yellow clay patches, occ. small ww stones and sub-angular stones, occ. charcoal flecks. Primary bank material. L (rm)
- 366 D = 0.20m max. Medium brown (with red flecks) sandy silt; plastic; occ. small ww and sub-angular stones, occ. charcoal flecks. Primary bank material. L (rm)
- 367 D = 0.50m max. Dark red gritty loamy clay; slightly plastic; occ. small to medium ww and sub-angular stones, occ. charcoal flecks. First layer of Primary rampart material. L (rm)
- 368 D = 0.40m max. Khaki clay; plastic; occ. small to medium ww stones, occ. small sub-angular stones, occ. charcoal flecks. Primary bank material. Cut by 371. L (dp)
- 370 D = 0.80m. Red brown clay; plastic; occ. small ww stones and sub-angular stones. Secondary bank material (generally dirtier than primary bank). Cut by 371, 360. L (rm)
- 371 D = 1.40m. Cut for revetment wall (374, 375). Contains contexts 372, 373, 374 and 375. Cuts contexts 361, 362, 363, 368, 369, 370 and natural. Same as 429 and 435. C (cn)
- 372 Very dark brown/black loam; friable, loose; freq. small to medium ww stones, sub-angular and angular stones, freq. mortar and yellow clay patches, freq. brick, tile and slate fragments, bone and shell. Relates to rebuild of revetment wall (374). Within Cut 371. F (cn)
- 373 Dark brown clay; plastic; occ. small to medium angular stones and ww stones, freq. bone, occ. tile fragments. Relates to first build of revetment wall (375). Within Cut 371. F (cn)
- 374 H = 2.60m. Orientation = N-S. Moulded brick, roughly-hewn volcanic and Heavitree blocks, occ. well-hewn volcanic blocks (re-used Roman City Wall material?); white lime mortar, occ. small ww and angular stones, occ. brick fragments. Rebuild of revetment wall. Within cut 371. B (rp)
- 375 H = 0.50m. Orientation= N-S. Well-hewn Heavitree blocks; creamy yellow lime mortar. Original build of revetment wall. Within cut 371. B (wf)
- 378 D = 0.25m max. Profile = steep sides, flat-bottomed, irregular. Cut for post-medieval pit. Contains context 379. Cuts contexts 382, 383 and natural. C (pit)
- 379 Mid brown clay; compact, plastic; freq. small to medium ww and sub-angular stones, freq. slate, brick, tile fragments, freq. charcoal flecks. Within cut 378. F (pit)
- 380 D = 0.35m max. Profile = steep sides, rounded base, regular. Cut for modern pit. Contains context 381. Cuts contexts 382 and 383. C (pit)
- 381 Mid orange brown clay; compact, plastic; freq. slate, mortar and brick fragments, occ. charcoal flecks, occ. small ww's and angulars. Within cut 380. F (pit)
- 382 D = 0.16m max. Light brown clay; compact, plastic; occ. small ww and sub-angular stones, occ. slate fragments, occ. charcoal flecks. Date of this layer not established, probably Roman. Cut by contexts 380 and 378. L
- 384 Mid yellow brown loam clay; slightly plastic; occ. charcoal flecks. Redeposited natural? Within Cut 332? F (dt)
- 385 Tan brown loam clay; slightly plastic; freq. iron pan stain, occ. charcoal flecks, occ. small ww stones. Within Cut 342. F (dt)
- 386 Mid red brown loam clay; slightly plastic; occ. small ww stones, abundant charcoal flecks and patches. Within 332. Could be same as 333. F (dt)
- 387 Brown red silty clay; plastic; freq. small ww and sub-angular stones, occ. charcoal flecks. Very dirty redeposited natural? Within Cut 332. F (dt)
- 388 Ochre silty loam clay; slightly plastic; occ. small ww's. Redeposited natural. Within cut 332. F (dt)
- 389 Dark brown/red silty coarse sand and gravels; loose; abundant small to medium ww's and sub-angular stones, freq. larger ww and sub-angular stones. Primary fill of 332. F (dt)
- 390 Medieval terrace cut containing several ridge and furrow cultivation trenches. Forms horizon between 12th to 13th century. Contains soil 123. C (te)
- 400 D = 1.00m max. Cut for build of post medieval brick feature. Profile = gently sloping, round bottomed. Contains contexts 401, 402, 403 and 404. Cuts contexts 405, 406, 414 and 415. C (cn)
- 401 W = 0.36m; D = 0.80m. Moulded brick; creamy white lime mortar. Runs parallel to wall 402. Within cut 400. B (w)
- 402 D = 0.80m. Moulded brick; creamy white lime mortar. Same build and date as wall 401. Within Cut 400. B (w)

- 403 D = 1.00m. Grey/black sandy loam; friable; freq. slate, brick, tile, shell and drainage pipe fragments, abundant small to large ww, sub-angular and angular stones, freq. mortar and charcoal flecks and patches. Within cut 400. F (cn)
- 404 D = 0.70m. Grey/black sandy loam; friable; freq. slate, brick, tile, drainage pipe fragments, freq. small to large pebbles, sub-angular and angular stones, freq. mortar and charcoal flecks, occ. shell and bone. Demolition debris? Within cut 400. F (cn)
- 405 D = 0.60m max. Dark brown clay loam; slightly plastic; occ. brick, tile and slate fragments, occ. small to medium ww stones, freq. charcoal flecks. Late medieval garden (cultivation) soil. Cut by 400. L
- 406 D = 0.38m max. Mid brown clay loam; slightly plastic; occ. small ww stones. Mid to Late Medieval garden soil? Cut by Cut 400. L
- 407 D = 1.43m max. Cut for Roman defensive ditch. On same line as ditch cut 172 in Trench 1 (Area 2). Also same as 3111. Profile = steep-sided closed V shape (seen only in section). Contains contexts 411 and 412. Cuts contexts 413, 415, 233, 416, 417 and 418. C (dt)
- 408 D = 0.60m max. Mid brown loamy clay; plastic; occ. tile fragments, occ. small ww stones. Cultivation soil. L
- 409 D = 0.25m max. Light red brown clay loam; plastic; occ. charcoal flecks, occ. small ww stones. Cultivation soil. L
- 410 D = 0.58m. Red brown clay loam; plastic; freq. small to medium ww stones. Cultivation soil. Within 407. F
- 411 D = 0.20m. Red brown gritty clay; plastic; freq. pea grit, freq. small ww stones, occ. small to medium angular stones, occ. charcoal flecks. Within cut 407. F (dt)
- 412 D = 0.40m. Light mid brown gritty clay; plastic; freq. small ww stones, occ. charcoal flecks, occ. very small slate fragments. Primary ditch fill within cut 407. F (dt)
- 413 D = 0.30m. Orange brown clay; plastic; occ. small stones. Upcast from ditch 407. L (dp)
- 414 D = 0.30m. Grey green gritty clay (with red sandstone streaks); plastic; occ. small ww stones. Possibly Primary rampart material. Cut by 407. L (rm)
- 415 D = 0.42m max. Grey green (with red streaks) slightly gritty clay; plastic; occ. small ww stones, streaks of red sandstone. Possible primary rampart material? Cut by cut 407. L (rm)
- 416 D = 0.17m. Mid orange/brown loamy clay; plastic; occ. small ww stones, occ. charcoal flecks. Cut by cut C407. L
- 417 D = 0.20m max. Mid brown clay; compact, plastic; freq. pea grit, occ. small ww stones, freq. charcoal flecks. Natural colluvium/alluvium deposits. Equivalent to 242. Cut by 407. L (nat)
- 418 D = 0.50m. Mid brown clay; plastic; occ. small ww stones, otherwise clean. Natural colluvium/alluvium deposits. L (nat)
- 419 D = 0.80m. Cut for possible watercourse (naturally derived?). Profile = fairly steep sided flat bottomed (U shaped). Contains context 420. C (wc)
- 420 D = 0.80m. Grey silt; plastic; occ. charcoal flecks. Within cut 419. F (wc)
- 421 D = 0.35m. Yellowish brown loam clay; compact, plastic; occ. mortar lumps and flecks, occ. charcoal flecks, occ. small ww stones. Within cut 435. Cut by 218. F (cn)
- 422 D = 0.35m max. Mid brown clay loam; friable, central slightly plastic when rolled; freq. small ww pebbles and angular stones, occ. charcoal flecks, freq. mortar flecks. Within cut 227. Cut by 218 and 435. F (pit)
- 423 D = 0.10m. Light chocolate brown clay loam; friable, slightly plastic when rolled; occ. slate, tile and brick fragments, occ. charcoal flecks, occ. small ww pebbles. Within cut 213. F (pit)
- 424 D = 0.40m. Cut for modern pit. Profile = shallow, wide-bottomed (seen only in section). Contains contexts 425, 426 and 427. Cuts contexts 428 and 434. C (pit)
- 425 D = 0.40m. Mid brown loam; friable; occ. small ww pebbles, occ. slate fragments, occ. small to medium angular stones, occ. charcoal and mortar flecks. Within cut 424. F (pit)
- 426 D = 0.40m max. Dark brown loam; friable; freq. small ww pebbles, occ. medium sub-angular stones, freq. slate fragments, freq. charcoal and mortar flecks. Within cut 424. Possible robbing fill as forms vertical edge with 425. F (pit)
- 427 D = 0.05m max. Red brown loamy clay; slightly plastic; occ. medium angular stones, occ. mortar patches, occ. slate fragments, freq. charcoal flecks. Within cut 424. F (pit)
- 428 D = 0.60m. Mid brown loam; friable; freq. slate fragments, freq. charcoal flecks, freq. medium sub-angular stones, freq. mortar patches, occ. brick fragments. Cut by 424 and 429. Cultivation soil. L
- 429 D = 2.40m. Cut associated with re-build of revetment wall (436). Same as C435 and C371. Profile = deep, steep-sided (less so on W side), seen only in section. Contains fills 430, 431 and 436. C (cn)
- 430 D = 0.50m max. Dark brown loam; friable; freq. charcoal flecks, freq. slate fragments, freq. small ww stones, occ. brick fragments. Within cut 429. F (cn)
- 431 D = 0.65m max. Dark brown/black loam; friable; freq. slate fragments, freq. charcoal flecks, occ. brick fragments, occ. small to medium sub-angular stones. Within Cut 429. F (cn)
- 432 D = 0.90m. Terrace cut. Profile = fairly gentle-sided. Cut by 424. Cuts context 434. C (te)
- 433 D = 0.90m. Light brown loam; friable; freq. charcoal and slate flecks, freq. clay pipe and pottery sherds, occ. mortar patches, occ. small ww stones, occ. small to medium sub-angular stones, occ. brick fragments, occ. shell. Clay pipe and pottery dated to c. 17th Century. Cut by 424 and 429. Within Cut 432. F (occ)

- 434 D = 0.70m max. Red/yellow loamy clay; compact; freq. grey clay patches, occ. medium ww stones, occ. slate fragments, occ. charcoal flecks. Secondary rampart material, akin to 466. Within cut 461. Cut by 424, 432, 434 and 435. L (rm)
- 435 Original foundation cut for revetment wall B436. Same as 429/371. Profile= deep steep sided (less so on W side), seen only in section. C (cn)
- 436 D = 2.40m. Moulded brick, roughly-hewn volcanic and Heavitree blocks, occ. well-hewn volcanic blocks (re-used Roman city wall material). White lime mortar, some small ww and angular stones, occ. brick fragments. Re-build of revetment wall. Same as re-build 374. Within cut 435/429. B (wf)
- 447 D = 0.30m. Green/grey and khaki clay; compact, plastic; very occ. small to medium ww stones, very occ. small sub-angular stones, freq. iron pan formation. Primary rampart material. Cut by 461 and 468. L (rm)
- 448 D = 0.40m. Green/yellow/red/brown (mottling) sandy clay; slightly plastic; very occ. small sub-angular stones. Cut by 450 and 461. Uppermost primary rampart, partially terraced out by secondary rampart. Dirtier than lower rampart layers due to construction of city wall. L (rm)
- 449 D = 0.20m. Brown red sandy clay; gritty, slightly plastic; very occ. small ww stones, occ. patches of manganese stain. Redeposited natural? Cut by 450. L (rm)
- 450 D = 0.80m max. Cut associated with the building of the Roman City Wall (453). Contains contexts 451 and 452. Cuts contexts 448, 449, 454, 455, 457 and 460. Equivalent to Cut 81/357/814. C (cn)
- 451 D = 0.40m. Green/yellow/red/brown (mottling) sandy clay; friable, slightly plastic; freq. small to medium ww stones and sub-angular stones, occ. charcoal flecks. Generally 'dirtier' appearance than 448. Redeposited primary bank material as fill? Within cut 450. F (cn)
- 452 D = 0.35m. Green/yellow/red/brown (mottling) sandy clay; friable, slightly plastic; very freq. small to medium ww and sub-angular stones, freq. grit patches, occ. charcoal flecks, occ. mortar patches. Generally 'dirtier' appearance to 448. Redeposited primary rampart material. Within cut 450. F (cn)
- 453 H = 1.10m max. Roman City Wall running N-S. All (100%) volcanic trap blocks and large fragments. Eight to ten courses with herringbone construction. Equivalent to build 358 and 815. B (w)
- 454 D = 0.18m max. Yellow/red/brown sandy clay; slightly plastic; occ. small ww and sub-angular stones, occ. grit patches, occ. charcoal flecks. Primary rampart material. Cut by 450. L (rm)
- 455 D = 0.30m. Red/yellow/brown silty sandy clay; slightly plastic; occ. small ww and sub-angular stones, occ. grit patches, occ. charcoal flecks. Primary rampart material. Cut by 450 and 461. L 9rm)
- 456 D = 0.26m max. Light brown loamy clay; friable; occ. small sub-angular stones, occ. mortar and charcoal flecks. Primary rampart material. Cut by 461. L (rm)
- 457 D = 0.44m. Yellow/red/green/brown (mottling) loam clay; friable, slightly plastic; very occ. small sub-angular stones, occ. charcoal flecks. Primary rampart material. Cut by 450 and 461. L (rm)
- 458 D = 0.18m. Yellow/red/brown silty sandy clay; slightly plastic; occ. small ww and sub-angular stones, occ. grit patches, occ. charcoal flecks. Primary rampart material. Cut by 461. Similar to 455. L (rm)
- 459 D = 0.26m max. Yellow/red/brown loamy clay; friable, slightly plastic; very occ. small sub-angular stones, occ. charcoal flecks, occ. iron pan formation. Primary rampart material. Cut by 461. L (rm)
- 460 D = 0.42m. Khaki sandy clay; friable; occ. patches red sand. Primary rampart material. Cut by 450 and 461. L (rm)
- 461 D = 1.30m approx. E-W gently sloping terrace, becoming steeper to the W. Remodelling of primary rampart prior to secondary rampart. Seen only in section. C (te)
- 462 D = 0.40m. Brown red sandy clay; plastic; very occ. charcoal flecks, occ. pea grit, occ. small sub-angular stones. First layer of primary rampart material. Cut by 468. Same as 70, 367, 240, 521 and 742. L (rm)
- 463 D = 0.25m. Dark brown sandy clay; plastic; fairly freq. charcoal flecks, occ. tile flecks, fairly freq. small to medium ww stones, sub-angular and angular stones. Primary rampart material. Cut by 468. Soil development. L
- 466 D = 0.08m. Red/yellow/brown clay loam; friable; occ. small to medium sub-angular stones, occ. charcoal flecks, very occ. slate fragments, some small to medium volcanic stone fragments. Secondary rampart material. L (rm)
- 470 W = 0.85m; D = 0.35m. Cut for late medieval pit. Profile = gently sloping round-bottomed open U-shaped (seen only in section). Contains context 471. Cuts contexts 406, 477, 478, 472, 473. C (pit)
- 471 D = 0.35m. Mid brown clay loam; friable, slightly plastic when rolled; occ. small ww and angular stones, very occ. mortar and charcoal flecks, very occ. bone. Within cut 470. F (pit)
- 472 D = 0.65m. Cut made by cultivation practices (i.e. ridge and furrow)? Profile = shallow and gentle sided (seen only in section). Contains context 473. Cuts contexts 478, 479, 480, 474 and 475. Cut by context 470. C (te)
- 473 D = 0.70m max. Dark brown loamy clay; friable; occ. small ww stones, occ. small volcanic trap fragments, occ. charcoal flecks. Cultivation (plough) soil. Within cut 472. L
- 474 D = 0.30m. Light to mid brown clay loam; friable; occ. charcoal flecks, occ. small ww stones, occ. mortar flecks. Cultivation (plough) soil? L
- 475 D = 0.10m. Mid brown clayey sand; friable, loose; occ. mortar flecks, occ. charcoal. Cultivation (plough) soil. L



- 476 D = 0.75m max. Cut made by cultivation practices (ie. ridge and furrow)? Contains contexts 477, 478 and 479. Cut by 472 and 470. C (occ)
- 477 D = 0.38m max. Dark brown clay loam; friable; occ. charcoal flecks, occ. small ww's and angular stones, occ. mortar flecks. Cultivation (plough) soil. L
- 478 D = 0.37m. Dark brown clay loam; friable; occ. charcoal flecks, occ. small ww's and angular stones, occ. mortar flecks, occ. tile flecks. Cultivation (plough) soil? L
- 479 D = 0.28m. Dark brown clay loam; friable; occ. central charcoal flecks, occ. small to medium ww's and angular stones. Cultivation (plough) soil. L
- 480 D = 0.80m. Mid red brown clay loam; friable; freq. charcoal flecks, occ. mortar flecks, very occ. small ww stones. Cultivation (plough) soil. L
- 481 D = 0.30m. Light to mid brown loamy clay; slightly plastic; freq. iron pan formation, occ. charcoal flecks, occ. small to medium ww stones. Cultivation (plough) soil. L
- 482 D = 0.18m. Brown red stony clay; loose; very abundant volcanic fragments (quarried chippings?) dumped with patches of clay, occ. small to medium ww stones. Construction layer for Roman City Wall? Equivalent to 485. L (dp)
- 483 D = 0.20m. Light to mid brown sandy gritty clay; slightly plastic; freq. pea grit, freq. small to medium ww stones, freq. charcoal flecks, occ. mortar patches, occ. tile flecks, occ. bone and shell. Possible soil. L
- 484 D = 0.20m. Dark to mid brown clay loam; friable; freq. charcoal flecks, very occ. mortar flecks, very occ. medium angular stones, very occ. small ww stones, very occ. patches of pea grit. L (dp)
- 485 D = 0.30m max. Brown red stony clay; loose; very abundant volcanic fragments (quarried chippings?), patches of clay, occ. small to medium ww stones. Very similar to 482. L (dp)
- 486 D = 0.25m max. Light to mid brown coarse sandy silt loam; slightly plastic; freq. small to medium ww and angular stones, occ. charcoal flecks, occ. oyster shell fragments. Ditch fill, within cut 501. F (wc)
- 487 D = 0.30m max. Mid brown sandy silt loam; plastic; occ. charcoal flecks. Ditch fill, within cut 501. F (wc)
- 488 D = 0.30m max. Light to mid brown silty gritty coarse sand; loose; occ. charcoal flecks, very occ. small ww stones. Ditch fill within cut 501. F (wc)
- 489 D = 0.20m max. Mid chocolate brown sandy clay loam; friable; freq. charcoal flecks, occ. medium angular stones, occ. bone. Within cut 501. F (wc)
- 490 D = 0.10m max. Light yellow red brown fine sandy silt; plastic; occ. charcoal flecks. Within cut 501. F (wc)
- 491 D = 0.25m max. Red brown sandy clay loam; friable, slightly plastic; freq. small ww stones, occ. charcoal flecks. Within cut 501. F (wc)
- 492 D = 0.12m max. Red brown silty coarse sand; loose; occ. charcoal flecks, occ. mortar flecks. Within cut 501. F (wc)
- 493 D = 0.10m max. Mid red brown fine sandy loam; friable, slightly plastic; freq. charcoal flecks, freq. small ww stones. Ditch fill within cut 501. F (wc)
- 494 D = 0.10m max. Mid brown silty clay loam; friable, slightly plastic; freq. medium ww stones, freq. charcoal flecks. within cut 501. F (wc)
- 495 D = 0.45m max. Mid orange brown silty loam; friable, slightly plastic; freq. charcoal flecks, very occ. medium ww stones. Within cut 501. F (wc)
- 496 D = 0.20m max. Red brown silty clay loam; compact, slightly plastic; freq. charcoal flecks. Within cut 501. F (wc)
- 497 D = 0.40m max. Red brown silty coarse sand; friable, loose; frequent mortar flecks, occ. charcoal flecks. Within cut 501. F (wc)
- 498 D = 0.20m max. Dark brown red silty coarse sand and gravels; loose; abundant small to medium ww stones, occ. mortar flecks. Within cut 501. F (wc)
- 499 D = 0.25m max. Mid orange brown sandy clay loam; friable, slightly plastic; freq. small ww stones, occ. charcoal flecks, occ. tile flecks. Within cut 501. F (wc)
- 500 D = 0.05m max. Light creamy yellow brown silty clay; plastic, fairly compact; very occ. small ww stones. Redeposited natural? Primary ditch fill within cut 501. F (dt)
- 501 D = 1.30m max. Profile = steep-sided, flat-bottomed, U-shape, irregular. Seen only in section. Cut for large ditch of early Roman date. Function uncertain, possibly drainage/water course? Same as 2002 and 2003. C (wc)
- 502 D = 0.30m max. Light brown silty clay; plastic; occ. charcoal flecks, very occ. small to medium ww stones. Ditch fill within cut 501. F (wc)
- 503 D = 0.30m max. Light brown silty clay; plastic; occ. charcoal flecks, very occ. small to medium ww stones. Upcast from ditch 501. F (wc)
- 504 D = 0.30m max. Light mid brown silty clay; plastic; freq. charcoal flecks, freq. small to medium ww stones. Cut by 506. L
- 505 D = 0.25m max. Light orange brown silty clay; plastic; occ. charcoal flecks, occ. small to medium ww stones. Possibly redeposited natural upcast. Cut by C506. Equivalent to 503. L (nat)
- 506 D = 0.40m. Cut for pit. Profile = fairly steep-sided, open. Seen only in section. Contains contexts 507 and 508. Cuts contexts 416, 417, 504 and 505. C (pit)
- 507 D = 0.35m max. Light yellow brown gritty sandy clay, slightly plastic; occ. charcoal flecks, occ. bone, occ. medium ww stones, occ. patches of pea grit. Within cut 506. F (pit)

- 508 D = 0.08m max. Light yellow red brown gritty sandy clay; plastic; freq. charcoal flecks, freq. small ww stones. Within cut 506. F (pit)
- 509 D=0.10m max. Mid brown (with orange hue) loamy clay; plastic; occ. small to medium ww stones. Cut by 407. Soil. L
- 510 D = 0.20m max. Mid brown silty clay; plastic; freq. small ww stones, occ. charcoal flecks. Natural colluvium/alluvium deposit. Same as 417? Cut by 506 and 501. L (nat)
- 511 D = 0.37m max. Orange brown silty clay; plastic, compact; very occ. small ww stones. Natural colluvium/alluvium deposit. Cut by 407. L (nat)
- 513 D= 0.56m max. Light yellow brown silty clay; plastic; very occ. small ww stones. Natural colluvium/alluvium deposit. Cut by 501. L: (nat)
- 514 Tread surface associated with cut 248 ( and fill 249) and cut 522 in Section 60. Make-up layer is 241. S
- 519 D = 0.08m max. Red/brown silty clay; plastic; occ. small ww stones. Primary rampart material. Cut by 517. L (rm)
- 520 D = 0.10m max. Creamy yellowish brown clay; plastic; occ. medium pebbles. Primary rampart material. Same as 460. L (rm)
- 521 D = 0.06m max. Mid brown (with red hue) silty clay; plastic; occ. medium ww stones, occ. charcoal flecks. Primary rampart material. Equivalent to 462. L (rm)
- 522 D = 0.30m max. Cut for shallow slot trench running E-W. Joins N-S running slot trench (248) to form L-shaped ditch in plan. Profile = steep-sided (much deeper to E) flat-bottomed. Probably forms the corner of an early military building. Not recorded in plan. Associated with surface 514. Contains context 523. Cuts natural colluvial/alluvial deposits (242). C (sl)
- 523 D = 0.40m max. Red/brown sandy silty clay; plastic; freq. charcoal flecks, occ. small to medium ww stones. Very similar to 249 although much browner and higher charcoal frequency. Within Cut 522. F (sl)
- 524 Terrace cut formed by ploughing/cultivation. Medieval in date. C (te)
- 525 Terrace cut formed by ploughing/cultivation. Medieval in date. C (te)
- 600 W = 2.29m; L = 2.40m. Roughly circular, vertical-sided well cut. Contains fills 601, 602 and 603. C (cn)
- 601 Pink sandy clay; firm; freq. brick and charcoal fragments, freq. pebbles. Within 600, abuts 602. F (cn)
- 602 W = 1.47m; L = 1.47m (circular). Brick, unbonded. Within Cut 600. Contains fill 603. Abutted by 601. B (we)
- 603 Dark grey brown sand silt clay; fairly firm, slightly sticky; freq. brick, mortar and charcoal fragments, freq. small pebbles. Within 602. F (we)
- 610 L = 2.02m; W = 0.11m; H = 0.14m. Wall orientated N-S. Curb of half-bricks, unbonded. B (w)
- 611 L = 5.60m; W = 5.50m; D = 0.28m. Orientation: N-S. Brick red sand (degraded brick); variable consistency; freq. whole bricks and brick fragments, occ. lumps of pink clay, occ. lumps of grey clay, occ. small pebbles, occ. charcoal fragments, occ. burnt clay fragments. Sample No. 006. Part of 621. L
- 612 D = 0.25m. Brick firing stack. Bricks in various states of firing. Charcoal matrix, with occ. patches of grey clay. Sample No. 004. Part of 621. L
- 613 W = 5.00m; D = 0.10m. Orientation = N-S. Very dark grey silty sand; friable; freq. charcoal, burnt clay, occ. small pebbles. Equivalent to 647. Sample No. 002. L
- 614 W = 7.40m; D = 0.30m. Dark brown slightly sandy clay; firm; freq. small pebbles, charcoal and brick fragments, occ. light brown and pink clay lumps. L (dp)
- 615 Layer within terracing cut 671. Diam = 6.20m (N-S), 6.90m (E-W); D = 0.36m. Dark yellow brown slightly sandy clay; firm; occ. small to medium pebbles, brick and charcoal fragments. L (dp)
- 616 Layer within terracing cut 671. 0.16m. Brick red sand (degraded brick); friable; freq. brick fragments, occ. pebbles. Same as 652/653? L (te)
- 617 Layer within terracing cut 671. W = 6.40m; D = 0.26m. Very dark grey silty sand; friable; freq. charcoal fragments, occ. pebbles and brick fragments. L (te)
- 618 W = 2.78m; D = 0.26m. Mid brown sand silt clay; compact; freq. small pebbles, occ. brick and charcoal fragments. Cut by 671, 672. L
- 620 W = 0.46m; D = 0.10m. Mid red brown clayey sand; friable; freq. large pebbles. L
- 621 Overall number for brickworks. Contains contexts 610-618, 620, 624 and 626-666. M
- 622 Cut for Roman ditch/pit? Heavily truncated by 621. Only corner seen. No evidence as to function or associations. Contains fill 623. Cut by 671. C
- 623 Fill of cut 622. D = 0.16m Mid brown grey sandy clay; firm, slightly plastic; occ. small pebbles and yellow clay lumps. Cut by 621 and 671. F (dt)
- 624 D = 0.10m. Dark grey silty sand; friable; occ. small pebbles. Scorch/baking layer of soil underneath burnt layer 617. Cut by 671, within cut 673. L
- 625 Demolition for car-park. Not recorded. L (dem)
- 626 W = 1.80m; D = 0.74m. Mid brown sandy clay; compact; freq. small pebbles, occ. brick fragments. L (dp)
- 627 W = 1.80m; D = 0.50m. Mid brown slightly sandy clay; firm, slightly plastic; freq. pink and yellow clay lumps and patches, occ. small pebbles. L (dp)

- 628 Fill within cut 672. W = 2.08m; D = 0.82m. Mid brown sandy silty clay; fairly compact, slightly plastic; freq. small to large pebbles and brick fragments, occ. charcoal, coal and slate fragments. Within cut 656; cut by 671. F (dp)
- 629 Fill. W = 3.42m; D = 1.00m. Mid brown clay; plastic; freq. pink clay patches, occ. pebbles and brick fragments. Within Cut 656; cut by 671,672. F (dp)
- 630 D = >0.30m. Light brown slightly sandy clay; plastic; freq. brick and charcoal fragments. Within cut 656. F (pit)
- 631 Fill within pit 673. D = 0.72m. Light brown sandy clay; plastic; freq. pebbles, moderate pink and grey clay lumps and patches, moderate brick fragments, occ. charcoal fragments. Cut by 671. F (pit)
- 632 D = 0.30m. Light brown clay; plastic; occ. small pebbles and pink clay patches. Within Cut 656. F (pit)
- 633 Fill within pit 656; W = 1.26m; D = 0.40m. Light brown slightly sandy clay; plastic; occ. small pebbles, brick and charcoal fragments. F (pit)
- 634 Fill within pit 656; W = 1.76m; D = 0.44m. Light brown slightly sandy clay; plastic; freq. pink and grey clay patches and lumps, occ. small pebbles, brick and charcoal fragments. F (pit)
- 635 D = >0.70m. Pink red sandy clay; compact; occ. small pebbles. Within cut 656. Cut by 672,673. F (pit)
- 636 D = >0.30m. Mid brown slightly sandy clay; plastic; occ. small pebbles and pink clay lumps. Within cut 656. F (pit)
- 637 D = 0.90m. Mid brown sand-clay (50-50%); friable; freq. small to medium pebbles, occ. brick fragments. L (dp)
- 638 D = 0.60m. Light brown sandy clay; compact; freq. brick fragments, freq. burnt stone and freq. pebbles. L (dp)
- 639 D = 0.20m. Mid brown sandy clay; firm, plastic; freq. powered brick, moderate brick fragments, occ. coal, charcoal and slate fragments, occ. small pebbles. L
- 640 D = 0.40m. Mid grey brown silty clay; compact, slightly plastic; occ. charcoal, brick and tile fragments occ. small pebbles. Within cut 673; cut by 671. F (pit)
- 641 D = 0.60m. Mid brown slightly sandy clay; plastic; moderate brick fragments and powdered brick, occ. small pebbles, occ. yellow and grey clay lenses, occ. charcoal fragments. Within cut 673; cut by 671. F (pit)
- 642 D = 0.70m. Dark brown clay; plastic; Moderate pink clay lumps, occ. small brick fragments, charcoal fragments and small pebbles. Within cut 673; cut by 671. F (pit)
- 643 W = 2.18m; D = 0.54m. Mid brown sandy clay; plastic; occ. small brick fragments, occ. charcoal fragments, occ. small pebbles, occ. slate fragments. Within cut 673; cut by 671. F (pit)
- 644 W = 2.06m; D = 0.62m. Mid brown slightly sandy clay; plastic; occ. slate fragments, charcoal and brick fragments. Within cut 672; cut by 671. F (pit)
- 645 W = 2.76m; D = >0.90m. Dark brown slightly sandy clay; plastic; occ. small brick fragments, occ. charcoal, pebbles, pink clay patches and lumps. Within cut 672. F (pit)
- 646 W = 2.76m; D = >0.90m. Dark brown slightly sandy clay; plastic; occ. small brick fragments, charcoal fragments, pebbles and pink clay lumps and patches. Within cut 656; cut by 672,673. F (pit)
- 647 W = 0.46m; D = 0.22m. Black sandy silt; friable; occ. very small pebbles. Burnt layer/lens. L
- 648 W = 0.84m; D = 0.22m. Light brick red clayey sand; friable; freq. brick fragments, moderate charcoal, occ. brown clay patches and small pebbles. Part of 621. L (dp)
- 649 Layer within terracing cut 671. W = 0.64m; D = 0.36m. dark brown slightly sandy clay; firm; occ. pink and yellow clay lumps, occ. small pebbles. L (te)
- 650 L = 3.10m; W = 1.20m; D = 0.06m. Orientation = N-S. Light brown grey sand clay; firm; very abundant brick (90%) and brick fragments. L (dp)
- 651 D = 0.76m. Light brown slightly sandy clay; firm, slightly plastic; freq. small pebbles, moderate pink and grey clay lumps. L (dp)
- 652 Layer within terracing cut 671. W = 1.40m; D = 0.14m. Brick red fine sand (powdered brick?); friable; occ. small pebbles and charcoal fragments. Same as 616. L (te)
- 653 Layer within terracing cut 671. W = 1.20m; D = 0.20m. Dark pinkish brown sandy clay; compact, slightly plastic; occ. small pebbles. Same as 616? L (te)
- 654 D = 0.30m. Mid brown sandy clay; firm; freq. small pebbles, occ. small brick and slate fragments. L (dp)
- 655 W = 1.70m; D = 0.10m. Very light brown clay; firm, slightly plastic; occ. small pebbles, lenses of light and dark brown clay. L (dp)
- 656 Quarry pit, only partially seen (too deep for machine). Part of 621. Contains; 628 to 636, 640 to 646, and 666. C (pit)
- 657 D = >0.32m (truncated). Mid brown slightly sandy clay; firm, slightly plastic; freq. small pebbles, occ. small charcoal fragments, occ. brick fragments. Equivalent to 658. L (dp)
- 658 W = 1.40m; D = 0.24m. Mid brown slightly sandy clay; firm, slightly plastic; freq. small pebbles, freq. pink-red sandy clay lumps. Equivalent to 657. L (dp)
- 659 D = 0.60m. Brick red sand; friable; Abundant brick fragments and crushed/powdered brick patches, occ. small pebbles and charcoal fragments. L (dp)
- 660 D = 0.6m. Mid brown sandy clay; slightly plastic; Moderate yellow, pink and dark brown clays, occ. pebbles, charcoal, slate and brick fragments. L (dp)

- 661 W = 2.00m; D = 0.30m. Pink sandy clay; firm, slightly plastic; freq. light brown clay patches, occ. small pebbles and coal fragments. L (dp)
- 662 W = 1.20m; D = 0.30m. Very dark grey silty clay; friable, slightly plastic; occ. small pebbles and charcoal fragments. L (dp)
- 663 W = 1.60m; D = 0.40m. Pink sandy clay; slightly plastic; occ. small pebbles. Very clean. L (dp)
- 664 D = 0.18m. Dark grey brown sandy clay; slightly plastic; moderate small to medium pebbles, occ. brick fragments. Equivalent to 663? L (dp)
- 665 D = 0.70m. Light brown sandy clay; firm, slightly plastic; moderate pebbles, occ. small brick and charcoal fragments, occ. yellow clay lumps. L (dp)
- 666 W = 1.60m; D = 0.20m. Mid brown slightly sandy clay; plastic; occ. small brick fragments, occ. charcoal fragments. Within cut 656. F (pit)
- 667 L = 2.94m; W = 1.30m; D = 0.38m. Orientation = E-W. Mid brown slightly sandy clay; plastic; moderate small pebbles, occ. small charcoal flecks, occ. small burnt clay. Within cut 670. F (pit)
- 668 L = 2.80m; W = 1.20; D = 0.40m. Orientation = E-W. Dark brown slightly sandy clay; plastic; freq. yellow clay lenses, gravel lenses, occ. small pebbles and tile fragments. Within cut 670. F (pit)
- 669 W = 0.30m; D = 0.24m. Light brown slightly clayey sand; friable; occ. small pebbles. Within cut 670. F (pit)
- 670 L = 2.94m; W = 1.30m; D = 0.65m. Profile = Sub-rectangular steep-sided, flat-bottomed. Contains fills 667, 668 and 669. Aligned roughly E-W. No evidence as to function. C (pit)
- 671 Terracing cut; W = 8.00m (E-W), D = 0.10 - 0.30m. Equivalent to 621; contains 615-17, 648-49, 652-53; large shallow terracing cut for first phase of brick firing. C (te)
- 672 Cut of pit; W = 2.30m (E-W); D = 0.70m. Appears to cut along line of 656 (v. section 51). Contains 628, 643-45; cut by 671, 673; cuts 618, 629, 633-35, 646. C (pit)
- 673 Cut of ?pit. Max visible W = 2.40m (E-W); Max visible D = 0.70m. Contains 624, 631, 640-42; cut by 671; cuts 633-35, 643, 646, 672. C (pit)
- 674 L = 6.00m. Terrace cut for secondary brickworks firing stack. Seen only in section. Profile = shallow, flat-bottomed. C (te)
- 701 Maximum visible D = 0.55m. Steep sided terrace cut. Possible terracing for brickworks. Seen only in section. C (te)
- 702 Light brown silty clay loam; soft; freq. small to medium sub-angular and ww stones, charcoal flecks and mortar fragments, occ. bone fragments and patches of natural clay. Within cut 701. F (te)
- 703 D = 0.20m max. Creamy brown very silty clay loam; very soft; freq. charcoal fragments and flecks, patches of natural clay, occ. small sub-angular stones and slate fragments. Within cut 707. F (te)
- 704 D = 0.10-0.20m. Grey brown clay loam; fairly compact; freq. small to medium ww and sub-angular stones, patches of degraded sandstone, small slate fragments and mortar fragments. Within cut 707. F (te)
- 705 D = 0.20-0.30m. Light brown clay loam; compact; freq. small ww and sub-angular stones, charcoal flecks and tile fragments, occ. very small mortar flecks and silt lenses. Within cut 707. F (te)
- 706 Maximum visible D = 0.65m. Light brown clay loam; compact; freq. patches of degraded red sandstone, moderate charcoal flecks, small to medium ww and sub-angular stones, occ. slate and shell fragments. Within Cut 707. F (te)
- 707 Maximum visible D = 0.69m. Profile = near-vertical sides, bottom unexcavated. Seen only in section. Possibly same as 766 and 960 representing post-military/pre-rampart terracing? Contains 703-06; cuts 709-10, 714. C (te)
- 708 Maximum visible D = 0.45m. Reddish brown very clay loam; compact; freq. small to medium ww and sub-angular stones, occ. patches of natural sandstone and small charcoal flecks. L (rm)
- 709 D = 0.10-0.30m. Creamy mid brown/chestnut sandy clay loam; compact; freq. small to medium ww and sub-angular stones, moderate charcoal flecks, some tile fragments. Cut by 707. L (mk)
- 710 D = 0.15-0.45m. Dark brown clay loam; firm; abundant charcoal fragments and flecks, moderate medium sub-angular and occ ww stone, pottery and tile fragments. Small find Nos. 5003 & 5012. L (mk)
- 711 D = 0.15-0.40m. Reddish light brown sandy clay; compact; moderate medium angular stone and charcoal flecks, occ. medium to large patches of greenish yellow clay at top of context. L (rm)
- 712 D = 0.05m. Light grey silty clay loam; very soft; no inclusions. Lens of rampart material. L (rm)
- 713 D = 0.05-0.10m. Creamy grey brown silty clay; very soft; no inclusions. L (rm)
- 715 Maximum visible D = 0.20m. yellow ochre clay; very compact; freq. small and occ. medium ww and sub-angular stones. L (mk)
- 716 D = 0.10m. Light brown sandy clay loam; firm; freq. small to large ww and angular stones, sandstone fragments, occ. charcoal flecks. L (pk)
- 717 D = 0.10m. Light grey silty clay loam; soft, plastic; freq. charcoal flecks, occ. very small ww stones. Small find Nos. 5005 & 5006. L
- 718 D = 0.20m. Light brown/orange sandy clay loam; firm; freq. medium to large ww and occ. medium angular stones, sandstone fragments, charcoal flecks, pottery sherds and mortar fragments. L (dp)

- 719 Light orange sandy clay; very firm; abundant small to medium ww and angular stones compressed to form metallised surface. Possibly associated with entrance to building contexts 851 and 854. Within terrace cut 788. Same as context 855. Cut by 721; equivalent to 3116. S (mt)
- 720 L = 14.20m; maximum visible D = 0.70m. Steep, apparently one-sided cut within 721. Possible robbing or re-cutting of trench 721. C (rb?)
- 721 L = 14.20m; W = 0.30-0.45m; D = 0.40m. Steep-sided linear cut running NNW to SSE. Cuts 717-19, 723-24, 747, 879, 890. Continuous with 791. Contains 716, 771-73. C (pt)
- 722 D = 0.15m max. Creamy brown clay loam; fairly compact; moderate very small angular stones, charcoal flecks and patches of natural clay. L (mk)
- 723 D = 0.15m max. White mortar; friable; abundant small ww and angular stones. Cut by 721. L (dp)
- 724 D = 0.20m max. Mid brown/grey gravel in sandy loam matrix; loose; superabundant small ww stones. Cut by 721. L (dp)
- 725 D = 0.15m max. Soil type and contents not recorded. L (dp)
- 727 D = 0.40m max. Soil type and contents not recorded. L (rm)
- 728 D = 0.20m max. Mid brown (with orange and black mottling) sandy clay loam; compact; very freq. charcoal flecks and fragments, moderate small to medium ww and angular stones, tile, sandstone and mortar fragment, pottery sherds. Equivalent to 710. L (mk)
- 731 D = 0.05m. Light grey silty loam; soft, plastic; abundant charcoal flecks. L (dp)
- 732 D = 0.05m. Soil type and contents not recorded. L (dp)
- 733 Maximum visible D = 0.60m (truncated). Light brown sandy clay; very firm; freq. medium to large ww and occ. sub-angular stones. Cut by 744. L (rm)
- 734 D = 0.20m max. Light red very sandy clay loam; fairly soft; freq. small ww and angular stones, charcoal smears. L (rm)
- 735 D = 0.20m max. Creamy brown very clay loam; soft; moderate small to medium ww stones, charcoal smears and redeposited natural clay patches. L (rm)
- 736 D = 0.20m max. Very light brown sandy loam; friable; occ. small ww stones and charcoal flecks. L (rm)
- 737 D = 0.10m. Light grey clay loam; soft; moderate charcoal flecks. L (rm)
- 738 D = 0.30m max. Creamy brown very clay loam; soft; moderate charcoal flecks, occ. small ww stones. Cut by 744. L (rm)
- 739 D = 0.40m max. Light creamy brown very clay loam; soft; abundant red and grey clay patches, moderate ww and occ. angular stones. Cut by 744. L (rm)
- 740 D = 0.05m. Rust brown/black clay loam; friable; iron pan and manganese stain, moderate medium sub-angular stones. Cut by 744. L (rm)
- 741 D = 0.20m max. Creamy brown slightly sandy clay loam; soft; occ. small ww stones and charcoal flecks. Same as 365? Cut by 744. L (rm)
- 742 D = 0.25m max. Deep red sandy clay; soft; moderate small to medium ww and angular stones and charcoal flecks. First layer of primary rampart. Same as 70, 240, 367, 462 and 521. Cut by 744, 814. L (rm)
- 744 D = Not bottomed (depth unknown). Deep well cut. Contains 745, 783. C (we)
- 745 Brick-lined well (Post-medieval). Within Cut 744. B (we)
- 746 D = 0.30m max. Creamy brown sandy clay loam; compact; occ. small ww stones, charcoal and sandstone fragments. L (rm)
- 747 D = 0.20m max. Chestnut brown sandy clay loam; fairly compact; freq. small to medium ww and angular stones, freq. large ww stones, mortar, shell and charcoal fragments, occ. large volcanic fragments and bone fragments (possibly a soft trodden surface on top?) Cut by 721. L (dp)
- 748 D = 0.15m max. Light chestnut brown sandy clay loam; compact; occ. small ww stones, mortar and charcoal flecks. L (dp)
- 749 Cut for post-medieval pit (heavily truncated). Fill is 750. C (pit)
- 750 Black/red clay in sandy loam matrix; firm; abundant charcoal fragments and clay patches, freq. small to medium ww stones, very small slate fragments, occ. mortar fragments. Within cut 749. F (pit)
- 753 D = 0.40m max. Mid brown clay loam; compact; freq. charcoal, small/medium ww and sub-angular stones, occ. patches red sandstone. Equivalent to 202, 3028, 3096. Post-military soil development. Cut by 754. Below all rampart material. L
- 754 W = 1.55m; D = 0.70m max. Profile = steep-sided, flat-bottomed ditch aligned E-W. Continuous with 911. Cut by 749. Contains 755, 757-58, 760, 796-97, 799, 800-01. Major early Roman ditch. Runs beneath inside face of city wall and removed by later post-medieval terracing. C (dt)
- 755 Mid brown sandy gravels; loose; superabundant very fine ww stones, abundant small to medium ww stones. Within Cut 754. Primary fill of ditch 754. F (dt)
- 757 Dark brown sandy gravels; loose; abundant small ww stones, occ. slate fragments and charcoal flecks. Within Cut 754. Lower fill of ditch 754. F (dt)
- 758 Light brown sandy clay loam; compact; freq. small to medium ww stones, occ. degraded sandstone patches, mortar and charcoal flecks. Within Cut 754. F (dt)

- 760 Creamy brown sandy gravels; loose; abundant small ww stones and grit, occ. small angular stones and charcoal flecks. Upper fill of primary ditch 754. F (dt)
- 761 D = 0.15m. Creamy brown very clay loam; soft; moderate small to medium angular and sub-angular stones, degraded sandstone patches, occ. charcoal flecks. Dumped infill of terrace 813. L (rm)
- 762 Maximum visible D = 0.40m (truncated). Red mixed clay/sandy clay; very firm; freq. medium to large sub-angular stones, silt lenses, tile and slate fragments. Slumping into partially filled ditch 813. L (rm)
- 763 D = 0.20m max. Light grey sandy clay loam; soft; moderate small sub-angular stones, charcoal flecks and patches of degraded sandstone. Within Cut 813. F (dt)
- 764 D = 0.15m max. Mixed red/grey sandy clay loam; firm; abundant natural clay patches, freq. medium sub-angular stones, occ. small slate and charcoal fragments. Within cut 813. Cut by 960. F (dt)
- 765 D = 0.40m max. Light brown sandy loam; compact; freq. medium angular and occ. small ww stones, occ. slate fragments.
- 766 D = 0.90m (truncated?). Profile = near-vertical, flat-bottomed. Seen only in section. Possibly same as 707 and 960? Pre-rampart, post-military terracing? Contains 765, 768-69. Cuts 767. C (te)
- 767 D = 0.90m max. Light brown sandy clay loam; firm; freq. medium and occ. large sub- angular stones and charcoal flecks. Within cut 754. Cut by 766. F (dt)
- 768 Light brown sandy clay loam; soft; moderate charcoal smears, occ. very small angular stones. Within Cut 766. F (te)
- 769 Red brown clay loam; very compact; freq. small ww stones and patches of natural clay, occ. medium sub-angular stones. Within cut 766. Seen only in section. F (te)
- 770 D = 0.20m (truncated). Light brown sandy clay; compact; freq. patches of natural clay, charcoal fragments and small to medium sub-angular stones. First layer of primary rampart. L (rm)
- 771 D = 0.30m max. Soil type and contents not recorded. Primary rampart material. Equivalent to 703. L (rm)
- 772 Mid brown orange mottled black sandy silty clay loam; compact; very freq. charcoal fragments and flecks. Within Cut 721. Possible robbing/re-cut of post trench 773 or slumped make up. F (pt)
- 773 Mid brown grey silty sandy clay loam; firm; occ. small to medium ww and angular stones. Within Cut 721. Cut by 720. L (mk)
- 774 D = 0.40m max. Soil type and contents not recorded. Primary rampart material. Cut by 744. L (rm)
- 775 D = 0.15m max. Light brown very sandy loam; friable; freq. very small to medium angular and sub-angular stones, moderate charcoal flecks, occ. ww stones and degraded sandstone patches. Rampart material. Cut by 744. L (rm)
- 776 D = 0.30m. Reddish brown sandy clay loam; friable; freq. small to medium ww and sub-angular stones, moderate mortar flecks, occ. charcoal flecks and fragments. Rampart material. Cut by 744. L (rm)
- 777 D = 0.15m (truncated). Creamy brown sandy clay; compact; occ. small ww stones and charcoal flecks. Primary rampart material. Cut by 744. L (rm)
- 780 D = 0.10m. Light brown sandy clay loam; firm; occ. small ww and angular stones, charcoal flecks and tile fragments. Lower fill of terrace 788. L (mk)
- 781 D = 0.20m max. Creamy light brown sandy clay loam; firm; moderate small to medium ww stones, occ. charcoal flecks. Cut by 846. Horizon between initial fills of terrace 788 and cutting of post trench 721. L (dp)
- 782 D = 0.20m max. Creamy light brown sandy clay; firm, plastic; freq. small to medium ww and angular stones, occ. charcoal flecks. Some slumping into cut 846. Cut by 916. L (mk)
- 783 Creamy brown sandy loam; compact; occ. brick fragments, charcoal flecks and patches of natural clay and degraded sandstone. Packing for post-medieval well 745. Within cut 744. F (pk)
- 785 D = 0.05m. Red sandy clay; compact, plastic; some fine gravel, occ. charcoal flecks. Small lens of redeposited natural sandstone. L (dp)
- 786 D = 0.15m (truncated). Mid brown orange sandy clay; compact, friable; freq. sandstone and slate fragments, small to medium ww stones. L
- 787 D = 0.20m. Mid dark brown grey sandy clay loam; compact; freq. small to medium ww and angular stones, occ. bone, mortar, slate and charcoal fragments, patches of natural clay and degraded sandstone. Within cut 808? L
- 788 Maximum visible L = 21m; D = 0.70m max. Linear terrace cut aligned N-S parallel to post trench 793. Steep cut to the E, flat-bottomed. Contains 780, 811 and 812; cut by 791. C (te)
- 789 W = 0.70m; D = 0.30m. Profile = small sub-rectangular. Truncated. Fill not recorded. C (pit)
- 790 Maximum visible D = 0.25m. Creamy brown slightly sandy silty clay; soft; freq. ww and occ. sub-angular stones. Cut by 744, 846 and 929. L
- 791 L = 4.30m; W = 0.50m max.; D = 0.50m max. Linear post-trench cut aligned E-W. Profile = steep-sided, flat-bottomed. Continuous with 721. Contains fill 792. Cuts 788, 793, 843-45, 893. C (pt)
- 792 Soil type and contents not recorded. Within Cut 791. F (pt)
- 793 Maximum visible L = 18m; W = 0.40m; D = 0.40m max. Linear post-trench cut aligned N-S parallel to 721. Profile = steep-sided, flat-bottomed. Contains 782, 794, 810, 922; cut by 791, 808, 916. C (pt)
- 794 Mixed light brown grey silty gravels; compact; abundant small-medium ww and sub-angular stones, freq. silt lenses, occ. charcoal flecks. Within cut 793. F (pt)

- 796 Grey gravels; loose; abundant fine gravels, occ. silty clay lenses. Within cut C754. F (dt)
- 797 Yellow ochre gravels; loose; abundant medium to large ww and sub-angular stones, some root disturbance. Within cut 754. F (dt)
- 799 Grey gravels; loose; abundant medium to large ww stones, occ. clay and silt lenses, some root disturbance. Within cut 754. F (dt)
- 800 Light brown gravels in silty clay matrix; friable; abundant small to medium gravels, occ. charcoal fragments. Within cut 754. F (dt)
- 801 Light brown gravels in silty clay matrix; fairly loose; abundant small ww stones, occ. charcoal flecks, some root disturbance. Within cut C754. F (dt)
- 803 D = 0.20m max. Mid brown (with orange and black mottling) sandy clay; firm; freq. small to medium w stones, charcoal flecks and manganese staining. Natural accumulation within terrace cut C788. L (te)
- 804 D = 0.05m. Light brown clay loam; compact; occ. small to medium ww angular stones, charcoal flecks, tile and slate fragments. Within cut C808. F (dt)
- 805 D = 0.15m. Mid brown sandy clay loam; firm; moderate small to medium ww and angular stones. Equivalent to 743. L
- 808 Truncated base of pit/ditch/terrace (function unknown). Contains fills 786, 787 and 804. C
- 809 Light to mid brown clay loam; very compact; freq. medium ww and sub-angular stones, moderate mortar fragments. General debris/dump layer, seals primary slots and trenches and pits. L (dp)
- 810 Light brown sandy loam; fairly compact; moderate small ww stones, sandstone patches, occ charcoal flecks. Within cut 793. F (pt)
- 813 W = 1.90m max. D = 0.85m max. (only survives intact for 2m approx.). Profile = flat-bottomed, U-shaped. Orientation = N-S. Contains fills 763, 764, 881 and 915. Continuous with 893. C (dt)
- 814 Vertical construction cut for Roman City Wall 815 through primary rampart material. Contains 815. Cuts Natural, 742 and 743. C (cn)
- 815 Large volcanic stones in loam packing. Roman City Wall. B (wf)
- 816 Cut for pit (ditch?). Profile = fairly steep-sided, flat-bottomed (seen only in section). Contains fill 817. C (pit)
- 817 Soil type and contents not recorded. Within cut 816. F (pit)
- 818 Maximum visible D = 0.55m. Large flat-bottomed (truncated) post-medieval pit. Contains fill 819. C (pit)
- 819 Soil type and content not recorded. Within Cut 818. F (pit)
- 820 Soil type and contents not recorded. Rampart material containing turves. L (rm)
- 821 Maximum visible L = 4.20m; W = 0.25m; D = 0.15m. Profile = fairly steep-sided, shallow, flat-bottomed closed 'U'. Orientation = E-W parallel to ditch 754 (though dissimilar in profile and fill). Cuts 743/753. Contains 822. C (dt)
- 822 Patchy light red brown very clay loam; compact; moderate small to medium ww stones and gravels, occ. tile fragments and charcoal flecks. Within Cut C821. Sealed by rampart. F (dt)
- 823 Maximum visible D = 0.15m (truncated). Light brown sandy clay loam; very compact; moderate medium angular and sub-angular stones, occ. tile fragments and charcoal flecks. Primary rampart material. L (rm)
- 824 Maximum visible D = 0.20m. Light red sandy clay loam; very compact; freq. small ww and small to medium sub-angular stones, moderate charcoal flecks. Primary rampart material. Truncated by machining and cellars. L (rm)
- 825 D = 0.10m. Brown slightly clay loam; fairly soft; freq. patches of degraded natural sandstone and charcoal flecks, moderate small ww stones. Primary rampart material. Same as 770. L (rm)
- 826 D = 0.05m. Dark brown clay loam; fairly soft; occ. small ww and sub-angular stones, mortar and slate fragments. Primary rampart material. L (rm)
- 827 D = 0.15m max. Light brown silty clay loam; fairly soft; freq. charcoal flecks and fragments, moderate small to medium sub-angular stones, occ. patches of natural clay and degraded sandstone. Primary rampart material. L (rm)
- 828 D = 0.05m. Light red clay loam; fairly soft; freq. patches natural sandstone, moderate charcoal flecks, occ. small sub-angular stones. Primary rampart material. L (rm)
- 829 D = 0.05m. Slightly reddish brown sandy clay loam; friable; moderate charcoal smears, occ. small ww and sub-angular stones. Primary rampart material. L (rm)
- 830 D = 0.20m max. Light brown sandy clay; friable; abundant charcoal, moderate small sub- angular stones and patches of yellow natural clay. Primary rampart material. L (rm)
- 831 D = 0.10m. Light brown clay loam; fairly soft; freq. charcoal flecks, moderate small ww stones. Primary rampart material. Cut by 744. L (rm)
- 832 D = 0.05m. Creamy brown slightly silty clay; compact, plastic; occ. charcoal smears and tile fragments. Primary rampart material. L (rm)
- 833 Maximum visible D = 0.20m. Soil type and contents not recorded. Primary rampart material. Cut by 744. L (rm)
- 835 D = 0.10m max. Mid brown (with orange hue) sandy clay; firm; occ. medium ww stones. Within Cut 788. L (dp)

- 836 D = 0.20m. Mid brown orange sandy clay; firm; occ. medium ww stones. Within Cut 788. L (dp)
- 837 D = 0.20m max. Mid brown (with orange/black mottling) sandy clay; firm, slightly plastic; occ. medium ww stones and manganese staining. Within Cut 788. L (dp)
- 838 D = 0.10m max. Mid brown orange silty sandy clay; firm, slightly plastic; some manganese staining. Within cut 788. F (te)
- 840 D = 0.20m max. Mid brown grey gravel in clay loam matrix; fairly compact; abundant small to medium ww stones, moderate manganese staining. Within cut 813. Small find No. 5009. F (dt)
- 841 Light to mid-brown orange sandy clay loam; firm, friable; occ. small ww stones, charcoal fragments and manganese staining. Within cut C788. L (te)
- 842 L = 2.20m; W = 0.40m; D = 0.66m. Orientation E-W. Profile steep-sided, flat bottomed. Contains fills 843, 844 and 845. Continuous with 854. Cut by 791. C (pt)
- 843 Light red crushed sandstone and fine gravel mix; loose. Within Cut 842. Cut by 791. F (pt)
- 844 Grey coarse gravels; fairly compact, concreted; abundant small to medium ww stones, occ. mortar and beerstone fragments. Within Cut 842. Cut by 791. F (pt)
- 845 Mixed red-grey coarse gravels in sandstone matrix; fairly loose; occ. Beer stone fragments. Within cut 842. Cut by 791. F (pt)
- 848 L = 1.0m approx. W = 0.95m; D = 0.60m max. Profile = large rectangular steep sided and flat bottomed. Contains fill 849. C (pit)
- 849 Mid brown sandy clay loam; fairly loose; abundant very small ww stones and grit. Within cut 848. F (pit)
- 850 L = 3.30m (W end cut out by post-medieval cellar); W = 0.35m (truncated); D = 0.35m. Profile: near-vertical, deep and flat-bottomed linear cut. Contains fill 857. Cut by 856. C (pt)
- 851 L = 0.80m; W = 0.55m (truncated); D = 0.70m. Profile = large, rectangular, vertical, flat-bottomed pit. Contains fill 858. Continuous with 850. Cut by 856. C (ppt)
- 852 D = 0.20m. Profile = small, shallow, circular post-hole. S half removed by post-medieval cellar. Contains fill 859. C (ph)
- 853 D = 0.25m. Profile = small shallow circular post-hole. Contains fill 860. Cuts 855 and natural. C (ph)
- 854 L = 1.20m; W = 0.80m; D = 0.90m. Large, rectangular, vertical-sided, flat-bottomed pit. Contains fills 845 and 861. Continuous with 842. Equivalent to 851. Cuts 855 and natural. C (ppt)
- 855 Extensive metallated natural. Same as 719. Make-up = very compact small to medium ww and sub-angular stones set into natural. Equivalent to 3116. Cut by 721,791,842,850-54. S (mt)
- 857 Light brown (with pink hue) sandy clay; compact, friable; freq. small to medium ww and angular stones, sandstone fragments and grit. Within Cut 850. Basically the same as 858. F (pt)
- 858 Light brown (with pink hue) sandy clay; compact, slightly plastic; freq. small to medium ww and angular stones, sandstone fragments and grit, several large volcanic stones at the bottom. Within Cut 851. Cut by 856. F (ppt)
- 859 Mixed red-grey coarse gravels in sandstone matrix; fairly loose; occ. Beerstone fragments. Within Cut 852. F (ph)
- 860 Mixed red-grey coarse gravels in sandstone matrix; fairly loose; occ. Beerstone fragments. Within cut 853. F (ph)
- 861 Purple red sandy clay; fairly compact; several large volcanic stones. Within cut 854. Continuous with 842. F (ppt)
- 862 D = 0.10m max. Red sandy clay; compact; no inclusions. Redeposited natural. L
- 863 Mixed red-grey black brown gravel in sandy clay matrix; fairly loose; abundant small to medium ww stones, grit, freq. large volcanic trap blocks, mortar patches and beerstone fragments. Equivalent to 724. L (dp)
- 864 Light brown beige sandy clay loam; firm; occ. small to medium ww stones and manganese staining. Equivalent to 803, 836, 837 and 841. L (te)
- 865 L = 0.70m; W = 0.20m; D = 0.08m max. Orientation = E-W. Profile = short, narrow and shallow trench. Contained three small post-holes; 924, 925 and 926. Contains fill F878. Continuous with cut 872. Cut by 924-926. C (pt)
- 866 L = 1.80m; W = 0.30m; D = 0.15m. Orientation = N-S. Narrow, shallow trench. Contains fill 873. Equivalent to 869? C (pt)
- 867 Large sub-circular pit. Contains two separate post-holes 927 and 928. Contains fill 874. Cut by 927. C (ppt)
- 868 Small rectangular post-hole. Contains fill 874. C (ph)
- 869 L = 1.30m; W = 0.20m; D = 0.15m max. Orientation = N-S. Narrow, shallow trench. Contains fill F875. Equivalent to 866? C (pt)
- 870 Large near circular post-hole. Continuous with 871. Contains fill 876. Cut by 955. C (ph)
- 871 L = 4.00m; W = 0.35m; D = 0.15m max. Orientation = E-W. Wide shallow trench continuous with 870. Contains fill F877. Continuous with 870. C (pt)
- 872 L = 2.50m; W = 0.30m; D = 0.40m. Orientation = E-W. Wide shallow trench continuous with 865. Contains fill F878. C (pt)
- 873 Light brown sandy clay; compact; occ. small to medium ww stones, charcoal flecks and patches of natural clay. Within Cut C866. F (pt)



- 874 Dark brown clay loam; very compact; occ. tile, mortar and charcoal fragments, some fine gravel. Within Cuts 868, 927 and 928. F (pt)
- 875 Light brown sandy clay; compact; occ. patches of natural clay, charcoal fragments and small ww stones. Within Cut 869. F (ph)
- 876 Mid brown clay loam; loose; freq. charcoal fragments and flecks, small ww stones. Within 870 and 955. F (ph)
- 877 Mid to dark brown clay loam; very compact; freq. small ww stones, occ. charcoal fragments and patches of natural clay. Within cut 871. F (pt)
- 878 Light brown sandy clay; compact; occ small to medium ww stones, charcoal flecks and patches of natural clay. Within cut 872. F (pt)
- 879 Mid brown clay loam; firm, plastic; abundant oyster and mussel shell fragments, freq. bone fragments and pottery sherds, charcoal flecks and fragments. Equivalent to layer 3003. Cut by 721. L (dp)
- 881 Creamy light brown sandy clay loam; firm; freq. small to medium ww and angular stones, charcoal flecks and manganese staining. Within cut 813. F (dt)
- 888 Mid brown sandy gritty clay loam; compact; abundant small to medium ww stones, occ. charcoal flecks and large angular stones. Within cut 813. F (dt)
- 889 Light orange sandy clay; very firm; occ. small to medium ww stones. Within Cut 788. L (dp)
- 890 Purple red stony gravel; very hard and loose; abundant crushed volcanic fragments and gravel. L (dp)
- 893 L = 20.0m; W = 0.30m; D = 0.20m. Orientation=N-S. Profile varies from near vertical-sided, flat-bottomed 'U' to closed steep-sided 'V'. Ditch cleaning slot at base of 813. Continuous with ditch cut 813. Cut by 791. C (sl)
- 894 Sandy clay loam; soft and gritty; occ. small ww stones and patches of natural sandstone. Within Cut 893. F (sl)
- 895 Brick red sandy clay; redeposited natural sandstone. Within Cut 893. Cut by 952. F (sl)
- 896 D = 0.30m. Small sub-circular post-hole cut. Contains fills 897 and 907. C (ph)
- 897 Brown silty clay loam; very soft; freq. very small ww stones. Within cut 896. Continuous with 907. F (ph)
- 898 D=0.12m. Shallow and circular post-hole cut. Contains fill 899 and 908. C (ph)
- 899 Light brown very sandy loam; soft; abundant gravels. Within Cut 898. Continuous with 908. F (ph)
- 900 D = 0.10m; Circular and shallow. Contains 901,909. C (ph)
- 901 Same as 899. Continuous with 909. Fill of post-hole 900. F (ph)
- 902 D = 0.24m; circular and shallow. One of a series of post holes. Contains 902,910. C (ph)
- 903 Light brown soft and very friable very sandy loam. Contains a mix of natural gravels, otherwise clean. Fill of post hole 902. F (ph)
- 904 D = 0.15m; circular. Small, probably truncated. Post-hole at north end of ditch 813; relationship with same unclear due to 2-3cm gap between them. Cuts fill 906 (in ditch 911). C (ph)
- 905 Mid dark brown/grey/black firm plastic silty clay loam. Contains occ.small ww stones, charcoal flecks, and manganese staining. Fairly clean. Fill of post hole 904. F (ph)
- 906 Creamy light brown compact friable sandy clay loam. Contains many medium/large ww stones at bottom of ditch; very gritty. Cut by 913, 904, 813. Fill of post-hole 911. F (ph)
- 907 Within post hole 896. Contains 956. M (ppi)
- 908 Within post hole 898. Contains 957. M (ppi)
- 909 Within post hole 900. Contains 958. M (ppi)
- 910 Within post hole 902. Contains 959. M (ppi)
- 911 Runs E-W. L = 2.10m; W = 0.80m; D = 0.35m. Cut out by cellar. Probably western end of ditch 754 but unseen in central section due to cellar cut outs. C (dt)
- 912 Layer within terrace cut 766?. Mid light brown very hard and compact sandy clay loam. Contains many small/medium ww stones. Cut by 961. L
- 915 Mid brown/grey/black very hard and compact gravel. Contains gravel, grit, medium/small ww stones and much dark iron pan. Fill of cleaning slot at bottom of ditch 813. F (dt)
- 916 Possibly re-cut. D = 0.35m. Contains 917,918 and cuts 782 and 922. Within slot 846, similar to cut 720 within contemporary slot 721. C (rb)
- 917 Light brown/orange firm friable sandy clay loam. Contains occ med/small ww stones, charcoal flecks and sandstone flecks. Upper fill of ?robbing cut 916. F (rb)
- 918 Light/mid brown firm but slightly plastic silty sandy clay loam. Contains occ.charcoal flecks and frags., and small/medium ww stones. Base fill of ?robbing cut 916. F (rb)
- 922 Mid grey/brown firm gritty sandy clay loam. Contains small and medium ww and angular stones. Base fill of post trench. Cut by 916. Equivalent to 794. Fill of 793. F (pt)
- 923 Mid light brown firm friable slightly sandy clay loam. Contains small/med. ww and angular stones and sandstone fragments. Cut by 793, 808. L
- 924 D = 0.20m. Small circular post hole within post trench 865. C (ph)
- 925 D = 0.15m. Small circular post hole within post trench 865. Contains 878. C (ph)
- 926 D = 0.14m. Small circular post hole within post trench 865. C (ph)

- 927 D = 0.40m. Contains 874. Post hole bottom within larger cut 867. C (ph)
- 928 D = 0.36m. Base of post hole within larger cut 867. Contains 874. C (ph)
- 929 Diam = 0.30m; D = 0.13m. Small shallow post hole cutting natural (790). To east of post trench 793. C (ph)
- 930 Runs E-W. L = 1.40m; W = 0.40m; D = 0.20m. Wide shallow ditch. Contains 937, 941, 942, 938. Cuts natural 2134. C (dt)
- 931 L = 1.40m; W = 1.20m; D = 0.70m. Rounded rectangular largish pit. Contains 936, 947. Cuts natural. C (pit)
- 932 L = 1.30m; W = 0.50m; D = 0.30m. Small long oval pit. Deeper to east. Cuts 930, 937. C (pit)
- 934 Mid dark brown purplish firm but crumbly clay loam. Contains occ. charcoal frags., shell frags., small/medium ww stones and patches of grey sandy silt. Within pit 932. Gets more compact and more silty at the bottom. F (pit)
- 936 Mid brown firm friable sandy clay loam. Contains charcoal flecks and frags., sandstone frags, small-medium ww stones, many large blocks of volcanic stone around the centre. Fill of pit 931. F (pt)
- 937 Mid light brown firm, quite plastic sandy very clayey loam. Contains grit, gravel, small ww stones, charcoal flecks and frags, Beer stone and volcanic frags, pot and tile. Within ditch 930. F (dt)
- 938 Patchy gravel layer, freq large ww stones. Cut by 948. Fill of ditch 930. F (dt)
- 939 W = (N-S) 1.40 - (E-W) 0.30m; D = 0.22m. Mid dark brown sandy clay; firm, slightly plastic; Contains small to medium pebbles, charcoal and tile frags. Fill of ditch 940. F (dt)
- 940 L = 1.40m; W = 0.30m (E-W); D = 0.22m. Small truncated pit. Only part of east side surviving. C (pit)
- 941 Light grey/green fairly firm (almost plastic but friable) silty slightly sandy clay loam. Contains charcoal flecks and frags. small/medium ww and angular stones. Fairly clean. Fill of ditch 930. F (dt)
- 942 Mid brown/mixed, very compact, sandy clay loam. Contains small/med./large ww and angular stones, sandstone and tile frags. and charcoal flecks and frags. Fill of ditch 930. F (dt)
- 943 Dark brown compact sandy clay. Contains med/large pebbles and charcoal flecks. Upper fill of pit. Not excavated. Fill of pit 946. F (pit)
- 944 Light grey/brown slightly plastic firm slightly sandy clay. Contains occ. small pebbles. Fairly clean. Apparently identical to 950. Middle fill in pit 946. Not fully excavated. F (pit)
- 945 Mid brown coarse compact slightly sticky clay-sand. Contains small pebbles (c.5%), charcoal and tile frags. Lower fill of pit 946. Not fully excavated. F (pit)
- 946 L = 3.10m N-S; W = 2.70m E-W; D = 0.80m. Large shallow sub-rectangular pit. Contains 943, 944, 945. Continuous with 951? C (pit)
- 947 Mid chestnut brown firm, quite plastic, sandy clay loam. Contains abundant charcoal flecks and frags. and burnt crushed bone. Lower fill of pit 931. F (pt)
- 948 D = 0.60m. Smallish circular pit. Cuts 941, 937, 938. C (pit)
- 949 Dark brown firm, quite plastic, crumbly clay loam. Contains small/med ww stones, charcoal flecks, sandstone and bone frags. Fill of 948. F (pit)
- 950 Light grey/brown slightly plastic firm slightly sandy clay containing occ. small pebbles. ?Same as 944. Fill of 951. F (dt)
- 951 L = 1.65m E-W; W = 0.60m N-S; D = 0.23m. Heavily truncated ditch cut aligned E-W. Contains 950; cuts 667. C (dt)
- 952 D = 0.20m. Irregular ovoid cut. Naturally derived. C (pit)
- 953 D = 0.25m. Small steep-sided flat-bottomed cut. Function unclear. C (pit)
- 955 D = 0.15m. Sub-circular. Contains 876. C (ph)
- 956 Associated with post hole 896. Fill of 907. F (ppi)
- 957 Fill of 908. F (ppi)
- 958 Associated with post hole 900. Fill of 909. F (ppi)
- 959 Associated with post hole 902. Within 910. F (ppi)
- 960 D = 0.20m. (Seen only in section). Profile = gently sloping, possibly obliquely. Possible equivalent to 707, 766 which represent post-military terracing, pre-rampart. C (te)
- 961 Runs E-W. W = 0.50m. Large Heavitree block in cream/white mortar. Victorian cellar all. Continuous with 962; Cuts 96, 911, 912. B (w)
- 962 Runs N-S. W = 0.50m. Large Heavitree blocks in cream/white mortar. Victorian cellar wall. Continuous with 961. B (w)
- 963 Runs N-S. W = 1.20m. Brick and Heavitree stone. Victorian cellar wall. Continuous with 964 & 965. B (w)
- 964 Runs E-W. Brick and Heavitree stone. Victorian cellar wall running parallel to 965. Continuous with 963. B (w)
- 965 Runs E-W; Brick and Heavitree stone. Victorian cellar wall parallel to 964. Continuous with 963. B (w)
- 966 Within cut 967. Brick set in creamy white mortar. B (wf)
- 967 Within 966. C (wf)
- 968 Aligned N-S. Max W = 0.50m; Max D = 0.20m. Cuts 251. Parallel with City Wall. Shallow open 'U' profile. C (pt)

- 971 D = 0.80m max. (machined). Vertical flat-bottomed cut containing modern brick foundations. Filled with modern demolition debris. Seen only in section. C (cn)
- 972 D = 0.80m max (machined). Two vertical courses of bricks, laid flat, abutting revetment wall 974. Repair. Seen only in section. B (wf)
- 973 D = 0.80m max. Soil type and contents not recorded. Within cut C971. F (cn)
- 974 H = 2.50m max. (machined). Well hewn Heavitree blocks, abutting City Wall. Cuts Primary and Secondary rampart material. Revetment wall for City Wall. B (w)
- 975 D = 0.40m max. Soil type and contents not recorded. Primary rampart material, seen only in section. L (rm)
- 976 D = 0.80m max. Soil type and contents not recorded. Primary rampart material, seen only in section. L (rm)
- 977 D = 1.00m max. (machined). Soil type and contents not recorded. Secondary rampart material, seen only in section. L (rm)
- 2000 Defensive V-shaped ditch, deep and steep-sided. Equals 3070. Runs N-S. Max W = 3.40m; Max D = 1.90m. Contains 2005, 2006, 2007, 2018, 2117, 2125, 2127, 2172-75, 2165-6. Cuts natural 2176, 2177, 2126, 2136. C (dt)
- 2001 Runs N-S. Max W = 0.70m; Max D = 0.60m; Steep-sided profile, flat bottom. Contains 2035. Cuts 2130, 2195, 2215, 2214 and natural 2136-7, 2143, 2026. Very shallow; running at an angle between ditches 2000 and 2002. C (wc)
- 2002 Deep steep-sided defensive ditch also used by accident or design as stream. Runs Max W = 2.50m; Max D = 2.30m. Same as 288,332; merges with 2003 to become 507. Cut by 2033; cuts natural. C (dt)
- 2003 Channelled stream. Max W = 3.40m; Max D = 2.00m. Steep-sided and deep profile though irregular and undercut. merges with 2002 to become 501. Contains 2019-2025, 2036-37, 2104-08. Cut by 2033; cuts natural. C (wc)
- 2005 D = 0.10 - 0.40m. Mid brown compact friable sandy clay loam. Contains freq. med/large ww stones, charcoal flecks, sandstone frags, occ. tile and pot frags. Cut by 2178. Within 2000. F (dt)
- 2006 D = 0.10 - 0.30m. Light tan very compact and friable very fine silty sandy clay. Contains occ. med. ww stones, charcoal flecks, patches of bluey clay (turf). Fill of ditch 2000. Small find Nos 5020, 5023, 5055 and 5062. F (dt)
- 2007 D = 0.04-0.20m. Beige/tan firm friable slightly greasy fine sandy silty clay. Contains medium ww stones, freq. lenses small ww stones, grit. Within 2000. F (dt)
- 2008 D = 0.20-0.30m. Very light beige fairly compact fine sandy clay. Abundant med/small ww stones, some manganese staining. Natural alluvial deposits and gravels. L
- 2009 D = 0.10-0.40m. Light beige, spotted black compact fine sandy clay. Contains occ. abundant manganese frags., occ. sandstone frags. Natural alluvial deposit. L
- 2010 D = 0.10-0.30m. Mid/light beige spotted black compact and sticky fine sandy clay. Contains occ. med/large ww stones, abundant manganese frags. Natural alluvial deposit. L
- 2011 D = 0.20-0.60m. Fawn firm and sticky fine sandy clay. Contains freq. manganese staining and frags, occ small/med ww stones, very occ. charcoal frag. Natural alluvial deposit. L
- 2012 D = 0.20-0.35m. Mid beige firm and sticky fine sandy clay. Contains very occ. small ww stones, very occ. charcoal fleck, some fine gravel, some manganese staining. Natural alluvial deposit. L
- 2013 D = 0.80m. Fawn/pink/yellow very compact, quite friable, fine sandy clay. Contains very occ. small ww stones and manganese staining. Natural alluvial deposit; bedrock. L
- 2015 D = 0.30-0.60m. Beige/fawn compact and sticky fine sandy clay. Contains occ. small ww stones and manganese staining, charcoal flecks and frags mostly at bottom of layer but some throughout. Natural alluvial deposit. L
- 2016 D = 0.10-0.30m. Mid beige firm and sticky very fine sandy clay. Contains very occ. small/med ww stones, manganese staining and charcoal flecks and frags. Natural alluvial deposit. L
- 2017 D = 0.20-0.60m. Beige/fawn compact and friable fine sandy clay. Contains abundant small/med ww and angular stones, occ charcoal flecks and frags. Natural alluvial deposit. Dirtiest and roughest of alluvial layers. L
- 2018 D = 0.10-0.20m. Brick red compact sandy clay. Redeposited (weathering) - natural sandstone at very bottom of ditch. Within 2000. F (dt)
- 2020 D = 0.15-0.35m. Mid brown with slight reddish hue, firm friable fine sandy silts. Contains occ. small/med ww stones, charcoal flecks and frags, oyster shells. Within 2033. Small find Nos 5024, 5025 and 5034. F (wc)
- 2021 D = 0.10-0.40m. Light beige, with greenish hue, compact, plastic fine sandy silty clay. Contains occ small/med ww stones, sandstone frags and charcoal flecks. Within 2033. F (wc)
- 2022 D = 0.10-0.30m. Mid light brown, with pinkish hue, loose fine silty sands. Contains small/med/large ww and angular stones, much oyster shell, mussel shell, charcoal flecks and frags, pot, tile and bone. Within 2033. F (wc)
- 2023 D = 0.05-0.15m. Beige/greenish yellow firm plastic silty sandy clay. Contains small/med ww stones and charcoal flecks. Thin lens of clay between two layers of dirty silty sands. Within 2003. F (wc)

- 2024 D = 0.10-0.40m. Creamy/mid-brown/pink firm silty sandy clay. Contains many charcoal flecks and frags, and some pot and tile frags. Within 2003. F (wc)
- 2025 D = 0.05-0.25m. Mid brown mostly loose very sandy silty clay with more compact clay patches. Contains very freq. small and freq. med/large ww stones, freq. shell and charcoal frags and flecks, pot, tile and bone frags, much grit and occ. clay patches. Within 2003. F (wc)
- 2026 D = 0.10-0.45m. Dull mid brown/beige firm friable fine sandy clay. Contains occ small/med ww stones and charcoal flecks. Cut by 2001, 2033. Within 2002. Small find Nos 5026 and 5061. F (dt)
- 2027 Post-medieval cess-pit? Contains fill 2028. C (pit)
- 2028 Fill within Cut 2027. Soil type and contents not recorded. Finds included post-medieval pot and bone. F (pit)
- 2029 Max D = 0.20m. Mid brown firm plastic fine sandy silt containing much charcoal and occ med ww stones. Within 2002. Small find Nos 5028 and 5057. F (dt)
- 2030 Max D = 0.30m. Mid brown firm plastic coarse sandy silt. Contains much charcoal, occ med ww stones and occ oyster shell frags. Within 2002. Small find No. 5030. F (dt)
- 2033 Orientation N-S. W = 0.50-1.00m; Max D = 0.30m. Naturally-derived channel cutting into upper fills of earlier water course 2003 and following same line. Contains 2020. Cuts 2003, 2021-22, 2026, 2040, 2105, 2184-85 C (wc)
- 2035 D = 0.40m. Mid brown/chestnut very compact clay loam. Contains abundant med/large ww stones, charcoal flecks and sandstone frags. Fill of 2001. Small find no. 5029. F (wc)
- 2036 Max D = 0.35m. Mid grey/brown fairly compact gravel in silty clay. Contains abundant small/med ww stones, gravel and the odd oyster shell frag. Within 2003. Small find Nos 5031, 5032 and 5035. F (wc)
- 2037 Max D = 0.45m. Mid beige/tan firm fine sandy silty clay. Contains charcoal flecks, occ small and large ww stones; gritty. Within 2003. Small find No. 5027. F (wc)
- 2038 D = 0.05-0.35m. Black soft greasy organic; almost completely charcoal. Within 2002. F (dt)
- 2039 D = 0.15-0.40m. Light/mid brown fairly compact silty clay gravel. Contains abundant small/med ww stones and grit. Within 2002. F (dt)
- 2040 D = 0.10-0.60m. Beige/greenish hue very compact friable sandy clay. Contains occ med ww stones and charcoal flecks. Cut by 2033. Within 2002. F (dt)
- 2044 Max D = 0.50m (truncated). Dark brown compact friable clay loam. Contains charcoal, sandstone frags, small/med/large ww and angular stones, slate and bone frags. Very dirty. Cut by 2066, 2161, 2240. L
- 2045 D = 0.05-0.15m. Yellowish brown friable sandy loam. Contains freq charcoal flecks, small ww stones, mod plaster and mortar frags, occ patches natural clay, occ oyster shell. General building debris spread over gravel wash horizon. Equivalent to 2085. L
- 2046 D = 0.05m. Light brown grey friable fine sands and gravels. Contains moderate charcoal flecks, occ. shell, plaster and mortar frags. L
- 2047 D = 0.30-0.65m. Light mid brown soft silty loam. Contains freq charcoal flecks and frags, mod small ww stones and shell frags, occ patches of natural clay. Cut by 2229. L
- 2048 D = 0.05-0.90m. Light brown friable and soft sandy loam. Contains freq very small ww stones, moderate shell frags, occ charcoal flecks and frags, and medium ww stones. Cut by 2207. ?Roman plough soil. Marks horizon with medieval plough soil. L
- 2049 D = 0.10-0.40m. Creamy brown soft and sticky very clayey loam. Contains freq charcoal flecks and frags, occ small/med ww and sub-angular stones, occ volcanic frags. L
- 2050 D = 0.10m. Brick red very compact clay containing freq small/med ww stones. L
- 2051 Max W = 0.25 - 0.50m. Max D = 0.25m. Cuts natural. C (wc)
- 2052 D = 0.10 - 0.25m. Within 2051. F (wc)
- 2053 D = 0.10-0.30m. Mottled yellow brown firm sandy clay. Contains mod charcoal flecks, occ med. angular stones, and patches of natural clay. Cut by 2229. L
- 2054 D = 0.05-0.15m. Mottled light brown compact sandy clay. Contains occ charcoal flecks and small/mod ww stones. L
- 2055 D = 0.35-0.70. Dark grey/black soft loam containing mod ww stones and occ charcoal staining. Medieval ploughsoil within terrace cut 2206, sealing Roman deposits. Small find no. 5065. L
- 2056 D = 0.05m. Light brown loose very fine silty sand containing occ slate frags. Within 2230. F (wc)
- 2057 Max D = 0.20m. Grey soft/loose silty sand. Contains occ small slate frag and occ charcoal. Within 2230. F (wc)
- 2058 Max D = 0.20m. Very light brown soft/loose fine sands and occ silts. Clean. Within 2230. F (wc)
- 2059 Max D = 0.10m. Grey soft/loose silts containing mod charcoal flecks, occ oyster shell and occ sandy lenses. Within 2230. F (wc)
- 2060 D = 0.20-0.60m. Dark brown soft/fairly loose sandy silts. Contain mod charcoal flecks, mod shell frags, very small sub-angular stones and occ large frags of volcanic stone. Cut by 2230. Within 2229. F (wc)
- 2061 D = 0.20m. Light brown soft silty loam containing freq charcoal flecks, occ oyster shell and occ sub-angular stones. Cut by 2229. L

2062	D = 0.10-0.15m. Creamy brown soft silty loam containing mod charcoal and occ small ww stones. Cut by 2229. L	2076. Within 2080. F (pit)
2063	D = 0.05-0.20m. Light brown soft sandy silty loam. Contains mod charcoal flecks, mod ww stones, occ shell frags and occ sub-angular stones. Within 2051. F (wc)	2083 D = 0.15-0.35m. Mid red/brown slightly plastic clay loam. Contains occ charcoal, small ww stones and patches of sand. Lower fill of 2080. F (pit)
2064	W = 0.35-0.60m. Cuts 2222; contains 2065. C (wc)	2084 D = 0.05-0.10m. Mid brown slightly plastic loam clay containing occ. small ww stone, slate and charcoal. Cut by 2093. Late Roman cultivation layer. L
2065	Light brown compact silty loam. Contains freq charcoal, mod ww and sub-angular stones. Within 2064. F (wc)	2085 D = 0.10-0.20m. Yellow reddish brown slightly plastic loam clay. Contains fairly freq plaster and shell, occ tile and charcoal frags, small ww stones. Equivalent to 2045. Possible demolition layer from building. L (dem)
2066	Max D = 0.35m. Small pit (or trench?). C (pit)	2086 D = 0.25m. Red-brown friable sandy loam. Contains occ shell, charcoal and small ww stones, otherwise clean. Colluvium? L
2067	D = 0.20m. Dirty grey/brown loose sandy clay loam. Contains gravel, slate, brick and bone frags, small/med ww and angular stones; very dirty. Within 2066. F (pit)	2087 D = 0.10-0.20m. Mid red/brown friable gritty sandy clay loam. Contains fairly freq small ww stones, charcoal and shell. Colluvial. L
2068	Grey/brown firm silty clay loam. Contains charcoal flecks, grit, occ small/med ww stones. Within 2066. F (pit)	2088 D = 0.05-0.15m. Yellow/red/brown friable gritty sandy loam. Contains fairly freq small ww stones, charcoal and shell. Colluvial. L
2069	D = 0.15-0.30m. Mid brown/tan firm sandy clay. Contains many med ww stones, mod sandstone frags, occ charcoal flecks, slate and volcanic stone frags. Cut by 2151, 2161, 2240. Late Roman cultivation soil. L	2089 D = 0.05-0.30m. Red brown slightly plastic loam clay. Contains occ small ww stones, charcoal and shell. Colluvial. L (nat)
2073	D = 0.25-0.40m. Mid red/brown slightly plastic clay loam. Contains occ charcoal, occ small/med ww and sub-angular stones and occ plaster. Cut by 2076, 2080, 2095 and 2098. Possible Roman cultivation layer. L	2093 Max visible W = 1.00m (E-W; truncated); Max visible D = 0.40m. Contains 2094; Cut by 2095; Cuts 2079, 2084, 2103. Possible small pit. C (pit)
2075	D = 0.25 - 0.55m. General very modern make up layer. L	2094 Max D = 0.40m. Mid brown slightly plastic loam clay. Contains occ small ww stones, charcoal, slate brick and tile frags. Cut by 2095. Within 2093. F (pit)
2076	Max visible W = 1.60m (E-W); Max visible D = 0.60m. Contains 2077-78. Cuts 2073,2081. C (pit)	2095 Max visible W = 1.60m (E-W); Max visible D = 0.75m. Contains 2096-97; cuts 2093-94,2103,2145,2173. Possible pit. C (pit)
2077	D = 0.10-0.40m. Mid-dark brown friable loam. Contains occ small ww stones, charcoal flecks, shell and slate frags and very occ medium angular stone. Within 2076. F (pit)	2096 Max D = 0.40m. Mid dark brown plastic loam clay. Contains freq small/med sub-angular and ww stones, occ charcoal, slate, brick and tile frags. Within 2095. F (pit)
2078	D = 0.20m. Mid brown friable loam containing abundant med sub-angular volcanic stone frags, occ small ww stones, occ charcoal and occ mortar. Lower fill of pit 2076. F (pit)	2097 Max D = 0.50m. Mid dark brown friable loam containing occ small ww and angular stones, slate and charcoal frags. Within 2095. F (pit)
2079	D = 0.10-0.30m. Mid red-brown slightly plastic clay loam. Contains occ small ww stones, charcoal, tile and shell frags. Cut by 2080, 2093. Roman cultivation? L	2098 Max visible W = 0.65m (E-W); D = 1.80m. Contains 2099, 2100; cuts 2073,2085,2103,2089,2109,2110,2145. C (ft)
2080	Max visible W = 1.10m (E-W; truncated). Max visible D = 0.95m. Contains 2081-83; cut by 2076; cuts 2073,2079,2145. Possible small pit. C (pit)	2099 D = 1.00m. Mid brown friable clay loam. Contains occ small ww stones, slate, brick, charcoal and bone frags. Within 2098. F (ft)
2081	Max D = 0.50m. Mid dark brown friable loam containing occ charcoal and occ small sub-angular stones. Cut by 2076. Within 2080. F (pit)	2100 D = 0.75m. Within 2098. F (ft)
2082	D = 0.20m. Mid brown friable loam containing fairly freq large angular volcanic stone frags, occ small/med ww stones, charcoal and shell. Cut by	2101 D = 0.15-0.35m. Light yellow/brown loose fine sands and gravels. Contain freq small/med ww stones and manganese staining. L (nat)

- 2103 D = 0.05-0.20m. Mid brown slightly plastic loam clay containing occ. small ww stones, slate, charcoal, occ. mortar and tile frags. Cut by 2093, 2095 and 2098; equivalent to 2045. Post building plough soil containing some demolition material. Late Roman cultivation soil. L
- 2104 D = 0.10 - 0.20m. Mid brown firm very fine sandy clay containing charcoal flecks and occ oyster shell. Cut by 2146. Seals ditch 2003 and slightly infills top. L
- 2105 D = 0.05-0.30m. Mid brown/tan/beige/grey fairly loose fine silty sandy clay. Contains much charcoal, occ ww and angular stones and shell frags. Cut by 2033. Within 2003. F (wc)
- 2106 D = 0.20-0.80m. Light tan compact sandy clay containing mod charcoal flecks and frags, occ angular stones and silty lens at the bottom. Within 2003. F (wc)
- 2107 D = 0.25m. Grey/brown loose silty gravel containing abundant small/med ww stones and grit. Within 2003. Equivalent to 349 and 2223. F (wc)
- 2108 D = 0.20m. Grey/brown loose fine silty gravel containing small ww stones and grit. Within 2003. F (wc)
- 2109 D = 0.10-1.00m. Dark brown/grey compact gritty clay loam. Contains freq small/med ww and angular stones, charcoal flecks, bone, slate, mortar and volcanic frags. Cut by 2098. Garden soil. L
- 2110 D = 0.20-0.90m. Mid/dark brown/tan compact gritty clay loam. Contains freq. small/med ww and angular stones, charcoal flecks, sandstone frags and grit. Cut by 2066, 2098. Ploughsoil? L
- 2112 D = 0.10m. Mid brown/chestnut firm fine silty sandy clay. Contains mod charcoal and shell frags and occ small ww stones. Within 2002. F (dt)
- 2113 D = 0.30m. Mid brown/chestnut firm fine silty sandy clay. Contains mod charcoal and shell frags and occ small ww stones. Within 2002. F (dt)
- 2114 D = 0.10m. Brick red sandy clay. Lens of redeposited sandstone. Within 2002. F (dt)
- 2115 D = 0.05-0.20m. Red/brown firm silty sandy clay. Contains much charcoal, patches of sandstone and occ med ww stones. Within 2002. F (dt)
- 2116 D = 0.20m. Greenish grey/brown soft and loose silty gravel. Contains very freq small/med ww stones, heavy manganese staining and lenses of silt and fine sands. Within 2002. F (dt)
- 2117 D = 0.10-0.15m. Red/beige firm very fine silty sandy clay containing occ charcoal fleck. Within 2000. F (dt)
- 2118 D = 0.10-0.40m. Dark beige firm fine sandy silty clay. Contains occ charcoal flecks and small ww stones. Ditch silting. Within 2000. F (dt)
- 2119 D = 0.10-0.20m. Mid beige compact sandy clay. Contains occ charcoal fleck and small ww stones. Within 2000. F (dt)
- 2120 D = 0.10-0.20m. Greyish beige firm coarse sandy silty clay. Contains abundant small and occ med/large ww stones and occ charcoal flecks; very gritty. Within 2000. F (dt)
- 2121 D = 0.10-0.20m. Light beige firm sandy clay containing occ charcoal flecks and sandstone frags. Within 2000. F (dt)
- 2122 D = 0.10m. Beige/tan firm very fine sandy silty clay. Contains freq charcoal flecks. Silting. Within 2000. F (dt)
- 2123 D = 0.10m. Mid beige compact sandy clay. Contains occ charcoal and med ww stones. Within 2000. F (dt)
- 2124 D = 0.05-0.10m. Bluey grey compact slightly silty clay. Contains charcoal flecks and sandstone frags. Turf layer. Slumping of rampart over ditch fills of cut 2000. L (rm)
- 2125 D = 0.10- 0.30m. Dirty mid brown/tan/grey compact sandy clay. Contains mod charcoal flecks, sandstone frags, small/med ww stones, patches of sandstone and grey organic remains. Cut by 2237. Degraded slumped rampart. L (rm)
- 2126 D = 0.05-0.20m. Reddish mid brown firm sandy clay loam. Contains freq small/med ww and angular stones, grit, and occ charcoal flecks. Cut by 2000, 2001. Possible upcast from 2000. L (dp)
- 2127 D = 0.10 - 0.40m. Light brown compact sandy clay loam. Contains freq small/med ww and angular stones, mod tile and sandstone frags, charcoal flecks and grit. L
- 2128 D = 0.10m. Mid brown firm sandy clay loam. Contains freq small/med ww stones, grit, charcoal flecks and sandstone frags. L
- 2129 D = 0.05 - 0.10m. As 2128 but coarser, less compact and grittier. L
- 2130 D = 0.05-0.20m. Mid brown/purple hard compact gritty clay loam. Contains abundant crushed volcanic stone, mod charcoal flecks, sandstone frags, grit and gravel. Cut by 2001. L (dp)
- 2132 D = 0.10-0.40m. Mid/dark brown compact coarse clay loam. Contains very freq med/large volcanic stone frags and angular stones, and moderate pot and tile frags. Below medieval plough soil. Roman cultivation soil. L
- 2134 D = 0.05-0.50m. Mixed yellow/beige/tan/grey very compact sandy clay. Contains many small/medium ww stones, occ manganese and charcoal flecks, small angular stones, patches of natural clay and grey turf remains. Rampart material in situ. L (rm)
- 2135 D = 0.05-0.20m. Reddish mid brown firm sandy clay loam. Contains many small/medium ww stones, mod charcoal flecks and sandstone frags. Quite coarse. First rampart dumping. L (rm)

- 2136 D = 0.10-0.25m. Dark beige/tan compact sandy clay loam. Contains many small/med ww and angular stones, grit and charcoal flecks. Cut by 2000, 2001; equivalent to 2176. Upcast from 2000? L (dp)
- 2137 D = 0.05-0.20m. Dirty beige/grey firm, quite compact, fine sandy clay. Contains occ small/med ww and angular stones, grit and charcoal flecks. Thin band of iron stain at top of layer. Cut by 2001. Upcast from 2000? L (dp)
- 2138 D = 0.05-0.10m. Grey/brown firm silty sandy clay. Contains many small/med ww stones, charcoal flecks and iron staining. Upcast from 2000. L (dp)
- 2141 D = 0.05-0.10m. Mid brown firm sandy clay loam. Contains med ww stones and charcoal flecks. Late Roman cultivated soil. L
- 2142 D = 0.10-0.25m. Mid/dark brown compact clay loam. Contains abundant small/med/large angular stones, freq charcoal flecks and frags and bone frags. L
- 2143 D = 0.20-0.30m. Mid/light brown compact sandy clay loam. Contains freq small/med ww and angular stones, charcoal flecks and frags, sandstone and shell frags. Cut by 2001. L
- 2144 D = 0.10m. Mid brown compact very fine sandy clay. Contains occ charcoal frags and flecks, shell frags and gravel lenses. Cut by 2146. L
- 2145 D = 0.10-0.80m. Mid brown/chestnut compact sandy clay loam. Contains freq small/med ww and angular stones, mod charcoal, occ shell and sandstone frags, grit and lenses of silt. Cut by 2080,2095,2098; equivalent to 2090. (Similar to 2047). L
- 2146 W = 0.70m; D = 0.25m. Contains 2147; cuts 2104,2144. C (wc)
- 2147 D = 0.30m. Mid brown/dull grey quite compact sandy gravelly silty clay. Contains abundant small ww stones and grit, occ med ww and angular stones, charcoal flecks and frags and shell frags. Within 2146. F (wc)
- 2148 D = 0.10m. Dull grey brown gravelly quite compact silty clay. Contains abundant small ww stones and grit, occ med ww and angular stones, charcoal flecks and frags, and shell frags. L
- 2149 D = 0.05m. Mid brown firm silty sandy clay; quite clean. Small lens of silty sand.L
- 2151 Max visible W = 0.70m (N-S); max visible D = 0.75m. Contains 2152-54. Small ditch seen only in section. Profile steep-sided and flat-bottomed. C (dt)
- 2152 D = 0.15-0.20m. Yellow/ochre compact clay loam. Contains mod small ww stones, occ charcoal and mortar frags. Lower fill of 2151. F (dt)
- 2153 D = 0.25m. Reddish brown compact sandy clay loam. Contains mod small ww and occ angular stones and charcoal. Within 2151. F (dt)
- 2154 D = 0.10m. Mid brown fairly soft clay loam. Contains freq charcoal, occ mortar frags and patches of natural clay. Upper fill of 2151. F (dt)
- 2155 Max visible D = 0.45m (truncated). Yellow/brown compact gritty sandy clay loam. Contains occ small ww stones, charcoal flecks and volcanic stone frags. Very similar to medieval soil layer above. Within 2237. F (pit)
- 2156 D = 0.05-0.20m. Greenish brown firm sandy clay loam. Contains mod small/medium ww and occ angular stones, manganese staining and lenses of silt. Cut by 2151. Pre-rampart upcast? L (rm)
- 2158 D = 0.10-0.15m. Light brown firm sandy clay loam. Contains occ med angular and very small ww stones and charcoal. Cut by 2151. Plough soil?; possibly same as 2125. L
- 2159 D = 0.05-0.10m. Dark brown/grey soft silty loam. Contains freq charcoal flecks, occ small/med ww stones and mortar frags. Cut by 2151. Medieval plough soil? L
- 2161 W = 1.70m (truncated); D = 0.85m at N, 0.65m at S (truncated). Contains 2167-68; cut by 2240; cuts 2044, 2134, 2157, 2163-64, 2170-71. C (pit)
- 2162 D = 0.05m; Mid brown compact sandy clay containing freq volcanic stone frags and very occ med ww stones. Within cut 2171; possibly equivalent to 2130? (could be continuation of 2130?) L
- 2163 Possible make up for surface 2161. D = 0.10m. Yellow/brown compact sandy clay containing freq small ww stones and occ small angular stones. Within cut 2171. Could be dump/demolition from Military Roman? L (mk)
- 2164 D = 0.20-0.50m. Yellow/brown friable silty clay. Contains occ med ww stones, occ charcoal fleck and very occ shale frags. Equivalent to 2125. (Could possibly be slumped rampart material from 2157 in top of ditch (3070,2000) as 2125 does to N and W?). L
- 2165 Max visible D = 0.25m. Orange brown compact silty clay containing very occ small ww stones, v occ small angular stones and very occ charcoal flecks. Within 2000. Unexcavated. F (dt)
- 2166 Max visible D = 0.10m (unexcavated). Red/brown plastic clay silt containing occ charcoal. Within 2000. F (dt)
- 2167 D = 0.55m. Dark brown silty clay. Contains freq med ww stones, freq charcoal, slate, oyster shell and mortar, occ tile and bone. Cut by 2240. Within 2161. F (pit)
- 2168 D = 0.20m. Mid brown compact silty clay containing occ small ww stones, occ tile frags and occ charcoal. Within 2161. F (pit)
- 2170 D = 0.15-0.30m. Red/brown slightly plastic clay silt containing occ small ww and angular stones. Pre-rampart upcast. L (rm)

2172	D = 0.10-0.20m. Mid brown/red very compact sandy clay. Contains freq charcoal, occ large stone and pot frags and occ small ww stones. Slumped rampart over ditch fills of 2000. Equivalent to 2124. L (rm)	stones, occ charcoal flecks and frags. L
2173	D = 0.05m. Mid grey firm silty clay containing occ charcoal flecks and sandstone frags. Thin lens of silt. Within 2000. F (dt)	2191 D = 0.05-0.10m. Light brown firm clay loam containing freq small/med angular stones and occ charcoal. Within 2193. F (wc)
2174	D = 0.10m. Mid/dark brown compact clay loam. Contains small/med ww stones, charcoal flecks and frags and sandstone frags. L	2192 D = 0.10-0.45m. Light yellow brown compact sandy clay loam. Contains mod small/med angular stones, occ charcoal and tile frags. Within 2193. F (wc)
2175	D = 0.05-0.30m. Light/mid brown compact sandy clay loam. Contains very freq small/med/large ww and angular stones, grit, sandstone frags and very occ volcanic stone frags. L	2193 W = 1.20m (W-E); D = 0.65m (at W), 0.45m (at E). Contains 2191-92, 2194; Cuts 2177, 2190, 2199, 2214, 2218. C (wc)
2176	D = 0.10m. Mid/dark brown compact sandy clay loam containing mod medium ww and angular stones, charcoal flecks and sandstone frags. Cut by 2000; equivalent to 2136. Possible upcast from 2002. L	2194 D = 0.10m. Light brown very sandy loam containing occ small angular stones. Within 2193. F (wc)
2177	D = 0.10m. Mid brown/red compact sandy clay loam. Contains occ. small/med ww and angular stones, charcoal flecks and sandstone frags. Cut by 2000 and 2193; equivalent to 2126. Possible upcast from 2002. L	2195 D = 0.05-0.15m. Dark brown very compact sandy clay loam. Contains abundant small ww and angular stones and occ charcoal. L
2178	W = 0.60m (W-E); D = 0.30m. Contains 2179; cuts 2005. C (pit)	2199 D = 0.05-0.15m. Grey/brown fairly compact clay loam; mod small/med sub-angular stones, charcoal and occ. tile frags. Cut by 2193 and 2197. Possible upcast from 2002. L
2179	D = 0.30m. Mid brown compact sandy clay loam. Contains small/med w w stones, sandstone and tile frags and occ charcoal flecks. Within 2178; very similar to 2005. F (pit)	2200 D = 0.15-0.55m. Dark brown slightly plastic clay loam. Contains occ med ww and sub-angular stones, charcoal and slate frags. Cut by 2207. L
2180	D = 0.10-0.20m. Dark grey/brown firm fine sandy silt. Contains mod small ww stones, grit and charcoal flecks and frags. Within 2002. F (dt)	2201 D = 0.05-0.35m. Dark brown sandy loam; occ. small ww and sub-angular stones and charcoal. Plough soil within terrace cut 2206. L
2181	D = 0.10-0.30m. Mid brown/grey firm fine sandy silt. Contains occ small ww stones, charcoal flecks and frags. Within 2002. F (dt)	2202 D = 0.10-0.35m. Light-mid red/brown sandy loam containing occ. small ww and sub-angular stones, charcoal and oyster shell fragments. Cut by 2206. Cultivated soil. L
2182	D = 0.10-0.35m. Dark brown/black firm sandy silty clay. Contains abundant charcoal flecks and frags, occ small/med ww stones, sandstone and shell frags, patches of sandstone and clay. Within 2002. F (dt)	2203 D = 0.20-0.40m. Mid brown sandy loam containing mod charcoal, and occ. small/med ww and sub-angular stones. Cut by 2206-07. Cultivated soil. L
2183	D = 0.10-0.20m. Mid tan firm sandy clay containing mod small/med ww and angular stones, grit, occ charcoal flecks and frags. Within 2002. F (dt)	2204 D = 0.15-0.25m. Red brown sandy loam containing mod small ww and occ sub-angular stones and occ charcoal. Cut by 2206-07. L
2185	D = 0.10-0.25m. Light brown/grey compact dirty sandy clay; occ. small/med/large ww stones, charcoal flecks and frags, bone, tile and sandstone frags. Slumped over fills of ditch 2000. Cut by 2033. L	2205 D = 0.10-0.60m. Red brown sandy loam; occ. small ww and sub-angular stones, charcoal and tile frags. Cut by 2207. Within terrace cut 2250. L
2186	D = 0.10-0.20m. Mid brown compact fine sandy clay. Contains very occ. medium ww stones and charcoal flecks. Possible upcast from 2002. L	2206 D = 0.80m. Orientated W-E. Contains 2055, 2201 and 2228. Cuts 2202-04. C (te)
2187	Levelling/terracing prior to building of rampart. Max W = 2.00m (E-W); Max D = 0.30m. Contains 2134-35. Shallow cut to east and parallel to ditch 2000. Cuts natural. C (te)	2207 W = 2.40m (W-E); D = 1.60m. Contains 2208-12; cuts 2048, 2200, 2203-05. C (pit)
2189	D = 0.10-0.20m. Dark brown compact sandy clay loam. Contains many small/med ww and angular	2208 D = 0.20-0.80m. Dark brown compact sandy loam. Contains occ small ww stones, slate, mortar and volcanic stone frags. Slumping. Within 2207. F (pit)
		2209 D = 0.55m. Grey very sandy loam containing abundant charcoal and slate frags and freq med ww and sub-angular stones. Within 2207. F (pit)
		2210 D = 0.20-0.30m. Grey/brown friable loam containing freq oyster shells, freq volcanic. Within 2207. F (pit)



2211	D = 0.25m. Grey/brown loam containing freq slate frags, med ww and sub-angular stones, occ mortar, charcoal and clay pipe. Within 2207. F (pit)	2232	Layer of modern car park and make up. L
2212	D = 0.05-0.25m. Grey slightly clayey loam containing occ charcoal, bone, slate and patches of natural clay. Within 2207. F (pit)	2233	H = 0.10-0.45m. Modern brick wall under car park. B (w)
2214	D = 0.30-0.40m. Brown sandy loam; abundant small/med ww and sub-angular stones, and occ. charcoal. Cut by 2001 and 2193. Possible upcast from 2002. L	2234	Build for wall 2233. D = 0.30 - 0.50m. B (wf)
2215	D = 0.10-0.30m. Buff brown very soft silty clay. Contains abundant manganese staining, mod small sub-angular stones and occ ww stones. Cut by 2001. L (dp)	2235	Cut for modern sewage pipe (2236). D = 0.80m. Soil and dump material up against brick wall and foundations; underneath car park level. F (mod)
2216	D = 0.10-0.20m. Creamy brown soft silty clay. Contains mod manganese and occ very small ww stones. Within 2219. F (wc)	2236	Modern sewage pipe. D = 0.90m. Contains 2235; Cuts 2233-34. C (mod)
2217	D = 0.10-0.20m. Slightly red/brown soft silty clay containing occ med ww and sub-angular stones and occ charcoal. Within 2219. F (wc)	2237	Max visible W = 0.60m (N-S, truncated); Max visible D = 0.40m (truncated). Contains 2155; cut by 2151; cuts 2125, 2134. C (pit)
2218	D = 0.35m. Light brown soft silty clay loam. Contains occ med ww and sub-angular stones and occ charcoal. Cut by 2193. Within 2219. F (wc)	2238	Modern cut 2240. D = 0.70m. Modern disturbance/soil/rubbish. F (mod)
2219	W = 2.70m (W-E); Max visible D = 0.30m. Contains 2216-18, 2239; cut by 2193. Unknown purpose; could be water course/depression/or even man-made. Only a small amount can be seen projecting from the section; appears to have been sectioned obliquely judging by fills. C (wc)	2239	D = 0.10-0.15m. Light brown soft silty clay containing occ charcoal flecks and very occ small/med ww and sub-angular stones. Cut by 2001. Within 2219. F (wc)
2222	D = 0.15-0.40m. Light grey/brown firm silty sandy clay. Contains very freq charcoal flecks and frags, shell frags and occ mod small/med ww stones. Within 2003. F (wc)	2240	L = 4.40m. D = 0.70m. Contains 2238; cuts 2044, 2069, 2161, 2167. C (te)
2223	D = 0.20-1.00m. Mid beige/brown fairly compact sandy clay, very gravelly; abundant small/med ww stones, very freq. charcoal flecks and frags, and occ. silty sandy patches. Primary fill within 2003. Equivalent to 349, 2108. F (wc)	2241	Medieval feature, possibly a ditch - linear E-W. Could be the same as 2151 (v.section 80). Contains 2242; cuts 2002. C (dt)
2224	D = 0.20-0.60m. Dark brown/mottled red very compact clay loam. Contains freq small/med ww and angular stones, small patches and frags of sandstone, occ slate and clay pipe frags. L	2242	Within 2241 (possible ditch?). Description N/R. F (dt)
2226	D = 0.10-0.15m. Mid brown/tan firm silty sandy clay. Contains occ small/med ww stones, charcoal flecks and oyster shell frags. Cut by 2033. L	2243	D = 0.05m max. Grey/green clay; plastic, firm; no inclusions. Rampart material, part of 2134. L (rm)
2228	D = 0.15-0.50m. Dark brown (with reddish hue) soft clay loam; mod. small/med ww and angular stones and occ. charcoal flecks. Plough soil within terrace cut 2206. L	2244	D = 0.10m max. Grey/green clay; plastic, firm; no inclusions. Rampart material, part of 2134. L (rm)
2229	W = 1.90m (W-E); D = 0.60m. Contains 2060; cuts 2047, 2053, 2061-62. C (wc)	2245	D = 0.12m max. Grey/green clay; plastic, firm; no inclusions. Rampart material, part of 2134. L (rm)
2230	W = 1.00m (W-E). D = 0.50m. Contains 2056-59; cuts 2060. C (wc)	2246	D = 0.10m max. Grey/green clay; plastic, firm; no inclusions. Rampart material, part of 2134. L (rm)
2231	Layer of modern rubbish/soil/disturbance to car park level. L	2247	D = 0.10m max. Grey/green clay; plastic, firm; no inclusions. Rampart material, part of 2134. L (rm)
		2248	D = 0.30m max. Slot cut, seen as part of 3007 (drainage gully), heavily cut by 2000 and 3109. C (sl)
		2249	Drainage ditch, draining ditch 2000 into 2002. C (dt)
		2250	Medieval terrace cut probably formed by plough action. Contains soil (fill) 2205. Provisional date/spot date= Early 13th century. C (te)
		2251	Medieval terrace cut formed by plough action. Contains soil 2200. Provisional date/spot date= Late 13th to Early 14th century. C (te)
		3000	Max D = 0.26m. Creamy brown soft and sticky very clayey loam. Freq patches redeposited sandstone and moderate small sub-angular stone frags. Sealed by soil 1543 - upper layer over terrace. L (dp)

- 3001 Aligned E-W. L = 2.50m (truncated); W = 2.40m; Max D = 0.38m. Contains 3002,3004-05. Cuts natural gravels. Wide and shallow cut; profile gently sloping flat-bottomed. Cut out by post-medieval cellar. C (dt)
- 3002 D = 0.16m. Creamy brown very soft slightly clayey loam. Contains freq charcoal frags, occ small ww and sub-angular stones and occ oyster shell. Part of general dumping/infilling of ditch. Within 3001. F (dt)
- 3003 Max D = 0.10m. Grey soft clay loam; superabundant charcoal, freq. tile, mod small/med sub-angular stones, occ. patches of natural clay. Equivalent to 879. Post military occupation, pre-soil development. L (dp)
- 3004 Max D = 0.24m. Dark brown soft sandy clay loam. Contains mod med ww stones, occ oyster shell and occ charcoal. Within 3001. F (dt)
- 3005 Max D = 0.10m. dark grey/black soft silty loam containing abundant charcoal and occ oyster shell. Primary fill. Within 3001. F (dt)
- 3006 L = 10.00m; W = 0.60m; Max D = 1.02m. Aligned E-W. Contains 3031-32, 3039, 3051 and 3108. Profile= near vertical-sided, flat-bottomed, closed 'V'. Distinct curve. Palisade trench continuous with 175=3109 and in use with boundary ditch 2000. Cuts gully 3007 and natural. C (ptr)
- 3007 L = 9.00m; W = 0.80m; Max D = 0.40m. Aligned E-W. Contains 3024-25. Cut by 3006. Cuts natural. Linear cut, profile fairly steep sided 'U' shaped. Pre-dates palisade trench 3006. Drainage? C (gl)
- 3008 Max D = 0.40m. Contains 3010; cuts natural. C (te)
- 3009 Max D = 0.20m. Grey soft very clayey loam containing freq small/med ww stones and occ frags of charcoal. L (dp)
- 3010 Within cut 3008. Max D = 0.10m. Reddish grey soft silty loam containing freq patches of redeposited natural, moderate med ww stones and occ charcoal. Small find No. 5008. L (te)
- 3011 Max D = 0.20m. Mixed red/ochre redeposited natural gravels, sandstone and clays. Loose and clean. Upcast from cutting of ditch 3001. Forms bank to feature. Partially truncated. L (dp)
- 3012 Max D = 0.22m. Mixed red/ochre redeposited natural gravels, sandstone and clays. Loose and clean. Upcast from 3010. Equivalent to 3011. L (dp)
- 3013 Max D = 0.24m. Creamy brown soft clay loam. Contains freq small/med sub-angular stones, moderate natural gravels and occ charcoal. L (dp)
- 3014 Max D = 0.30m. Light brown soft and sticky slightly sandy clay loam. Contains occ small ww and sub-angular stones and occ charcoal flecks. Upper fill of terrace cut-removed mainly by machine. L (dp)
- 3015 Max D = 0.20m. Light brown soft very clayey loam. Contains patches of redeposited natural sandstone, occ small and medium sub-angular stones, manganese staining and occ patches of clear orange clay. L (dp)
- 3016 Max D = 0.10m. Grey soft silty clay containing freq small/med ww and occ sub-angular stones. L (dp)
- 3020 L = 1.60m (west terminus not seen); W = 1.20m; D = 0.40m. Contains fill 3021. C (pit0)
- 3021 Within 3020. Description. N/R. F (pit)
- 3022 Aligned E-W. L = 0.40m (truncated); D = 0.05m (truncated). Very shallow 'U'-shaped cut. Contains 3023. C (dt)
- 3023 Black very soft silty loam containing abundant charcoal. Within 3022. F (dt)
- 3024 D = 0.20m. Dark brown soft sandy clay loam. Contains redeposited sandstone and charcoal, freq turves and moderate small and medium ww and occ sub-angular stones. Sealed by rampart material. Within 3007. F (dt)
- 3025 D = 0.22m. Dark brown soft sandy loam containing moderate small ww and sub-angular stones, mod charcoal flecks, and occ patches of redeposited sandstone. Lower fill of ditch. Within 3007. F (dt)
- 3026 D = 0.05m. Creamy brown soft silty loam containing occ charcoal and occ weathered turf. L (rm)
- 3027 Max D = 0.25m. Light brown soft clay loam containing freq charcoal, mod. small sub-angular stones and occ patches of clean orange clay. Pre-rampart levelling material. L (dp)
- 3028 D = 0.30m. Very creamy brown soft very clayey loam; mod. small and med. ww and sub-angular stones, mod. charcoal and occ. patches natural clay. Equivalent to 202, 753 and 3096. Post military soil development. L
- 3029 D = 0.08m. Greyish brown soft very clayey loam containing mod charcoal, occ small ww and sub-angular stones and occ patches of clean orange clay. L (dp)
- 3030 Max D = 0.20m. Yellow fairly soft clay loam; mod. charcoal flecks, occ. small sub-angular stones and freq. manganese staining. Within terracing cut 3008. L (dp)
- 3031 Max D = 0.60m. Lower fill of palisade trench 3006. F (ptr)
- 3032 D = 0.20m; Upper fill of 3006. F (dt)
- 3033 Diam = 1.60m (N-S), 1.30m (E-W). Brick built with occ frags volcanic stone and Heavitree used as packing at the base; clean white mortar bonding. Square in shape incorporating central flue. Brick size 0.26 x 0.10m. Within cut 3034. Oven or kiln. B (ov)
- 3034 Oven/kiln 3033. C (ov)

3036	Within flue of oven/kiln 3033. Black coke/coal. Sample no. 011. F (ov)	3059	Creamy grey/brown very plastic gritty stony clay. Contains freq small sub-angular ww stones, charcoal flecks, slate, mortar and brick. Within 3058. F (pit)
3039	Dimensions N/R. Light slightly reddish brown soft slightly sandy silty clay. Contains medium ww stones and occ small sub-angular stones. Lower fill of palisade trench 3006. F (ptr)	3060	Dark yellow/brown/red plastic silty clay containing freq charcoal flecks, occ small and med. sub-ang and ww stones. Small find no. 5010. L
3040	Dims N/R. Rectangular-cut cess pit. C (css)	3061	Orange/yellow/brown plastic sandy silty clay containing occ small and medium ww stones. Rampart? L
3041	Black/grey plastic clay containing occ charcoal flecks, small pebbles and occ slate frags. Within cess pit 3040. F (css)	3062	Max D = 0.30m. Contains 3063. C (pit)
3042	Dims N/R. Rectangular. Cut by 3040; cuts 3046-47. C (pit)	3063	Max D = 0.30m. Mid brown slightly plastic sandy silty loam. Contains occ small ww stones, charcoal flecks and clay pipe. Within 3062. F (pit)
3043	Grey/brown plastic clay containing abundant slate frags and charcoal lumps, burnt bone, occ mortar flecks and occ lumps, and occ small ww stones. Cut by 3040. Within 3042. F (pit)	3064	Max D = 0.30m. Brown/red slightly plastic loamy clay containing freq small/medium ww stones, frags volcanic stone, occ charcoal flecks, tile and brick frags. Cut by 3062,3066. L (dp)
3044	D = 0.15m. Sub-circular. Contains 3045. C (ph)	3065	Max D = 0.10m. Yellow/brown/grey compact clay containing occ small and medium ww stones an occ charcoal flecks. Cut by 3068. L (rm)
3045	Red/brown slightly plastic sandy silt containing small sub-angular and ww stones. Within 3044. F (ph)	3066	Max D = 0.12m. Yellow/brown/grey compact slightly gritty clay. L (rm)
3046	L = 2.20m; W = 0.60m; Max D = 0.26m. Contains 3047. Cut by 3040 and 3042. Cuts 3031 and 3048. Aligned E-W. Profile = fairly steep-sided, flat-bottomed. C (sl)	3067	Max D = 0.40m. Light/mid brown slightly plastic loam clay. Contains freq small and medium ww stones, volcanic stone frags, occ charcoal flecks, and brick and tile frags. L (rm)
3047	Red/brown plastic clay loam containing occ small pebbles, charcoal flecks and bone. Cut by 3040, 3042; within 3046. F (sl)	3069	Max D = 0.40m. Not fully excavated. Within 407. F (dt)
3048	Max D = 0.18m; sub-circular. Cut by 3046. C (ph)	3070	Max D = 1.60m max. Orientated NW-SE. Profile = steep-sided closed 'V' with narrow cleaning slot. Defensive ditch. Contains 3073-76. Same as 2000. C (dt)
3049	D = 0.18m. Green/brown plastic silty clay containing freq small ww stones. Within 3048. F (ph)	3073	Yellowish/brown plastic clay containing occ small/med ww stones. Within 3070. F (dt)
3052	L = 1.40m; W = 1.20m; Max D = 1.30m. Sub-rectangular steep-sided and flat-bottomed. Fills slump towards centre as bottom of pit becomes more circular. C (css)	3074	Light brown/grey plastic clay containing freq charcoal flecks, occ small/medium ww stones, very occ larger pebbles, occ tile frags and flecks. Abundant pottery, tile and brick. Within 3070. Small find Nos 5013, 5014 and 5015. F (dt)
3053	Yellowish green/grey plastic silty clay containing freq charcoal flecks, occ small and med. ww and sub-angular stones, occ tile and brick frags. Within 3052. F (css)	3075	Light brown/grey slightly plastic sandy silty clay. Contains occ small and medium ww and sub-angular stones, occ frags volcanic stone and occ charcoal flecks. Within 3070. F (dt)
3054	Creamy yellow/brown plastic and compact silty clay. Contains freq charcoal flecks and occ small ww stones. Within 3052. F (css)	3076	Yellowish brown plastic clay containing freq small, medium and large ww and sub-angular stones. Within 3070. F (dt)
3055	Reddish brown friable slightly plastic silt. Contains occ brick and tile frags, occ charcoal flecks and small-med. ww and sub-angular stones. Within 3052. F (css)	3080	D = 0.60m max. Medium brown (with red hue) coarse sandy silt, with some clay patches; friable, loose; occ. charcoal flecks, generally dirty appearance. F (ph)
3056	L = 1.40m; W = 0.80m; max D = 0.20m. Sub-rectangular, shallow. C (pit)	3082	Reddish brown very soft and sticky sandy silty clay. Contains freq manganese, mod.charcoal flecks and occ ww and sub-angular stones. Lower fill. Within 3052. F (css)
3057	Slate grey plastic silty clay containing occ small-med ww and sub-angular stones. Within 3056. F (pit)		
3058	L = 1.70m; W = 1.20m; max D = 0.75m. Contains 3059. Rectangular, shallow pit. C (pit)		

3083	Sub-rectangular, not fully excavated. Contains 3084. C (pit)	3107	Max D = 0.40m. Orange compact sandy clay containing occ charcoal and occ small ww stones. Upper fill. Within 3085. F (pit)
3084	Grey soft and sticky very silty clay. Contains mod-freq charcoal flecks and occ very small ww stones. Within 3083. F (pit)	3108	Max D = 0.20m. Reddish brown friable very sandy loam. Contains occ charcoal flecks. Lower fill of 3006. Within 3006. F (ptr)
3085	L = 1.40m; W = 1.40m; D = 0.70m. Contains 3086, 3107. Rectangular steep-sided and flat bottomed. C (pit)	3109	L = 3.70m; W = 0.60m; Max D = 0.35m. Contains 3081. Continuous with 3006,3077,3079. Palisade trench. C (ptr)
3086	Max D = 0.70m. Light brown soft and sticky sandy very clayey loam. Contains abundant charcoal frags and flecks and freq ww and sub-angular stones. Within 3085. F (pit)	3114	Max D = 0.43m. Circular. Contains 3115. C (ph)
3088	L = 2.00m; W = 1.40m; Max D = 1.00m. Ovoid. C (css)	3115	Within post hole 3114. Max D = 0.30m. Circular. F (ppi)
3089	Dark brown fairly soft clay loam containing freq charcoal flecks, occ small/medium ww stones and occ bone. Upper fill. Within 3088. F (css)	3116	Major external surface of road metalling, varying from trodden natural gravels to laid metalling. S (mt)
3090	Base fill. Descr. N/R. Within 3052. Sample no. 013. F (css)	3117	Max D = 0.40m. Descr. N/R. L (rm)
3092	Dark green very soft silt containing mod/very small ww stones and occ charcoal. Lower fill. Within 3088. Sample no. 014. F (css)	3200	Composite number given to all naturally formed layers and features (i.e. watercourses). Represented by Group 1 of the site matrix. M
3094	Max D = 0.20m. Ochre/red friable and fairly compact clean sandy gravels Upcast from cutting of ditch 3001. L (dp)	3201	Composite number containing all context numbers designated to a band of soils which accumulated between the end of the Roman military period and the civil occupation. These numbers fall wholly within Group 22 of the site matrix. M
3095	Max D = 0.20m. Ochre/red coarse gravels in soft sandy clay matrix. Contains occ charcoal and occ medium ww stones. Pre-rampart dumping. L (dp)	3202	Composite numbers containing any context numbers designated to activity occurring after the deposition of post military soils (3201) and prior to the accumulation of primary rampart material. Although excluding activity seen in the W end of Section 15, Area 2 (3204), these numbers fall wholly within Group 24 of the site matrix. M
3096	Max D = 0.40m. Brown fairly soft clay loam; mod. small ww and sub-angular stones, occ. charcoal, tile frags and pottery. Part of post military pre-rampart soil layer. Equivalent to 202, 753 and 3028. L	3203	Composite number covering all contexts infilling ditches 2002 and 2003 which were open throughout the military period, and filled prior to civil occupation. These numbers fall wholly within Group 23 of the site matrix. M
3099	Max D = 0.20m. Brown fairly friable loam containing abundant charcoal flecks, small and medium ww stones and occ pot. Pre-rampart dumping. L (dp)	3204	Composite number covering a small group of contexts designated to activity occurring after the infilling of ditches 2002 and 2003 (3203) and prior to the deposition of rampart material. This occurrence was only observed in Section 15, Area 2. These contexts fall wholly within Group 25 of the site matrix. M
3100	Max D = 0.30m. Light brown soft and sticky slightly sandy clay loam. Contains small sub-angular and ww stones, occ charcoal and occ patches of natural clay. Cut by 3097. Post occ. pre-rampart dump. L (dp)	3205	Composite number allotted to contexts forming the several layers that comprise the primary development of the primary rampart. Observed only in Section 45. They occur under the main primary layer (3206) which could be found elsewhere on site. These numbers fall wholly within Group 26 of the site matrix. M
3102	Max D = 0.20m. Red/ochre soft to friable sandy clay in coarse sandy gravel matrix; clean. Cut by 3097. Post-occupation pre-rampart dumping. Very similar if not same as 3095. L (dp)	3206	Composite number allotted to all the contexts forming the primary layers of the primary rampart, with the exception of 3205. These numbers fall wholly within Group 27 of the site matrix. M
3104	Max D = 0.25m. Light ochre/yellow fairly soft sandy clay. Contains occ frags of coarse gravel. Post-occupation pre-rampart dumping. L (dp)		
3106	Max D = 0.10m. Grey/yellow fairly soft silty clay containing occ patches sandstone and occ coarse gravels. Cut by 3097. Post occ pre-rampart dumping. L (dp)		

- 3207 Composite number allotted to all the contexts which form the bulk of the primary rampart. These numbers fall wholly within Group 28 of the site matrix. M
- 3208 Composite number allotted to the two upper layers of primary rampart (73,448) which had been disturbed during the construction of the city wall. These contexts fall wholly within Group 29 of the site matrix. M
- 3209 Composite number allotted to all contexts designated to the city wall construction cut. These contexts fall wholly within Group 30 of the site matrix. M
- 3210 Composite number allotted to all contexts that form the secondary rampart. These numbers fall wholly within Group 31 of the site matrix. M
- 3211 Composite number allotted to all contexts forming a spread of material containing abundant fragments of volcanic trap. Possibly associated with construction of the city wall, these numbers fall wholly within Group 32 of the site matrix. M
- 3212 Composite number allotted to all contexts relating to activity between the end of the military period and prior to civil occupation. These numbers fall wholly within Group 33 of the site matrix. M
- 3213 Composite number allotted to all contexts relating to activity during civil Roman occupation. These numbers fall wholly within Group 34 of the site matrix. M
- 3214 Composite number allotted to all contexts forming late Roman soils. These numbers fall wholly within Group 36 of the site matrix. M
- 3215 Composite number allotted to all contexts that form the layers, mainly cultivation soil, with the early Medieval period C10 to C11. These numbers fall wholly within Group 38 of the site matrix. M
- 3216 Composite number allotted to all contexts that form the predominantly cultivation activity during the C12 to C13. These numbers fall wholly within Group 39 of the site matrix. M
- 3217 Composite number allotted to all contexts relating to activity during the late medieval period. These numbers fall wholly within Group 40 of the site matrix. M
- 3218 Composite number allotted to all contexts relating to activity during the post-medieval period. These numbers fall wholly within Groups 42 to 47 of the site matrix. M
- 3219 Composite number allotted to all contexts relating to the build of the city wall footings. These numbers fall wholly within group 30 of the site matrix. M

### **Summary of main dating evidence**

(see Holbrook, N. & Bidwell, P.T. 1991 Roman Finds from Exeter for references to fabric types)

#### Roman Military

- 809 Sealing over Building 1: Dr. 18 Nero-Vespasian Military coarsewares inc. Fortress Wares A,B,C & D.  
879 Primary infill of terrace Ritt. 8 Neronian.  
803/895 Primary infill of terrace, Dr. 27g Nero-Vespasian; Dr. 30 50-65.  
717 Secondary infill of terrace Dr. 27g Claudio-Neronian.  
863 - do - Dr. 18 Nero-Vespasian  
3004 - do - Dr. 29 55-70; Dr. 18R Nero-Vespasian  
3003 - do - Dr. 24/5, Ritt 12 Neronian  
3005 - do - Dr. 18, Claudio-Neronian  
710 Dr. 27g, Flavian? Construction of Building 2, Sr. 29, 50-65; Dr. 24/5 Neronian  
3025 Infill of gully Dr. 24/5, 18 pre-Flavian  
792 Robbing of Building 2, Nero-Vespasian  
3010 Infill of ?road Dr. 29 60-75  
3031/3032 Infill of palisade: Dr. 29 50-65; 4 pre-Flavian sherds  
3074 Infill of Ditch 5: Dr. 18 Flavian?  
2005-2007 - do - : 4 sherds Nero-Vespasian

#### End of Military occupation and Later Roman

- 2030 Infill of Ditch 1: Dr. 37 Hadrianic-Antonine (?intrusive); Dr. 29 70-85  
2026/2029 - do - Dr. 29, 65-80  
311 - do - Dr. 37, Flavian  
333 - do - Dr. 37 Flavian, South-Western BB1 flanged dish 70-85  
491 - do - Dr. 30, 65-80 (contains joining sherds with vessels in 333)  
341 Infill of Ditch 2: Dr. 33, late Flavian  
344 - do - Dr. 18, Flavian  
2025 - do - Sr. 37, 70-85, samian imitation in South-Western BB1 (Fabric 40.46.3)

The filling of Ditches 1 and 2 looks to be contemporary, the samian points to a date of 75-85.

- 2020 Infill of gullies Dr/. 37, Cu 11, both Trajanic, coarsewares include pre-150 forms (e.g. Fabric 101.15 Micaceous Grey Ware)  
410/2035 Infill of gully: Late 2nd/early 3rd century or later (Dorset BB1 type 43)

## GLOSSARY OF MATRIX ABBREVIATIONS

### Type

Layer	L
Fill	F
Cut	C
Build	B
Surface	S
Miscellaneous	Misc

Bank	bk	Post pad	ppd
Blocking	bl	Post pipe	ppi
Burial	bu	Post pit	ppt
Buried soil	bs	Post trench	pt
Cess pit	css	Quarry	qy
Chimney stack	ch	Rampart	rm
Cobbles	cb	Recess	rs
Cob spread	cs	Re-cut	rc
Construction	cn	Render	rd
Cremation	cr	Repair	rp
Culvert	cv	Road	rd
Demolition	dem	Rd foundation	rdf
Ditch	dt	Robber trench	rt
Doorway	dw	Robbing	rb
Drain	dr	Roof	rf
Dump	dp	Scoop	sc
Fireplace	fp	Skeleton	sk
Floor	fl	Sleeper beam	sb
Floor timber	flt	Slot	sl
Garderobe	ga	Soil	so
Gully	gl	Stairway	sw
Hearth	h	Stake	st
Hedgebank	hb	Stake hole	sh
Leat	lt	Terrace	te
Lintel	l	Timber	t
Make-up	mk	Timber slot	tsl
Metalling	mt	Vent	vt
Modern	mod	Wall	w
Mortar spread	ms	Wall base	wb
Natural	nat	Wall footings	wf
Occupation	occ	Watercourse	wc
Oven	ov	Well	we
Packing	pk	Wheelpit	wp
Partition	pa	Window	wn
Pit	pit		
Post	pst		
Post hole	ph		
Post packing	ppk		

### Period

R	Roman
MED	Medieval
PM	Post-medieval
MOD	Modern
NAT	Natural

# GENERAL CONTEXT INDEX

Context	Period	Type	Area	Drawing	Matrix	Group
11	PM	Cw	2	830	4.2C	46
12	PM	L	2	830	4.2C	48
13	PM	L	2	830	4.2C	48
14	PM	L	2	830	4.2C	48
15	PM	Cmod	2	830	4.2C	48
16	PM	Fmod	2	830	4.2C	48
17	PM	Ldem	2	830	4.2C	48
19	PM	Cte	2		4.2C	47
20	R	Lrm	2		2.1B	31
42	PM	Cft	1 T5	810,813	4.1	48
43	PM	Fft	1 T5	810,813	4.1	48
47	PM	Cpit	1 T5	810	4.1	48
48	PM	Fpit	1 T5	810	4.1	48
51	R	Lrm	1 T5	810	2.1B	31
54	PM	Fft	2		4.2C	46
56	R	Lrm	2		2.2C	31
59	PM	Fpit	2		4.2C	47
60	PM	Cpit	2		4.2C	47
61	R	Lrm	2		2.2C	31
62	R	Cw	2		2.1B	30
63	R	Lrm	2		2.1B	28
64	R	Fw	2		2.2C	31
65	PM	Fpit	2		4.2C	48
69	R	Lrm	1 T5	810,813	2.1B	28
70	R	Lrm	1 T5	810,813	2.1B	27
71	R	Fcn	1 T5	810	2.1B	31
72	R	Fcn	1 T5	810	2.1B	31
73	R	Lrm	1 T5	810	2.1B	29
74	R	Fcn	1 T5	810	2.1B	30
75	R	Lrm	1 T5	810	2.1B	28
76	R	Lrm	1 T5	810	2.1B	28
77	R	Lrm	1 T5	810	2.1B	28
78	R	Lrm	1 T5	810	2.1B	28
79	R	Lrm	1 T5	810,813	2.1B	28
80	R	Lrm	1 T5	810	2.1B	28
81	R	Ccn	1 T5	810	2.1B	30
111	R	Fpt	1 T9		2.1A	24
112	R	Cpt	1 T9	802,830	2.1A	24
114	PM	Ldp	2 T1	818	4.2B	45
115	PM	Ldp	2 T1	818	4.2B	45
116	PM	Fpit	2 T1	818	4.2B	45
117	PM	Cpit	2 T1	814,818	4.2B	45
118	PM	Fpit	2 T1	818	4.2B	45
119	PM	Cpit	2 T1	818	4.2B	45
120	PM	Fpit	2 T1	814,818	4.2B	45
121	PM	Cpit	2 T1	814,818	4.2B	45
122	PM	L	2 T1	814,818, 819	4.2B	45
123	MED	L	2 T1	814,818, 819	3.2	40
124	MED	L	2 T1	814,818, 819	3.2	38
125	MED	L	2 T1	814,818, 819	3.2	38
126	R	L	2 T1	814,818, 819	2.2D	36
127	R	Ldp	2 T1	818,819	2.2D	36
128	R	L	2 T1	818,819	2.2D	35
129	PM	Ldp	2 T1	818	4.2B	45
132	R	S	2 T1	804,819	4.2B	34
133	PM	Ldp	2 T1	818	4.2B	45
134	PM	Fpit	2 T1	818	4.2B	45
135	PM	Fpit	2 T1	818	4.2B	45
136	PM	Cpit	2 T1	818	4.2B	45
137	R	L	2 T1	818	2.2D	33
138	PM	Fpit	2 T1	818	4.2B	45
139	PM	Cpit	2 T1	818	4.2B	45
140	MED	L	2 T1	818	3.2	38
141	R	Fpit	2 T1	818	2.2D	35
142	R	Fpit	2 T1	818	2.2D	35
143	R	Ldp	2 T1	818	2.2D	33
144	NA	Lnat	2 T1	818	1.2A	1
145	NA	Lnat	2 T1	818	1.2A	1
146	NA	Lnat	2 T1	818	1.2A	1



147	NA	Lnat	2 T1	818	1.2A	1
149	R	F	2 T1	818	2.2D	33
150	R	C	2 T1	818	2.2D	33
151	R	Ldp	2 T1	818	2.2D	33
152	R	Ldp	2 T1	818	2.2D	33
154	R	Fph?	2 T1	818	2.2D	35
155	R	Fph?	2 T1	818	2.2D	35
156	R	Fph?	2 T1	818	2.2D	35
157	R	Fph?	2 T1	818	2.2D	35
158	R	Cph?	2 T1	818	2.2D	34
159	NA	Lnat	2 T1	818	2.2D	33
160	NA	Lnat	2 T1	818	1.2A	1
161	NA	Lnat	2 T1	818	1.2A	1
163	PM	Fpit	2 T1	818	4.2B	45
164	PM	Cpit	2 T1	818	4.2B	45
165	NA	Lnat	2 T1	818	1.2A	1
166	R	Ldp	2 T1	818	2.2D	35
167	R	Ldp	2 T1	818	2.2D	35
168	R	Ldp	2 T1	818	2.2D	35
169	R	Fdt	2 T1	818,822	2.2D	35
170	R	Fdt	2 T1	818,822	2.2D	35
171	R	Fdt	2 T1	818,822	2.2D	35
172	R	Cdt	2 T1	804,806, 815,818,822	2.2D	34
173	R	Ldp	2 T1	818	2.2D	33
174	R	Fdt	2 T1	818,822	1.2B	19
175	R	Cpt	2 T1	818,822	1.2A	14
176	PM	Fpit	2 T1	818	4.2C	46
177	PM	Cpit	2 T1	818	4.2C	46
178	PM	Fpit	2 T1	818	4.2C	46
179	PM	Cpit	2 T1	818	4.2C	46
180	PM	Fpit	2 T1	818	4.2C	46
181	PM	Cpit	2 T1	818	4.2C	46
182	R	Ldp	2 T1	818,822	1.2B	19
183	R	Ldp	2 T1	818	1.2B	19
184	R	Fpt	2 T1	818,822	1.2B	19
185	NA	Lnat	2 T1	818	1.2A	1
186	NA	Lnat	2 T1	818	1.2A	1
189	NA	Lnat	2 T1	818	1.2A	1
190	NA	Lnat	2 T1	818	1.2A	1
191	NA	Lnat	2 T1		1.2A	1
192	R	Cpit	2 T1	818	2.2D	34
194	PM	Ldp	1 T5	810	4.1	48
195	PM	Fpit	1 T5	810	4.1	48
196	PM	Fpit	1 T5	810	4.1	48
197	PM	Cpit	1 T5	810	4.1	48
198	PM	Fpit	1 T5	810	4.1	46
199	PM	Cpit	1 T5	810	4.1	46
200	R	Lrm	1 T5	810	2.1B	31
201	R	Lrm	1 T5	810	2.1B	31
202	R	L	1 T5	810	2.1A	22
205	R	Fpit	1 T5	810	1.1A	1
206	NA	C	1 T5	803,805, 810	1.1A	1
209	R	Lnat	1 T5	810	1.1A	1
210	R	Lnat	1 T5		1.1A	1
211	PM	Ldp	2 T2	817	4.2B	44
213	PM	Cpit	2 T2	817	4.2B	44
214	PM	Fcn	2 T2	817	4.2B	44
215	PM	Ccn	2 T2	817	4.2B	44
218	PM	Cpit	2 T2	817	4.2B	44
219	PM	Fpit	2 T2	817	4.2B	44
220	PM	Fpit	2 T2	817	4.2B	44
224	PM	Fpit	2 T2	817,820	4.2A	42
225	PM	Fpit	2 T2	817,820	4.2A	42
226	PM	Fpit	2 T2	817,820	4.2A	42
227	R	Cpit	2 T2	817,820	4.2A	42
228	PM	Fpit	2 T2	817,820	4.2B	44
229	PM	Fpit	2 T2	817	4.2B	44
230	PM	Fpit	2 T2	817	4.2B	44
231	PM	Fpit	2 T2	817	4.2A	42
232	PM	Cpit	2 T2	817	4.2A	42
233	R	Lrm	2 T2	817	2.2C	31
234	R	Lrm	2 T2	817	2.2C	28
235	R	Lrm	2 T2	817	2.2C	28
236	R	Lrm	2 T2	817	2.2C	28
237	R	Lrm	2 T2	817	2.2C	28

238	R	Lrm	2 T2	817	2.2C	28
239	R	Lrm	2 T2	817	2.2C	28
240	R	Lrm	2 T2	817,820	2.1B,	27
				2.2C		
241	R	Lmk	2 T2	817,820	2.2B	24
248	R	Cpt	2 T2	804,817	2.2B	24
249	R	Fpt	2 T2	817	2.2B	24
250	R	Lrm	1 T9	830	2.1B	27
251	R	L	1 T9	802,830	2.1A	22
252	R	Lnat	1 T9	830	1.1A	1
253	R	Cte	2 T1	818	2.2D	34
254	PM	Fpit	2 T1	814	4.2B	45
255	PM	Cpit	2 T1	814	4.2B	45
256	PM	Fpit	2 T1		4.2B	45
257	PM	Cpit	2 T1		4.2B	45
258	PM	L	2 T1	814,818	4.2B	45
259	PM	Ldp	2 T1	814	4.2B	45
260	PM	Frt	2 T1	814	4.2B	45
261	PM	Crt	2 T1	814	4.2B	45
262	PM	Fpit	2 T1	814	4.2B	45
263	PM	Cpit	2 T1	814	4.2B	45
264	PM	Fpit	2 T1	814,818	4.2B	45
265	PM	Frt	2 T1	814	4.2B	45
266	PM	Fpit	2 T1	814	4.2B	45
267	PM	Fpit	2 T1	814	4.2B	45
268	PM	Cpit	2 T1	818	4.2B	45
269	PM	Frt	2 T1	814	4.2B	45
270	PM	Frt	2 T1	814	4.2B	45
271	PM	Frt?	2 T1	814	4.2B	45
272	PM	Fpit	2 T1	814	4.2B	45
273	PM	Ldp	2 T1	814	4.2B	45
274	PM	Cpit	2 T1	814	4.2B	45
275	PM	S	2 T1	814	4.2B	45
276	R	Fdt	2 T1	818	2.2A	23
277	R	Fdt	2 T1	814,818	2.2A	23
278	R	L	2 T1	814	2.2D	33
279	R	Fdt	2 T1	814	2.2A	23
280	PM	Ldp	2 T1	814	4.2B	45
281	PM	Ldp	2 T1	814	4.2B	45
282	R	Fpt?	2 T1	818	2.2D	35
283	R	Fpt	2 T1	814,818	2.2A	23
287	R	Cpt	2 T1		2.2D	34
288	R	Cdt	2 T1		1.2A	2
289	MED	L	2 T1	821,822	3.2	41
290	PM	Cwf	2 T1	822	4.2C	46
291	PM	Fwf	2 T1	822	4.2C	46
292	PM	Bwf	2 T1	822	4.2C	46
293	PM	C	2 T1	822	4.2C	46
294	PM	F	2 T1	822	4.2C	46
295	MED	L	2 T1	822	3.2	40
296	MED	L	2 T1	822	3.2	40
297	R	L	2 T1	822	2.2D	36
298	R	Fdt	2 T1	822	2.2D	35
299	R	Ldp	2 T1	818,822	2.2D	33
300	R	Fdt	2 T1	822	1.2B	19
301	R	Fdt	2 T1	822	1.2B	19
302	R	Fdt	2 T1	822	1.2B	19
305	R	Ldp	2 T1	822	2.2D	33
308	R	Fdt	2 T1	822	2.2D	33
309	NA	Lnat	2 T1	822	1.2A	1
310	NA	Lnat	2 T1	822	1.2A	1
311	R	Ldp	2 T1	818	2.2A	23
312	R	Fdt	2 T1	818	2.2A	23
314	R	Fsl	2 T3	819	2.2D	33
315	R	Fsl	2 T3	819	2.2D	33
316	R	Fsl	2 T3	819	2.2D	33
317	R	Ldp	2 T3	819	2.2D	33
318	R	Fdt	2 T1		2.1C	23
319	MED	L	2 T3	819	3.2	38
320	R	L	2 T3	819	2.2D	36
321	R	L	2 T3	819	2.2D	36
322	R	Ldp	2 T3	819	2.2D	33
323	R	Ldp	2 T3	819	2.2D	33
327	NA	Lnat	2 T3	819	1.2A	1
328	NA	Lnat	2 T3	819	1.2A	1
329	NA	Lnat	2 T3	819	1.2A	1
330	NA	Lnat	2 T3	819	1.2A	1

331	R	Csl	2 T3	819	2.2D	33
332	R	Cdt	2 T3		1.2A	2
333	R	Fdt	2 T3	819	2.2A	23
334	R	Fdt	2 T3	819	2.2A	23
335	R	Fdt	2 T3	819	2.2A	23
336	R	Fdt	2 T3	819	2.2A	23
337	R	Fdt	2 T3	819	2.2A	23
338	R	Fdt	2 T3	819	2.2A	23
339	R	S	2 T1	818,822	2.2D	33
340	R	Lmk	2 T1	818,822	2.2D	33
341	R	Fdt	2 T1	814	2.2A	23
342	R	Cdt	2 T1		1.2A	2
343	R	Fdt	2 T3	819	2.2A	23
344	R	Fdt	2 T1	814	2.2A	23
345	R	Fdt	2 T1	814	2.2A	23
346	R	Fdt	2 T1	814	2.2A	23
347	R	Fdt	2 T1	814	2.2A	23
348	R	Fdt	2 T1	814	2.2A	23
349	R	Fdt	2 T1	814	2.2A	23
350	R	Fdt	2 T1	814	2.2A	23
351	R	Fdt	2 T1	814	2.2A	23
352	R	Fdt	2 T1	818	2.2A	23
353	R	Fdt	2 T1	818	2.2A	23
354	R	Fcn	2 T5	821	2.2C	31
355	R	Fcn	2 T5	821	2.2C	31
356	R	Fcn	2 T5	821,831	2.2C	31
357	R	Ccn	2 T5	821,831	2.1B, 2.2C	30
358	R	Bw	2 T5	820,821, 831,832	2.2C	30
359	PM	Fpit	2 T5	821,831	4.2C	46
360	PM	Cpit	2 T5	821,831	4.2C	46
361	R	Lrm	2 T5	821,832	2.2C	28
362	R	Lrm	2 T5	821,832	2.2C	28
363	R	Lrm	2 T5		2.2C	28
364	R	Lrm	2 T5	821,831	2.2C	28
365	R	Lrm	2 T5	821,831	2.2C	28
366	R	Lrm	2 T5	821,831	2.2C	28
367	R	Lrm	2 T5		2.1B, 2.2C	27
368	R	Ldp	2 T5	821,831, 832	1.2B	20
370	R	Lrm	2 T5	821,832	2.2C	31
371	PM	Ccn	2 T5	821	4.2A	43
372	PM	Fcn	2 T5	821	4.2A	43
373	PM	Fcn	2 T5	821	4.2A	43
374	PM	Brp	2 T5	817,820, 821	4.2A	43
375	PM	Bwf	2 T5	821	4.2A	43
378	PM	Cpit	2 T5	821,822	4.2C	46
379	PM	Fpit	2 T5	821,822	4.2C	46
380	PM	Cpit	2 T5	822	4.2C	46
381	PM	Fpit	2 T5	822	4.2C	46
382	R	L	2 T5	822	4.2C	46
384	R	Fdt	2 T3	814	2.2A	23
385	R	Fdt	2 T3	814	2.2A	23
386	R	Fdt	2 T3	814	2.2A	23
387	R	Fdt	2 T3	814	2.2A	23
388	R	Fdt	2 T3	814	2.2A	23
389	R	Fdt	2 T3	814	2.2A	23
390	MED	Cte	2 T1	814,818, 819	3.2	40
400	PM	Ccn	2 T2	817	4.2B	44
401	PM	Bw	2 T2	817	4.2B	44
402	PM	Bw	2 T2	817	4.2B	44
403	PM	Fcn	2 T2	817	4.2B	44
404	PM	Fcn	2 T2	817	4.2B	44
405	MED	L	2 T2	817	3.2	40
406	MED	L	2 T2	817	3.2	39
407	R	Cdt	2 T2	817	2.2D	34
408	R	L	2 T2	817	2.2D	36
409	R	L	2 T2	817	2.2D	36
410	R	Fdt	2 T2	817	2.2D	35
411	R	Fdt	2 T2	817	2.2D	35
412	R	Fdt	2 T2	817	2.2D	35
413	R	Ldp	2 T2	817	2.2D	35
414	R	Lrm	2 T2	817	2.2C	31

415	R	Lrm	2 T2	817	2.2C	31
416	R	L	2 T2	817	2.2B	25
417	NA	Lnat	2 T2	817	1.2A	1
418	NA	Lnat	2 T2	817	1.2A	1
419	NA	Cwc	2 T2	817	1.2A	1
420	NA	Fwc	2 T2	817	1.2A	1
421	PM	Fcn	2 T2	817,820	4.2A	43
422	PM	Fpit	2 T2	817	4.2A	42
423	PM	Fpit	2 T2		4.2B	44
424	PM	Cpit	2 T4	820	4.2B	44
425	PM	Fpit	2 T4	820	4.2B	44
426	PM	Fpit	2 T4	820	4.2B	44
427	PM	Fpit	2 T4	820	4.2B	44
428	PM	L	2 T4	820	4.2A	42
429	PM	Ccn	2 T4	820	4.2A	43
430	PM	Fcn	2 T4	820	4.2A	43
431	PM	Fcn	2 T4	820	4.2A	43
432	PM	Cte	2 T4	820	4.2A	42
433	PM	Focc	2 T4	820	4.2A	42
434	R	Lrm	2 T4	820	2.2C	31
435	PM	Ccn	2 T4	817,820	4.2A	43
436	PM	Bwf	2 T4		4.2A	43
447	R	Lrm	2 T4	820	2.2C	28
448	R	Lrm	2 T4	820	2.2C	29
449	R	Lrm	2 T4	820	2.2C	28
450	R	Ccn	2 T4	820	2.2C	30
451	R	Fcn	2 T4	820	2.2C	31
452	R	Fcn	2 T4	820	2.2C	31
453	R	Bwf	2 T4		2.2C	30
454	R	Lrm	2 T4	820	2.2C	28
455	R	Lrm	2 T4	820	2.2C	28
456	R	Lrm	2 T4	820	2.2C	28
457	R	Lrm	2 T4	820	2.2C	28
458	R	Lrm	2 T4	820	2.2C	28
459	R	Lrm	2 T4	820	2.2C	28
460	R	Lrm	2 T4	820	2.2C	28
461	R	Cte	2 T4	820	2.2C	30
462	R	Lrm	2 T4	820	2.2C	27
463	R	L	2 T4	820	2.2A	22
466	R	Lrm	2 T4	820	2.2C	31
470	MED	Cpit	2 T2	817	3.2	39
471	MED	Fpit	2 T2	817	3.2	39
472	MED	Cte	2 T2	817	3.2	38
473	MED	L	2 T2	817	3.2	38
474	MED	L	2 T2	817	3.2	38
475	MED	L	2 T2	817	3.2	38
476	MED	Cocc	2 T2	817	3.2	38
477	MED	L	2 T2	817	3.2	38
478	MED	L	2 T2	817	3.2	38
479	MED	L	2 T2	817	3.2	38
480	R	L	2 T2	817	2.2D	36
481	R	L	2 T2	817	2.2D	36
482	R	Ldp	2 T2	817	2.2D	32
483	R	L	2 T2	817	2.2B	25
484	R	Ldp	2 T2	817	2.2D	32
485	R	Ldp	2 T2	817	2.2D	32
486	R	Fwc	2 T2	817	2.2A	23
487	R	Fwc	2 T2	817	2.2A	23
488	R	Fwc	2 T2	817	2.2A	23
489	R	Fwc	2 T2	817	2.2A	23
490	R	Fwc	2 T2	817	2.2A	23
491	R	Fwc	2 T2	817	2.2A	23
492	R	Fwc	2 T2	817	2.2A	23
493	R	Fwc	2 T2	817	2.2A	23
494	R	Fwc	2 T2	817	2.2A	23
495	R	Fwc	2 T2	817	2.2A	23
496	R	Fwc	2 T2	817	2.2A	23
497	R	Fwc	2 T2	817	2.2A	23
498	R	Fwc	2 T2	817	2.2A	23
499	R	Fwc	2 T2	817	2.2A	23
500	R	Fdt	2 T2	817	2.2A	23
501	R	Cwc	2 T2	804,817	1.2A	2
502	R	Fwc	2 T2	817	2.2A	23
503	R	Fwc	2 T2	817	2.2A	23
504	R	L	2 T2	817	2.2B	25
505	NA	Lnat	2 T2	817	1.2A	1
506	R	Cpit	2 T2	817	2.2B	25

507	R	Fpit	2 T2	817	2.2B	25
508	R	Fpit	2 T2	817	2.2B	25
509	R	L	2 T2	817	2.2B	25
510	NA	Lnat	2 T2	817	1.2A	1
511	NA	Lnat	2 T2	817	1.2A	1
513	NA	Lnat	2 T2	817	1.2A	1
514	R	Smk	2 T2	820	2.2B	24
519	R	Lrm	2 T2	820	2.2C	28
520	R	Lrm	2 T2	820	2.2C	28
521	R	Lrm	2 T2	820	2.2C	27
522	R	Csl	2 T2	820	2.2B	24
523	R	Fsl	2 T2	820	2.2B	24
524	MED	Cte	2 T2	815	3.2	39
525	MED	Cte	2 T2	815	3.2	40
600	PM	Ccn	1B	803,808	BW.B	54
601	PM	Fcn	1B		BW.B	54
602	PM	Bwe	1B	803,808	BW.B	54
603	PM	Fwe	1B		BW.B	54
610	PM	Bw	1B	803,808, 828	BW.B	52
611	PM	L	1B	803,808, 828,829	BW.B	52
612	PM	B	1B	808,828, 829	BW.B	52
613	PM	L	1B	828,829	BW.B	51
614	PM	Ldp	1B	803,808, 828,829	BW.B	51
615	PM	Ldp	1B	803,808, 828,829	BW.B	51
616	PM	L	1B	828	BW.A	50
617	PM	L	1B	828,829	BW.A	50
618	PM	L	1B	828	2.1B	37
620	PM	L	1B	828	2.1B	37
621	PM	Misc	1A	803		49
622	R	C	1B	828	2.1B	37
623	R	F	1B	828	2.1B	37
624	PM	L	1B	828	BW.A	49
625	MOD	Ldem	1B	828	BW.B	55
626	PM	Ldp	1B	828	BW.B	51
627	PM	Ldp	1B	828	BW.B	51
628	PM	Fdp	1B	828	BW.A	49
629	PM	Fdp	1B	828	BW.A	49
630	PM	Fpit	1B	828	BW.A	49
631	PM	Fpit	1B	828	BW.A	37
632	PM	Fpit	1B	828	BW.A	49
633	PM	Fpit	1B	828	BW.A	49
634	PM	Fpit	1B	828	BW.A	49
635	PM	Fpit	1B	828	BW.A	49
636	PM	Fpit	1B	828	BW.A	49
637	PM	Ldp	1B	828	BW.B	51
638	PM	Ldp	1B	828	BW.B	51
639	PM	L	1B	828	BW.B	51
640	PM	Fpit	1B	828	BW.A	49
641	PM	Fpit	1B	828	BW.A	49
642	PM	Fpit	1B	828	BW.A	49
643	PM	Fpit	1B	828	BW.A	49
644	PM	Fpit	1B	828	BW.A	49
645	PM	Fpit	1B	828	BW.A	49
646	PM	Fpit	1B	828	BW.A	49
647	PM	L	1B	828	BW.B	51
648	PM	Ldp	1B	828	BW.A	50
649	PM	L	1B	828	BW.A	50
650	PM	Ldp	1B	803,808, 828	BW.B	52
651	PM	Ldp	1B	828	BW.B	51
652	PM	L	1B	829	BW.A	50
653	PM	L	1B	829	BW.A	53
654	PM	Ldp	1B	829	BW.B	51
655	PM	Ldp	1B	829	BW.B	51
656	PM	Cpit	1B	803,808, 828,829	BW.A	49
657	PM	Ldp	1B	829	BW.A	49
658	PM	Ldp	1B	829	BW.A	49
659	PM	L	1B	829	BW.A	49
660	PM	Ldp	1B	829	BW.A	49
661	PM	Ldp	1B	829	BW.A	49
662	PM	Ldp	1B	829	BW.A	49

663	PM	Ldp	1B	829	BW.A	49
664	PM	Ldp	1B	829	BW.A	49
665	PM	Ldp	1B	829	BW.A	49
666	PM	F pit	1B	829	BW.A	49
667	R	Fpit	1B	829	2.1B	37
668	R	Fpit	1B	829	2.1B	37
669	R	Fpit	1B	829	2.1B	37
670	R	Cpit	1B	803,829	2.1B	37
671	PM	Cte	1	808,828, 829	BW.A	50
672	PM	Cpit	1	828	BW.A	49
673	PM	Cpit	1	828	BW.A	49
674	PM	Cte	1		BW.B	52
701	PM	Cte	1A	815	4.1	46
702	PM	Fte	1A	815	4.1	46
703	R	Fte	1A	809,815	2.1B	28
704	R	Fte	1A	815	2.1A	25
705	R	Fte	1A	815	2.1A	25
706	R	Fte	1A	815	2.1A	25
707	R	Cte	1A	815	2.1A	25
708	R	Lrm	1A	809,815	2.1B	28
709	R	Lmk	1A	809,815	1.1C	15
710	R	Lmk	1A	809,815	1.1C	15
711	R	Lrm	1A	809,815	2.1B	28
712	R	Lrm	1A	815	2.1B	28
713	R	Lrm	1A	815	2.1B	28
715	R	Lmk	1A	809	1.1C	15
716	R	Lpk	1A	809	1.1C	15
717	R	L	1A	809,815	1.1B	11
718	R	Ldp	1A		1.1B	11
719	R	Smt	1A	809,815	1.1A	5
720	R	Crb?	1A	809	1.1C	16
721	R	Cpt	1A	803,805, 809,811,812+	1.1C	15
722	R	Lmk	1A	809,815	1.1C	15
723	R	Ldp	1A	815	1.1B	10
724	R	Ldp	1A	809,815	1.1B	11
725	R	Ldp	1A	815	1.1B	11
727	R	Lrm	1A	815	2.1B	28
728	R	Lmk	1A	809,815	1.1C	15
731	R	Ldp	1A	809,815	1.1B	11
732	R	Ldp	1A	815	1.1B	11
733	R	Lrm	1A	813,815	2.1B	28
734	R	Lrm	1A	815	2.1B	28
735	R	Lrm	1A	815	2.1B	28
736	R	Lrm	1A	815	2.1B	28
737	R	Lrm	1A	815	2.1B	28
738	R	Lrm	1A	813,816, 830	2.1B	28
739	R	Lrm	1A	813,821, 830-832	2.1B	28
740	R	Lrm	1A	810,813, 816,821,830+	2.1B	28
741	R	Lrm	1A	813,816, 830,831	2.1B	28
742	R	Lrm	1A	809,813, 816,830-832	2.1B, 2 .2C	27
744	PM	Cwe	1A	803,809, 813	4.1	46
745	PM	Bwe	1A	809,813	4.1	46
746	R	Lrm	1A	815	2.1B	28
747	R	Ldp	1A	809,815	1.1B	11
748	R	Ldp	1A	815	1.1B	9
749	PM	Cpit	1A	803,813	4.1	44
750	PM	Fpit	1A	813	4.1	44
753	R	L	1A	809,813, 815,816	2.1A, 2.2A	22
754	R	Cdt	1A	803,809, 815	2.1A	24
755	R	Fdt	1A	813	2.1A	24
757	R	Fdt	1A	813	2.1A	24
758	R	Fdt	1A	813	2.1A	24
760	R	Fdt	1A	809,813	2.1A	24
761	R	Fdt	1A	809,815	2.1B	28
762	R	Lrm	1A	809,815	2.1B	28
763	R	Fdt	1A	809,815	1.1A	2
764	R	Fdt	1A	815	1.1A	2

765	R	Fte	1A	815	2.1A	25
766	R	Cte	1A	815	2.1A	25
767	R	Fdt	1A	815	2.1A	24
768	R	Fte	1A	815	2.1A	25
769	R	Fte	1A	815	2.1A	25
770	R	Lrm	1A	809	2.1B	28
771	R	Lrm	1A	813	2.1B	26
772	R	Fpt	1A	809	1.1C	15
773	R	Fpk	1A	809	1.1C	15
774	R	Lrm	1A	813	2.1B	26
775	R	Lrm	1A	809	2.1B	28
776	R	Lrm	1A	809	2.1B	28
777	R	Lrm	1A	809	2.1B	28
780	R	Lmk	1A	809	1.1B	11
781	R	Ldp	1A	809	1.1B	11
782	R	Lmk	1A	809	1.1B	12
783	PM	Fpk	1A	809	4.1	46
785	R	Ldp	1A	809	1.1B	11
786	R	L	1A	809	4.1	46
787	R	L	1A	809	4.1	46
788	R	Cte	1A	803,805, 809,811,812+	1.1A	4
789	R	Cpit	1A	803,811	1.1B	11
790	R	L	1A	813	1.1A	1
791	R	Cpt	1A	803,805, 811,815,839	1.1C	15
792	R	Fpt	1A	815	1.1C	16
793	R	Cpt	1A	803,805, 809-812,816+	1.1B	12
794	R	Fpt	1A	810	1.1C	16
796	R	Fdt	1A	809	2.1A	24
797	R	Fdt	1A	809	2.1A	24
799	R	Fdt	1A	809	2.1A	24
800	R	Fdt	1A	809	2.1A	24
801	R	Fdt	1A	809	2.1A	24
803	R	Lte	1A	809	1.1B	9
804	R	Fdt	1A	809	4.1	46
805	R	L	1A	809	2.1A	22
808	PM	C	1A	809	4.1	46
809	R	Ldp	1A		1.1B	8
810	R	Fpt	1A	816,830	1.1C	16
813	R	Cdt	1A	803,805, 809,815,838	1.1A	2
814	R	Ccn	1A	809,810, 813,815	2.1B	30
815	R	Bwf	1A	803,809, 810,813	2.1B	30
816	R	Cpit	1A	816	1.1C	21
817	R	Fpit	1A	816	1.1C	21
818	PM	Cpit	1A	830	2.1B	46
819	PM	Fpit	1A	830	4.1	46
820	R	Lrm	1A	830	2.1B	28
821	R	Cdt	1A	803,813	2.1A	24
822	R	Fdt	1A	813	2.1B	26
823	R	Lrm	1A	813	2.1B	26
824	R	Lrm	1A	809,813	2.1B	26
825	R	Lrm	1A	813	2.1B	26
826	R	Lrm	1A	813	2.1B	26
827	R	Lrm	1A	813	2.1B	26
828	R	Lrm	1A	813	2.1B	26
829	R	Lrm	1A	813	2.1B	28
830	R	Lrm	1A	813	2.1B	28
831	R	Lrm	1A	813	2.1B	26
832	R	Lrm	1A	813	2.1B	28
833	R	Lrm	1A	813	2.1B	28
835	R	Ldp	1A	809	1.1B	11
836	R	Ldp	1A	809	1.1B	11
837	R	Ldp	1A	809	1.1B	11
838	R	Fte	1A	809	1.1B	9
840	R	Fdt	1A	809	1.1A	2
841	R	Fte	1A	809	2.1B	28
842	R	Cpt	1A	803,805, 811,815,838	1.1B	7
843	R	Fpt	1A	815	1.1B	7
844	R	Fpt	1A	815	1.1B	7
845	R	Fpt	1A	815	1.1B	7
848	R	Cpit	1A	803,805,	1.1A	3

849	R	Fpit	1A	838	1.1A	3
850	R	Cpt	1A	803,805, 838	1.1B	7
851	R	Cppt	1A	803,805, 811,838	1.1B	7
852	R	Cph	1A	803,805, 811,838	1.1B	6
853	R	Cph	1A	803,805, 811,838	1.1B	6
854	R	Cppt	1A	803,805, 811,838	1.1B	7
855	R	Smt	1A	803,805, 809,811,812+	1.1A	5
857	R	Fpt	1A		1.1B	7
858	R	Fppt	1A		1.1B	7
859	R	Fph	1A		1.1B	6
860	R	Fph	1A		1.1B	6
861	R	Fppt	1A		1.1B	7
862	R	L	1A		1.1B	11
863	R	Ldp	1A		1.1B	11
864	R	Lte	1A		1.1B	11
865	R	Cpt	1A	803	1.1B	6
866	R	Cpt	1A	803,805, 812,838	1.1B	6
867	R	Cppt	1A	803,812	1.1B	6
868	R	Cph	1A	803,805, 812,838	1.1B	6
869	R	Cpt	1A	803,805, 812,838	1.1B	6
870	R	Cph	1A	803,805, 811,812,838	1.1B	6
871	R	Cpt	1A	803,805, 811,838	1.1B	6
872	R	Cpt	1A	803,805, 811,838	1.1B	6
873	R	Fpt	1A		1.1B	6
874	R	Fpt	1A		1.1B	6
875	R	Fpt	1A		1.1B	6
876	R	Fph	1A		1.1B	6
877	R	Fpt	1A		1.1B	6
878	R	Fpt	1A		1.1B	6
879	R	Ldp	1A	809	1.1B	9
881	R	Fdt	1A	809	1.1A	2
888	R	Fdt	1A	809	1.1A	2
889	R	Ldp	1A	809	1.1B	11
890	R	Ldp	1A	809	1.1B	4
893	R	Csl	1A	803,805, 811,812,816+	1.1A	4
894	R	Fsl	1A	811,812, 816	1.1B	9
895	R	Fsl	1A		1.1B	9
896	R	Cph	1A	803,805, 839	1.1C	21
897	R	Fph	1A		1.1C	21
898	R	Cph	1A	803,805, 839	1.1C	21
899	R	Fph	1A		1.1C	21
900	R	Cph	1A	803,805, 839	1.1C	21
901	R	Fph	1A		1.1C	21
902	R	Cph	1A	803,805, 839	1.1C	21
903	R	Fph	1A		1.1C	21
904	R	Cph	1A	803	2.1A	25
905	R	Fph	1A		2.1A	25
906	R	Fph	1A		2.1A	24
907	R	Misc.pp i	1A		1.1C	21
908	R	Misc.pp i	1A		1.1C	21
909	R	Misc.pp i	1A		1.1C	21
910	R	Misc.pp i	1A		1.1C	21
911	R	Cdt	1A	803	2.1A	24
912	R	L	1A		2.1A	25



915	R	Fdt	1A	809	1.1A	2
916	R	Crb	1A	809	1.1C	16
917	R	Frb	1A	809	1.1C	16
918	R	Frb	1A	809	1.1C	16
922	R	Fpt	1A	809	1.1B	12
923	R	L	1A	809	1.1A	1
924	R	Cph	1A	805,811, 812,838	1.1B	6
925	R	Cph	1A	805,811, 812,838	1.1B	6
926	R	Cph	1A	805,811, 838	1.1B	6
927	R	Cph	1A	805,838	1.1B	6
928	R	Cph	1A	805,838	1.1B	6
929	R	Cph	1A	803,805, 811,838	2.1B	37
930	R	Cdt	1A	803	2.1B	37
931	R	Cpit	1A	803	2.1B	37
932	R	Cpit	1A	803	2.1B	37
934	R	Fpit	1A		2.1B	37
936	R	Fpit	1A		2.1B	37
937	R	Fdt	1A		2.1B	37
938	R	Fdt	1A		2.1B	37
939	R	Fpit	1A		2.1B	37
940	R	Cpit	1A	803	2.1B	37
941	R	Fdt	1A		2.1B	37
942	R	Fdt	1A		2.1B	37
943	R	Fpit	1A	814	2.1B	37
944	R	Fpit	1A	814	2.1B	37
945	R	Fpit	1A	814	2.1B	37
946	R	Cpit	1A	803,814	2.1B	37
947	R	Fpit	1A		2.1B	37
948	R	Cpit	1A	803	2.1B	37
949	R	Fpit	1A		2.1B	37
950	R	Fdt	1A		2.1B	37
951	R	Cdt	1A	803	2.1B	37
952	NA	C	1A	803,805	1.1A	1
953	R	Cpit	1A	803,805	1.1A	4
955	R	Cph	1A	805,838	1.1B	6
956	R	Fppi	1A		1.1C	21
957	R	Fppi	1A		1.1C	21
958	R	Fppi	1A		1.1C	21
959	R	Fppi	1A		1.1C	21
960	R	Cte	1A	815	2.1A	25
961	PM	Bw	1A	803	4.1	47
962	PM	Bw	1A	802,803	4.1	47
963	PM	Bw	1A	802,803	4.1	47
964	PM	Bw	1A	802	4.1	47
965	PM	Bw	1A	802	4.1	47
966	PM	Bwf	1A	803	4.1	48
967	PM	Cwf	1A		4.1	48
968	R	Cpt	1A	802,830	2.1A	24
971	MOD	Ccn	1	815	4.1	48
972	MOD	Bwf	1	815	4.1	48
973	MOD	Fcn	1	815	4.1	48
974	PM	Bw	1	815	4.1	47
975	R	Lrm	1	815	2.1B	29
976	R	Lrm	1	815	2.1B	29
977	R	Lrm	1	815	2.1B	31
2000	R	Cdt	3	803,804, 806,807,823, 803,807, 824,826	1.3A	14
2001	R	Cwc	3		2.3B	34
2002	R	Cdt	3	803,804, 807,814,817+	1.3A	2
2003	R	Cwc	3	803,804, 807,814,824,	1.3A	2
2005	R	Fdt	3	823,827	1.3B	18
2006	R	Fdt	3	823,827	1.3B	18
2007	R	Fdt	3	823,827	1.3B	18
2008	NA	L	3	825	1.3A	1
2009	NA	L	3	825	1.3A	1
2010	NA	L	3	825	1.3A	1
2011	NA	L	3	825	1.3A	1
2012	NA	L	3	825	1.3A	1
2013	NA	L	3	825	1.3A	1
2015	NA	L	3	825	1.3A	1

2016	NA	L	3	825	1.3A	1
2017	NA	L	3	825	1.3A	1
2018	R	Fdt	3	823,827	1.3B	18
2020	R	Fwc	3	824,826	2.3B	33
2021	R	Fwc	3	824	2.3A	23
2022	R	Fwc	3	824	2.3A	23
2023	R	Fwc	3	824	2.3A	23
2024	R	Fwc	3	824	2.3A	23
2025	R	Fwc	3	824	2.3A	23
2026	R	Fdt	3	824,826	2.3A	23
2027	PM	Cpit	3	803	4.3	46
2028	PM	Fpit	3		4.3	46
2029	R	Fdt	3	824	2.3A	23
2030	R	Fdt	3	824,826	2.3A	23
2033	R	Cwc	3	803,807, 809,824,826	2.3B	33
2035	R	Fwc	3	824,826	2.3B	35
2036	R	Fwc	3	824	2.3A	23
2037	R	Fwc	3	824	2.3A	23
2038	R	Fdt	3	824	2.3A	23
2039	R	Fdt	3	824,826	2.3A	23
2040	R	Fdt	3	824,826	2.3A	23
2044	MED	L	3	827	3.3A	38
2045	R	L	3	826	2.3B	35
2046	R	L	3	826	2.3B	33
2047	R	L	3	826	2.3B	33
2048	R	L	3	826	2.3B	36
2049	R	L	3	826	2.3B	33
2050	R	L	3	826	2.3B	33
2051	R	Cwc	3	803,826	2.3B	33
2052	R	Fwc	3	826	2.3B	33
2053	R	L	3	826	2.3B	33
2054	R	L	3	826	2.3B	33
2055	MED	L	3	826	3.3	38
2056	R	Fwc	3	826	2.3B	33
2057	R	Fwc	3	826	2.3B	33
2058	R	Fwc	3	826	2.3B	33
2059	R	Fwc	3	826	2.3B	33
2060	R	Fwc	3	826	2.3B	33
2061	R	L	3	826	2.3B	33
2062	R	L	3	826	2.3B	33
2063	R	Fwc	3	826	2.3B	33
2064	R	Cwc	3	803,807, 809,826	2.3B	33
2065	R	Fwc	3	826	2.3B	33
2066	MED	Cpit	3	827	3.3	40
2067	MED	Fpit	3	827	3.3	40
2068	MED	Fpit	3	827	3.3	40
2069	R	L	3	827	2.3B	36
2073	R	L	3	825	2.3B	33
2075	MOD	Lmk	3	825	4.3	48
2076	MED	Cpit	3	825	3.3	38
2077	MED	Fpit	3	825	3.3	38
2078	MED	Fpit	3	825	3.3	38
2079	R	L	3	825	2.3B	36
2080	MED	Cpit	3	825	3.3	38
2081	MED	Fpit	3	825	3.3	38
2082	MED	Fpit	3	825	3.3	38
2083	MED	Fpit	3	825	3.3	38
2084	R	L	3	825	2.3B	36
2085	R	Ldem	3	825	2.3B	35
2086	R	L	3	825	2.3B	33
2087	NA	Lnat	3	825	1.3A	1
2088	NA	Lnat	3	825	1.3A	1
2089	NA	Lnat	3	825	1.3A	1
2093	MED	Cpit	3	825	3.3	38
2094	MED	Fpit	3	825	3.3	38
2095	MED	Cpit	3	825	3.3	38
2096	MED	Fpit	3	825	3.3	38
2097	MED	Fpit	3	825	3.3	38
2098	PM	Cft	3	825	4.3	46
2099	PM	Fft	3	825	4.3	46
2100	PM	Fft	3	825	4.3	46
2101	NA	Lnat	3	825	1.3A	1
2103	R	L	3	825	2.3B	36
2104	R	L	3	824	2.3B	33
2105	R	Fwc	3	824	2.3A	23

2106	R	Fwc	3	824	2.3A	23
2107	R	Fwc	3	824	2.3A	23
2108	R	Fwc	3	824	2.3A	23
2109	MED	L	3	823,824, 827	3.3	40
2110	MED	L	3	823,824, 827	3.3	38
2112	R	Fdt	3	824	2.3A	23
2113	R	Fdt	3	824	2.3A	23
2114	R	Fdt	3	824	2.3A	23
2115	R	Fdt	3	824	2.3A	23
2116	R	Fdt	3	824,826	2.3A	23
2117	R	Fdt	3	823,827	1.3B	18
2118	R	Fdt	3	823,827	1.3B	18
2119	R	Fdt	3	823	1.3B	18
2120	R	Fdt	3	823,827	1.3B	18
2121	R	Fdt	3	823	1.3B	18
2122	R	Fdt	3	823,827	1.3B	18
2123	R	Fdt	3	823	1.3B	18
2124	R	Lrm	3	823	1.3B	18
2125	R	Lrm	3	823,827	1.3B	18
2126	R	Ldp	3	823,824	1.3A	2
2127	R	L	3	823	1.3B	18
2128	R	L	3	823	1.3B	18
2129	R	L	3	823	1.3B	18
2130	R	Ldp	3	823,826	2.3B	32
2132	R	L	3	823,824	2.3B	36
2134	R	Lrm	2 AND 3	807,827	1.3A	14
2135	R	Lrm	3	823,827	1.3A	14
2136	R	Ldp	3	823,824	1.3A	2
2137	R	Ldp	3	823,824	1.3A	2
2138	R	Ldp	3	823,824	1.3A	2
2141	R	L	3	824	2.3B	36
2142	MED	L	3	824	3.3A	38
2143	R	L	3	824	2.3B	38
2144	R	L	3	824	2.3B	33
2145	R	L	3	824,825	2.3B	33
2146	R	Cwc	3	824	2.3B	33
2147	R	Fwc	3	824	2.3B	33
2148	R	L	3	824	2.3B	33
2149	R	L	3	824	2.3B	33
2151	MED	Cdt	2 AND 3	827	3.3	38
2152	MED	Fdt	2 AND 3	827	3.3	38
2153	MED	Fdt	2 AND 3	827	3.3	38
2154	MED	Fdt	2 AND 3	827	3.3	38
2155	MED	Fpt	2 AND 3	827	3.3	38
2156	R	Lrm	2 AND 3	827	1.3A	14
2158	R	L	2 AND 3	827	1.3B	18
2159	MED	L	2 AND 3	827	3.3A	38
2161	MED	Cpit	2 AND 3	827	4.3	46
2162	R	S	2 AND 3	827	1.3B	18
2163	R	Lmk	2 AND 3	827	1.3B	18
2164	R	L	2 AND 3	827	1.3B	18
2165	R	Fdt	2 AND 3	827	1.3B	18
2166	R	Fdt	2 AND 3	827	1.3B	18
2167	MOD	Fpit	2 AND 3	827	4.3	46
2168	MOD	Fpit	2 AND 3	827	4.3	46
2170	R	Lrm	2 AND 3	827	1.3A	14
2172	R	Lrm	3	827	1.3B	18
2173	R	Fdt	3	827	1.3B	18
2174	R	L	3	827	1.3B	18
2175	R	L	3	827	1.3B	18
2176	R	L	3	827	1.3A	2
2177	R	L	3	826,827	1.3A	2
2178	R	Cpit	3	827	2.3B	33
2179	R	Fpit	3	827	2.3B	33
2180	R	Fdt	3	826	2.3A	23
2181	R	Fdt	3	826	2.3A	23
2182	R	Fdt	3	826	2.3A	23
2183	R	Fdt	3	826	2.3A	23
2185	R	L	3	826	2.3A	23
2186	R	L	3	826	1.3A	2
2187	R	Ccn	3	803,804, 806,807,823+	1.3A	14
2189	R	L	3	827	2.3B	36
2191	R	Fwc	3	826	1.3A	13
2192	R	Fwc	3	826,827	1.3B	18

2193	R	Cwc	3	803,807, 826,827	1.3A	4
2194	R	Fwc	3	826,827	1.3A	13
2195	R	L	3	826,827	2.3B	33
2199	R	L	3	826	1.3A	2
2200	MED	L	3	826,827	3.3	40
2201	MED	L	3	826	3.3	38
2202	R	L	3	826	2.3B	36
2203	R	L	3	826,827	2.3B	36
2204	R	L	3	826	2.3B	36
2205	MED	L	3	826,827	3.3	39
2206	MED	Cte	3	823,824, 825-7	3.3	38
2207	PM	Cpit	3	826	4.3	46
2208	PM	Fpit	3	826	4.3	46
2209	PM	Fpit	3	826	4.3	46
2210	PM	Fpit	3	826	4.3	46
2211	PM	Fpit	3	826	4.3	46
2212	PM	Fpit	3	826	4.3	46
2214	R	L	3	826	1.3A	2
2215	R	Ldp	3	826	1.3A	2
2216	NA	Fwc	3	826	1.3A	1
2217	NA	Fwc	3	826	1.3A	1
2218	NA	Fwc	3	826	1.3A	1
2219	NA	Cwc	3	803,807, 826	1.3A	1
2222	R	Fwc	3	826	2.3A	23
2223	R	Fwc	3	826	2.3A	23
2224	PM	L	3	826,827	4.3	46
2226	R	L	3	824	2.3B	33
2228	MED	L	3	826	3.3	38
2229	R	Cwc	3	826	2.3B	33
2230	R	Cwc	3	826	2.3B	33
2231	MOD	L	3	826,827	4.3	48
2232	MOD	L	3	823,824-5	4.3	48
2233	MOD	Bw	1		4.3	48
2234	MOD	Bwf	3	823,824	4.3	48
2235	MOD	Fmod	3	823	4.3	48
2236	MOD	Cmod	3	823	4.3	48
2237	MED	Cpit	3	827	3.3	38
2238	MOD	Fmod	3	827	4.3	48
2239	NA	Fwc	3	826	1.3A	1
2240	MOD	Cte	3	827	4.3	48
2241	MED	Cdt	3	804	3.3	41
2242	MED	Fdt	3		3.3	41
2243	R	Lrm	3	823,827	1.3A	14
2244	R	Lrm	3	823,827	1.3A	14
2245	R	Lrm	3	823,827	1.3A	14
2246	R	Lrm	3	823,827	1.3A	14
2247	R	Lrm	3	823,827	1.3A	14
2248	R	Csl	3	804,806, 826	1.2A	4
2249	R	Cdt	3	804	1.3A	14
2250	MED	Cte	3	826,827	3.3	39
2251	MED	Cte	3	823,824, 825,826-7	3.3	40
3000	R	Ldp	2	816	1.1B,1 .2A	11
3001	R	Cdt	2	804,816	1.2A	4
3002	R	Fdt	2	816	1.2A	11
3003	R	Ldp	2	816	1.2A	11
3004	R	Fdt	2	816	1.2A	11
3005	R	Fdt	2	816	1.2A	11
3006	R	Cptr	2	804,806, 822,832	1.2A	14
3007	R	Cgl	2	804,806, 822,831	1.2A	4
3008	R	Cte	2	831	1.2A	13
3009	R	Ldp	2	816	1.1B,1 .2A	11
3010	R	Lte	2	831,832	1.2A	17
3011	R	Ldp	2	816	1.2A	4
3012	R	Ldp	2	816	1.2A	4
3013	R	Ldp	2	816	1.1B	11
3014	R	Ldp	2	806,816	1.1B	11
3015	R	Ldp	2	816	1.1B	11
3016	R	Ldp	2	816	1.1B	11

3020	R	Cpit	2	804	2.2E	37
3021	R	Fpit	2		2.2E	37
3022	R	Cdt	2		2.2E	37
3023	R	Fdt	2		2.2E	37
3024	R	Fdt	2	831	1.2A	13
3025	R	Fdt	2	831	1.2A	13
3026	R	Lrm	2	831	1.2B	20
3027	R	Ldp	2	831,832	1.2B	20
3028	R	L	2	816,821, 831,832	2.2A	22
3029	R	Ldp	2	831	1.2A	17
3030	R	Ldp	2	831	1.2A	17
3031	R	Fptr	2	822,832	1.2B	19
3032	R	Fdt	2	832	1.2B	19
3033	PM	Bov	2		4.2C	46
3034	PM	Ccn	2	808	4.2C	46
3036	PM	Fov	2		4.2C	46
3039	R	Fptr	2	822	1.2B	19
3040	PM	Ccss	2	804	4.2C	46
3041	PM	Fcss	2		4.2C	46
3042	PM	Cpit	2		4.2C	46
3043	PM	Fpit	2		4.2C	46
3044	R	Cph	2	804,806	2.2E	37
3045	R	Fph	2		2.2E	37
3046	R	Csl	2	806,822	2.2B	24
3047	R	Fsl	2		2.2B	24
3048	R	Cph	2	804,806	1.2A	14
3049	R	Fph	2		1.2A	17
3052	R	Ccss	2	804,806	2.2E	37
3053	R	Fcss	2		2.2E	37
3054	R	Fcss	2		2.2E	37
3055	R	Fcss	2		2.2E	37
3056	R	Cpit	2	804,806	2.2E	37
3057	R	Fpit	2		2.2E	37
3058	PM	Cpit	2	804	4.2C	46
3059	PM	Fpit	2		4.2C	46
3060	R	L	2		2.2E	37
3061	R	L	2		2.2E	37
3062	PM	Cpit	2	815	4.2C	46
3063	PM	Fpit	2	815	4.2C	46
3064	R	Ldp	2	815	2.2D	32
3065	R	Lrm	2	815	2.2C	31
3066	R	Lrm	2	815	2.2C	31
3067	R	Lrm	2	815	2.2A	22
3069	R	Fdt	2	815	2.2D	35
3070	R	Cdt	2		1.2A	14
3073	R	Fdt	2		1.2A	18
3074	R	Fdt	2		1.2A	18
3075	R	Fdt	2		1.2A	18
3076	R	Fdt	2		1.2A	18
3080	R	Fph	2		1.2B	19
3082	R	Fcss	2		2.2E	37
3083	R	Cpit	2		2.2E	37
3084	R	Fpit	2		2.2E	37
3085	MED	Cpit	2	803,814	3.2	38
3086	MED	Fpit	2	814	3.2	38
3088	MED	Ccss	2	804	3.2	38
3089	MED	Fpit	2		3.2	38
3090	R	Fcss	2		2.2E	37
3092	MED	Fcss	2		3.2	38
3094	R	Ldp	2	816	1.2A	4
3095	R	Ldp	2	816	1.2A	11
3096	R	L	2	816	2.2A	22
3099	R	Ldp	2	816,831	1.2A	11
3100	R	Ldp		816,831	1.2A	11
3102	R	Ldp	2	816	1.2A	11
3104	R	Ldp	2	831	1.2A	11
3106	R	Ldp	2	816	1.2A	11
3107	MED	Fpit	2	814	3.2	38
3108	R	Fptr	2	832	1.2B	19
3109	R	Cptr	2	804,806, 818,822	1.2A	14
3114	R	Cph	2	804,806	2.2E	37
3115	R	Misc.pp i	2		2.2E	37
3116	R	Smt	2	816,821, 831	1.2A	5

3117	R	Lrm	2	831,832	2.2c	28
3200	R	M		842,843, 844		1
3201	R	M		841,842, 843,844		22
3202	R	M		841,844		24
3203	R	M		841,842, 843		23
3204	R	M		844		25
3205	R	M		841		26
3206	R	M		841,842, 844		27
3207	R	M		841,842, 844		28
3208	R	M		844		29
3209	R	M		841,842, 844		30
3210	R	M		841,842, 843,844		31
3211	R	M		844		32
3212	R	M		842,843		33
3213	R	M		842,843, 844		34
3214	R	M		842,843, 844		36
3215	MED	M		842,843, 844		38
3216	MED	M		843,844		39
3217	MED	M		842,843, 844		40
3218	PM	M		842,843, 844		42
3219	R	M		841,842, 844		30