INDEX DATA	RPS INFORMATION
Scheme Title Axmun's ter Bypass	Details Excounding on the Youty Floodplan.
Road Number	Date
Exeler museums Contractor Archouological Tield unit	
County Devonshure.	
OS Reference SY 29	
Single sided Double sided A3 Colour 0	

AXMINSTER BYPASS 1990 EXCAVATIONS ON THE YARTY FLOODPLAIN

by

S. Reed

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Introduction

Between May and August 1990 the Exeter Museums Archaeological Field Unit (EMAFU) undertook an archaeological investigation on the Yarty floodplain prior to the construction of the Axminster Bypass. The site was selected in order to locate the Exeter-Dorchester Roman road at a point where it diverged from the present day A35 road (Fig. 1). The site was directed by C.G. Henderson and supervised by R. Mortimer. Post-excavation work was undertaken by S. Reed.

1.1 The site

The site lay at the extreme western end of the Bypass immediately adjoining the A35 where it approaches Axminster (SY281979). At this point the Bypass crossed the River Yarty just above its confluence with the Axe. This site lay some 50-100m south of the existing course of the A35 where it crossed the Yarty. An earlier alignment of the A35, which was in use until 1972 followed a more southerly route. This road was latterly in use as a field entrance and opened out directly onto the site. The area under investigation lay on the western side of the wide floodplain formed by the two rivers. The western field boundary here in fact marked the visible edge of the floodplain. The floodplain had been intensively utilised from at least the 13th century as meadow land. It had been organised in a similar fashion to open field arable land with the whole area divided up into narrow strips within furlongs. Most of the intermediate boundary features had however disappeared by the end of the 19th century and today only a few of the major boundaries survive as low hedgebanks.

1.2 Methods of excavation

The method adopted for examining this site was determined by the nature of the research aims. Much of the necessary information from these excavations was obtained from the examination of vertical section faces. A series of trenches about 2m wide was excavated by this method. The plan of the trenches (Fig. 2) was centred on a long linear transect which approximately followed the centre line of the new A35 Bypass. This was divided into two sections which were separated by the River Yarty. The western section (Trench 1) was c. 120m long and the eastern section (Trenches 14/15) c. 130m long. This provided a longitudinal section through the alluvial deposits across the floodplain. At right-angles to Trench 1 a series of nine trenches of varying length was excavated in order to locate the road itself and to provide transverse sections across the road and associated alluvial deposits. On the eastern side one trench was excavated at right-angles to Trench 15. The longitudinal trenches were initially excavated down to underlying river gravels by machine. The Roman road was first located by this method and was subsequently excavated by hand following the removal of later alluvial deposits. Further expansion of the excavated area took place once the road had been located.

1.3 Site narrative

Excavations on site revealed that all the archaeological stratigraphy was inextricably entwined with alluvial deposition of soils and erosion, which was seen in all the trenches. In Trenches 3, 5 and 6 there were significant deposits of dark grey organic silty clay. These must have been deposited within a channel or channels of the Yarty in the prehistoric period since they were securely stratified below the level of the Roman road. No clear pattern in the direction of the

channels emerged from the excavation and it is likely that several phases of deposition are represented. There is some evidence in Trench 1 to suggest that the river may have been braided. Three small channels appeared to lie within the same phase of deposition. In most of the areas under investigation a substantial deposit of alluvial soils and gravels covered the fills of the river channels. The River Yarty may therefore have settled into a more stable pattern of erosion and deposition for some time before the Roman road was constructed. Radiocarbon samples are currently being processed to place these deposits, and pollen samples taken from them, in a chronological context. Environmental samples taken from the pre-Roman road soils and silted watercourses have been assessed by V. Straker, see Appendix 1, and further work will be undertaken on pollen and macrofossil samples to produce a better understanding of the pre-Roman environment in this area, possibly to complement that being undertaken on the Woodbury Great Close fort ditch (V. Straker forthcoming).

The excavations demonstrated that the road survived in a remarkably good state of preservation within the area of the floodplain that had not been directly affected by river erosion. The road was located within eight of the transverse trenches and traced (but not fully excavated) over a distance of 240m. The road was constructed mainly of local chert and river gravels obtained locally. These were normally laid directly onto the existing ground surface, which was either turf overlying alluvial soils or the naturally occurring gravels. The thickness of the road make-up varied considerably, although this was partly due to the effects of later erosion. The maximum width of the road was observed in two trenches where it extended to 20.25m wide. This provided a spectacular comparison with the modern A35 and the new Bypass whose carriageways were only some 10m wide. The effects of contemporary erosion on the fabric of the road were observed in several places, up to about 30m west of the present course of the River Yarty. The area to the west of here does not appear to have been subjected to any river action in Roman or later times. The northern side of the road required most frequent repair and this area may have been vulnerable to intermittent flooding from the Yarty. The section of road which was recorded to the east of the Yarty had not been affected by river erosion and was found to be in an excellent state of preservation, with a fine compact gravel surface. No definite roadside ditches were detected and there is no reason to suggest that these may have been removed by subsequent crosion.

The position of a contemporary river crossing was not precisely located in these excavations but is likely to be located between Trenches 16 and 2. This was due to the erosive nature of the later courses of the River Yarty which have extended over an area some 200m wide since Roman times. The extraordinary width of the road as demonstrated in Trenches 5 and 6 could be accounted for by the proximity to a ford immediately to the east. This would have been sited within 40m either side of the present course of the Yarty. A ford seems to have been the most likely mode of crossing rather than a bridge. The river channels never seem to have been particularly deep and would not have presented a particularly difficult crossing.

The dating of the road at present relies partly on the quality and form of construction and on its alignment over the floodplain towards the known Roman road section at Woodbury. A small collection of Roman sherds was however

also recorded from the make-up of the road in Trench 3. This presumably derived from a nearby settlement site and may have been incorporated into the road during repair work.

No features contemporary with the use of the road were identified in the excavations. To the east of the River Yarty beyond the area of river erosion a soil horizon which may be of Roman date was traced for about 40m along the linear trench. This was undoubtedly alluvial material deposited during seasonal flooding of the Yarty, and possibly the Axe.

The interpretation of the stratigraphic horizons postdating the Roman road in the western part of the floodplain is made more difficult by the nature of post-medieval erosion and deposition here. In most of the trenches the Roman road was overlain by a deposit of alluvial material up to 1m in depth. This had been deposited within the last 200 years or so and possibly replaced earlier alluvial deposition or soil formation. Four main river channels post-dating the Roman road were identified in the trenches to the west of the existing River Yarty. The latest in this series coincides with that shown on a map which was drawn up in 1798 soon after the late medieval bridge over the Yarty was rebuilt. The courses of the earlier channels are not precisely plotted at present but it should be possible to reconstruct these. The dating sequence of these channels is imprecise although there is direct stratigraphic evidence to show that they preceded the documented 18th-century course.

To the east of the Yarty a much deeper stratified sequence of alluvial soils was recorded. This area was not subjected to erosion by the River Yarty as it lay beyond the eastern limit of that river's position. No dating evidence was recovered but it is possible that at the eastern edge of the excavation an undisturbed sequence of deposition from Roman times survived. Within the sequence two hedgebanks -- one extant, the other slighted -- were recorded. Whilst no finds were recovered both are of probable medieval origin. Both hedges are constructed on post-Roman alluvial soils which seal the road itself. The slighted hedgebank's northern ditch cuts into the road's surface.

To the south of this bank is a ditch cut on the same alignment as the road; this ditch post-dates the Roman road and predates the slighted hedgebank. The ditch itself was probably used for drainage during seasonal flooding of the area.

Within the three westernmost trenches a (probable 18th-century) road was identified. The first of these may have developed from a hollow way as it was cut well into the natural gravels. The road make-up consisted of substantial gravels with a fine compacted surface. This road led to a ford across the Yarty in one of its earlier courses, to the south-west of the modern road bridge. As the road approached the ford it widened to reach a maximum width of 13.5m. On the northern side of this road a raised cobbled path some 2m (maximum) width was constructed at a later date. Its course diverged from that of the road as it approached the river and it probably led to a small bridge to the north of the ford.

In Trenches 14, 15 and 6 a substantial amount of material was exposed, laid in order to raise the ground level for the 19th-century causeway road shown on the 1798 map of the new bridge over the River Yarty. Along with the make-up material, the wall which defined the causeway as it

approached the bridge was also recorded. The map of 1798 shows that the bridge over the River Yarty had recently been rebuilt in a new position. This was necessary because the main channel of the river had moved to the east by some 20m. A new approach road to this was constructed on a causeway which passed over the earlier silted river channel. The bridge which carried the road was in use up until 20 years ago and the foundations were visible in 1990 on either side of the river. Since the early 19th century the course of the river has remained relatively stable.

1.4 Acknowledgements

The sections in this report were drawn by T. Ives, M. Watts and R. Mortimer. The maps and photographs were mounted by T. Dixon. P. Wakeham typed the text and matrices. Thanks are due to V. Straker and M. Canti for suggestions for site sampling.

1.5 Bibliography

Weddell, P.J. 1990 A35 Axminster Bypass and Woodbury Great Close excavations. Assessment Report and Postexcavation Research Design.

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Introduction

This section of the report contains the archaeological evidence upon which the site narrative in Part 1 is based. Stratigraphic relationships of the contexts are represented in the form of matrices. The matrices have been produced according to a series of stratigraphic groups and sub-groups which illustrate events and stages in the archaeological record.

2.1 Context matrix identification

Matrices have been constructed for the contexts of the site. These are numbered 1-13. The sub-group number of each context or group of contexts is found next to the context or group.

2.2 Group and sub-group identification

The contexts for the excavations on the Yarty floodplain have been divided into 29 groups. Each group represents either an archaeological or geological event. As stated in the site narrative the stratigraphy of the site has been heavily influenced by geological events such as crosion, differential deposition and meandering watercourses. Where appropriate the groups have been divided into sub-groups. These subgroups represent distinct stages in an archaeological event and they usually consist of contexts that have a clear relationship. The nature and context of the sub-groups is given on the section on sub-group discussions. This section includes the interpretational conclusions that can be drawn from a consideration of the stratigraphic evidence.

2.3 Context information

Information about individual contexts id provided in two forms. Firstly, the context number as it appears in the context matrix is annotated with an abbreviated type description (Cph = Cut, post-hole). The list of abbreviations is given at the beginning of the series of matrix diagrams. Secondly, a standardised summary description of each context in numerical order is included in the report.

2.4 The context matrices, group and sub-group descriptions, matrices and matrix index

MATRIX ABBREVIATIONS

Layer

Fill Cut \mathbf{C} Build B Surface Miscellaneous Misc All sands and gravels asg Alluvial soils ale Bank bk Blocking hit Burial bu **Buried** soil asp Cesspit CSS Chimney stack ch Cobbles cb Cob spread cs Colluvial soils col Construction cn

-Cremation	cr
Culvert	cv
Demolition	dem
Ditch	dt
Doorway	dw
Drain	dr
Dump	dр
Fireplace	fp
Floor	fÌ
Floor timber	flt
Foundation trench	ft
Flue	fu
Garderobe	ga
Gully	gl
Hearth	h
Hedgebank	hb
Land drain	ldr
Leat	lt
Lintel	1
Make-up	mk
Metalling	mt
M∙dern	mod
Mortar spread	ms
Natural	nat
Occupation	occ
Oven	ov
Packing	pk
Partition	pa
Pit	pit
Post	pst
Post-hole	ph
Post-packing	ppk
Post-pad	ppd
Post-pipe	ppi
Post-pit	ppt
Post-trench	pt
Quarry	qy
Rampart	rm
Recess	rs
Re-cut	rc
Render	rd
Repair	rp
Revetment Rd foundation	rev rdf
Robber trench	rt
Robbing	rb
Roof	rf
Scoop	
Skeleton	sc sk
Slag	
Sleeper-beam	sg sb
Slot	si si
Soil	SO.
Stairway	sw
Stake	st
Stakehole Stakehole	sh
Terrace	te
Timber	1
Timber slot	tsl
Vent	vt
Wall	W
Wall-base	w wb
Wall-footings	wſ
Wotanous	***

Watercourse

Well

Wheelpit

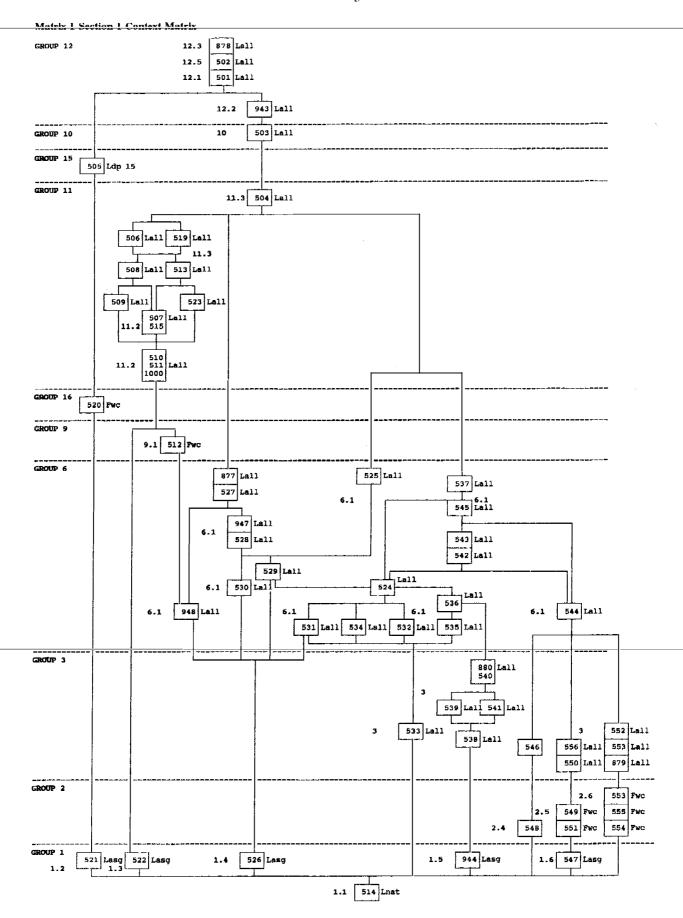
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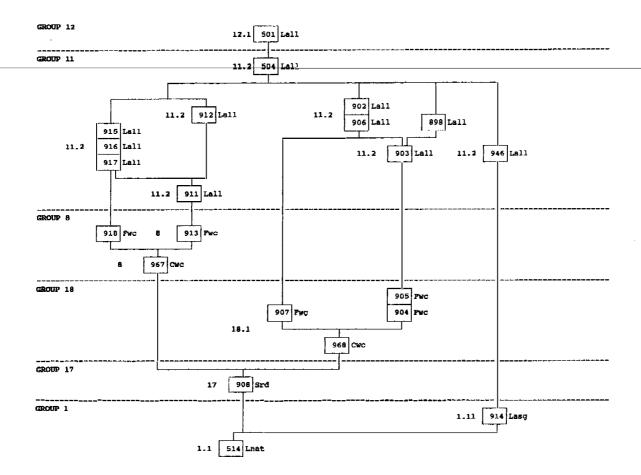
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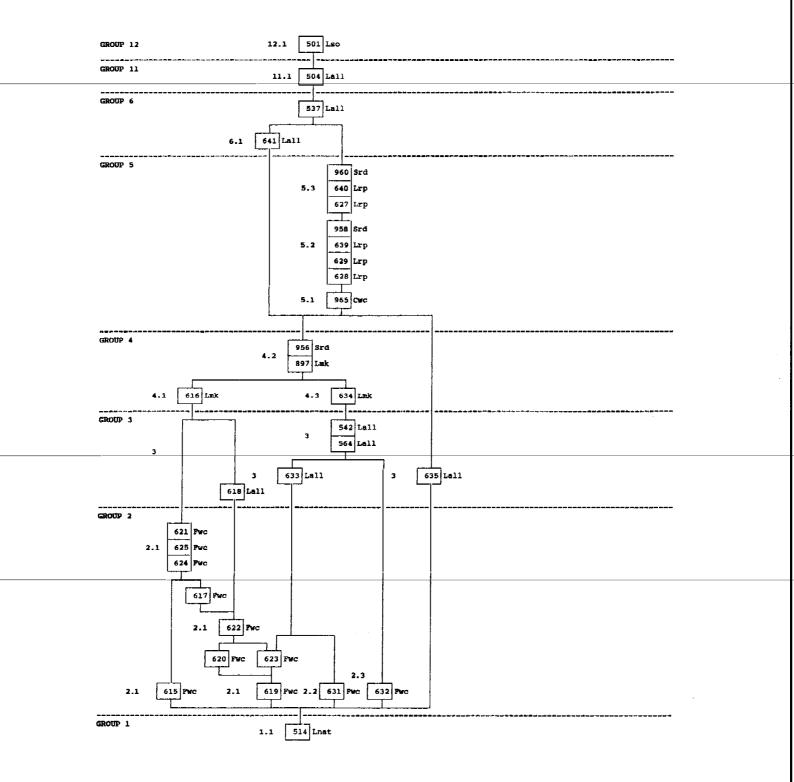
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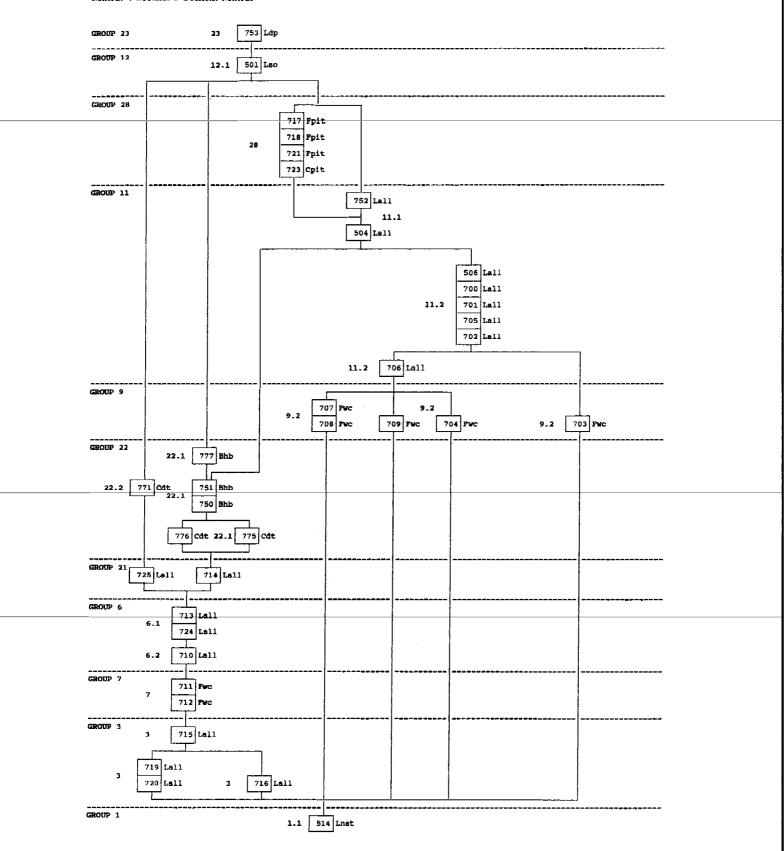
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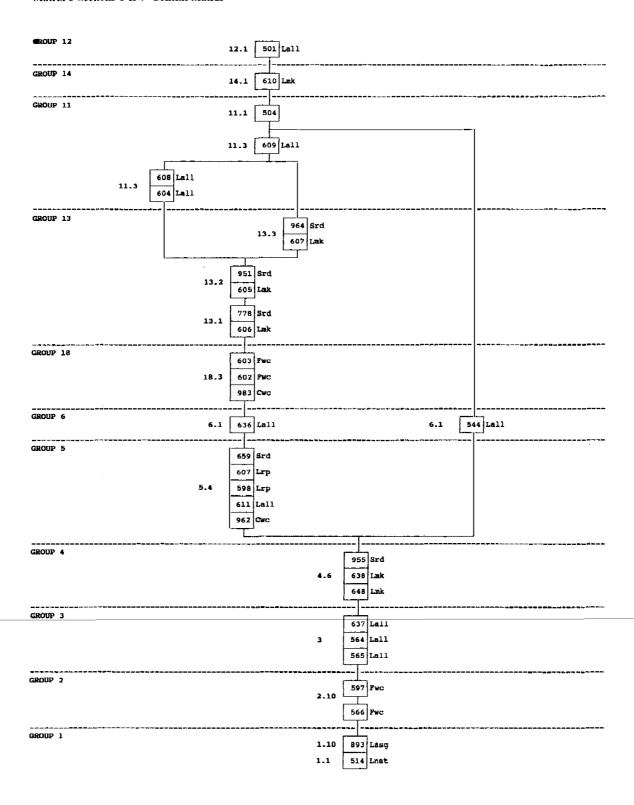


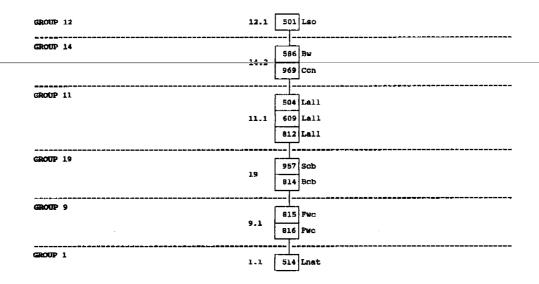




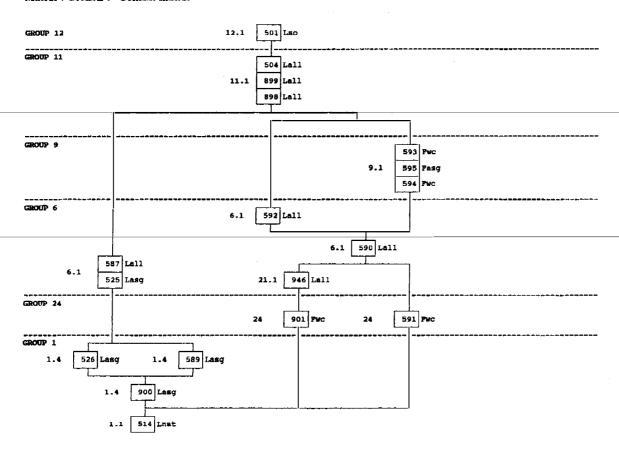
Matrix 4 Section 5 Context Matrix

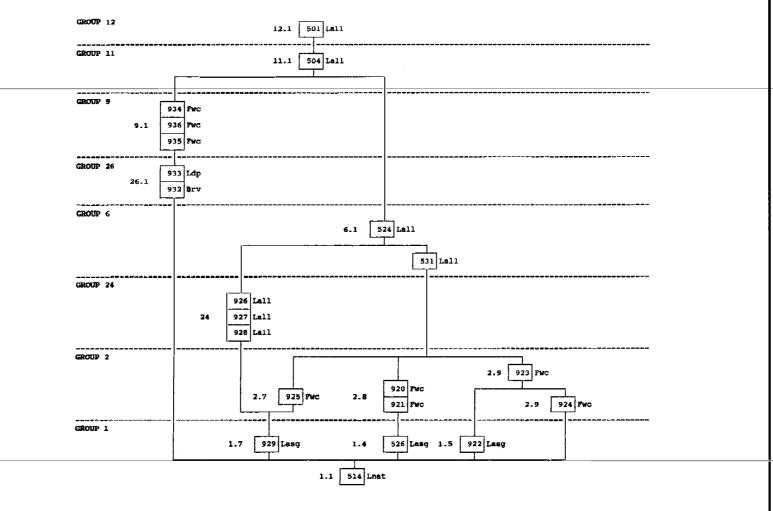


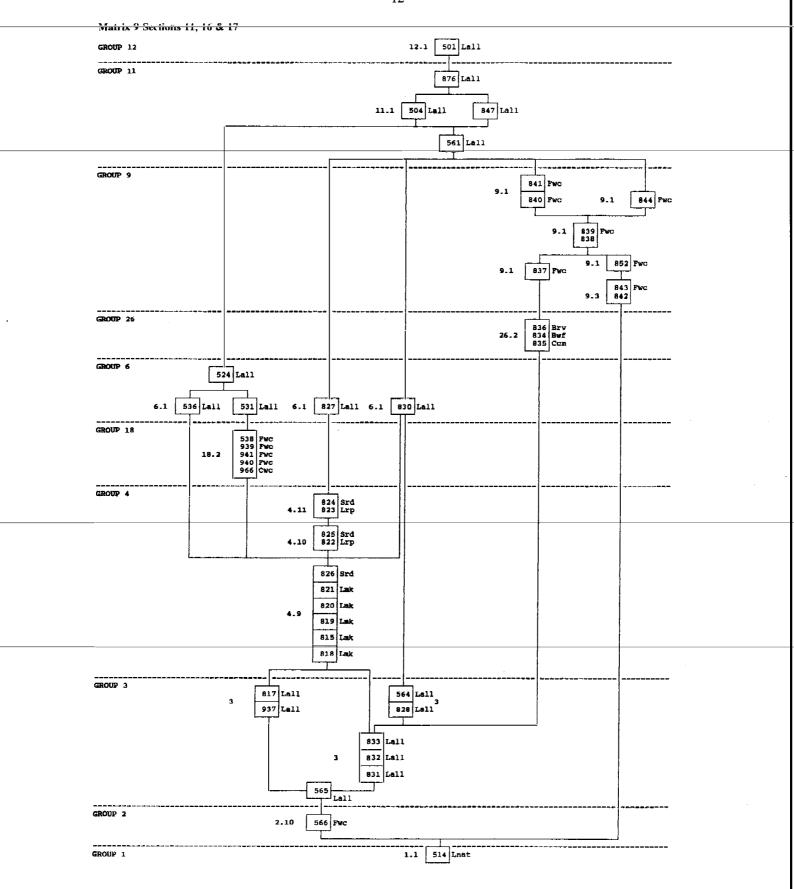


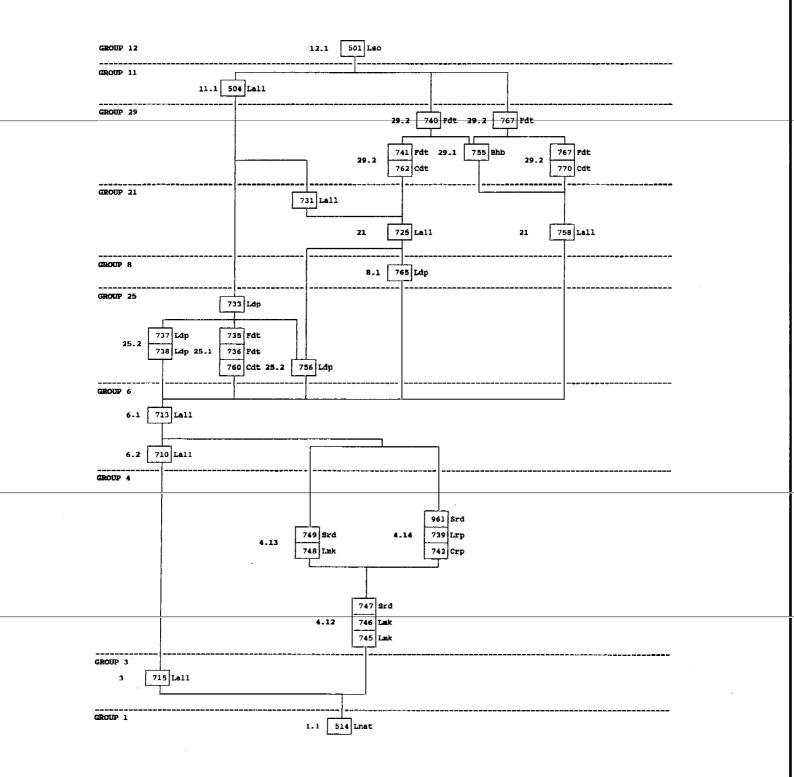


Matrix 7 Section 9 Context matrix

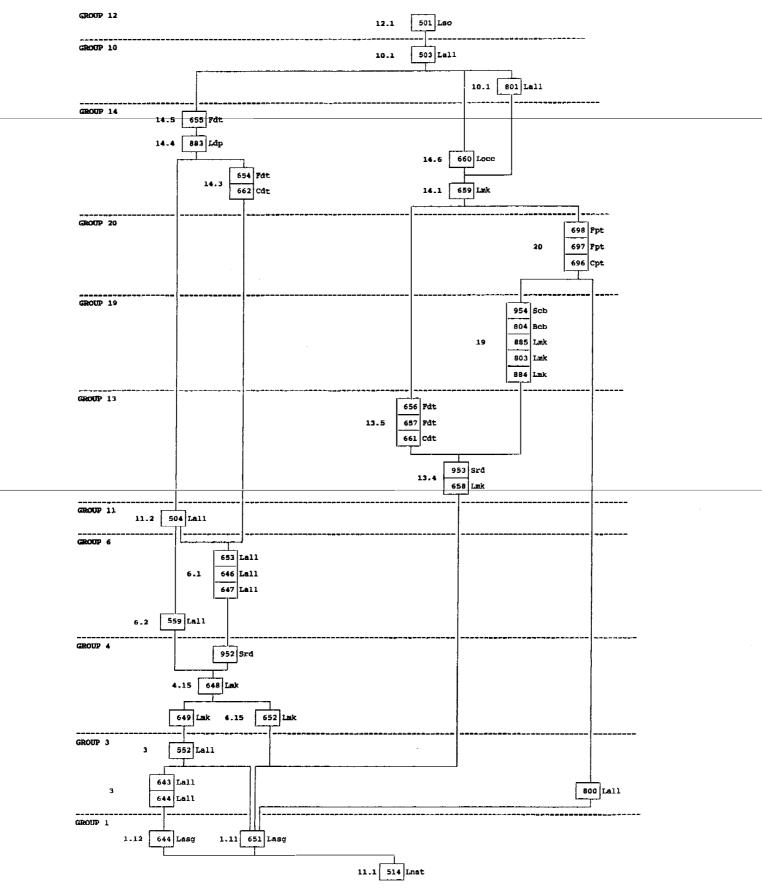




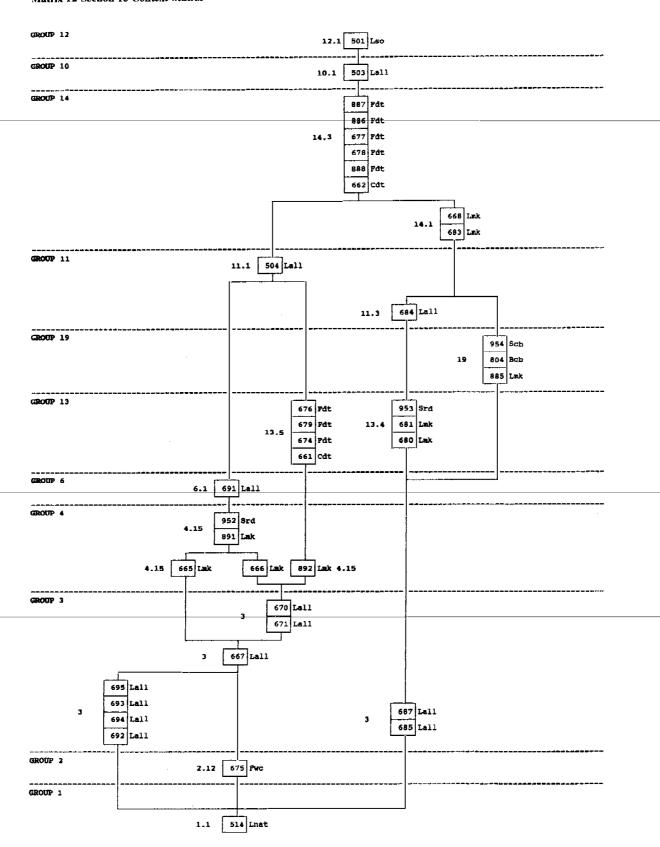




Matrix 11 Section 14 Context Matrix



Matrix 12 Section 15 Context Matrix



Matrix 13 Section 18 & 19 Context Matrix 12.1 501 Lso 12.1 942 GROUP 12 GROUP 14 874 Lak 873 586 969 14.2 Ccn GROUP 11 11-1 504 Lall GROUP 10 578 Lall 576 Lall 575 Lall 574 Lall 10.1 584 Lall GROUP 27 581 Ldp 582 Ldp GROUP 9 585 Fwc 613 Fwc 583 614 Fwc 872 FWC GROUP 6 869 Lall 6.1 572 Lall 6.1 612 Lall GROUP 4 868 374 865 Lmk 867 Srd 4.7 863 Lak 864 Lak 4.7 4-16 861 Lall 866 Srd 859 Lmk 858 Lmk 857 Lmk 4.4 856 Lmk GROUP 3 564 Lall 870 La11 565 Lall 871 Lall GROUP 2 2.10 566 PWC 2.11 855 PWC GROUP 1 1.9 573 Lasg 1.8 579 Lasg 1.1 514 Lnat

Group discussions

Group 1

This group concerns the underlying gravel bed (514) that underlay the entire site and also includes associated gravel banks directly over 514. It was into this group that the prehistoric river channels, Group 2, were cut. Contains subgroups 1.1-1.12

- 1.1 Underlying gravel bed beneath the entire floodplain. Comprises waterworn gravel and boulders up to 0.4m in diameter within a grey clay matrix. Contains context: 514.
- 1.2 River gravels overlying 514. Contains context: 521.
- 1.3 Sandy river gravels overlying 514. Contains context: 522
- 1.4 Gravel bank overlying 514. Contains contexts: 526, 589, 900.
- 1.5 Gravel bank overlying 514. Contains context: 944.
- 1.6 Sandy gravel bank overlying 514. Contains context: 547.
- 1.7 Gravel bank overlying 514. Contains context: 929.
- 1.8 Sandy clay deposit overlying 514. Contains context: 579.
- 1.9 Sandy deposit overlying 514. Contains context: 573.
- 1.10 Sandy gravel bank overlying 514. Contains context: 893.
- 1.11 Gravel bank overlying 514. Contains context: 644.
- 1.12 Gravel bank overlying 514; built onto by Roman road make-up 652 and post-medieval road 658. Contains context: 651.

Group 2

This group concerns the silted prehistoric watercourses cut into Group 1, over which soils developed (Group 3) or upon which the Roman road was built (Group 4). Contains subgroups 2.1-2.12.

- 2.1 Pre-Roman watercourse fills, built directly onto by road make-up 616 in the southern end of section 4. Contains contexts: 615, 617, 619, 620, 622, 623, 524, 625.
- 2.2 Pre-Roman watercourse fill sealed by pre-Roman alluvial soil 633. Contains context: 631.
- 2.3 Pre-Roman watercourse fill sealed by pre-Roman alluvial soil 564. Contains context: 632.
- 2.4 Pre-Roman watercourse fill, black stoneless sticky silt, scaled by pre-Roman horizon 3.2. Contains context: 548
- 2.5 Pre-Roman watercourse fills, within channel in 514. Contains contexts: 549, 551.

- 2.6 Pre-Roman watercourse fills within a channel in 514. Contains contexts: 553, 555, 554.
- Pre-Roman watercourse within a channel in 514.
 Contains context: 925.
- 2.8 Pre-Roman watercourse fills within a channel in 514. Contains contexts: 920, 921.
- Pre-Roman watercourse fils within a channel in 514.
 Contains contexts: 923, 924.
- 2.10 Pre-Roman watercourse fils within a channel in 514. Contains contexts: 566, 597.
- 2.11 Pre-Roman watercourse fill within a channel in 514. Contains context: 855.
- 2.12 Pre-Roman watercourse fill overlying 514. Contains context; 675.

Group 3

Pre-Roman alluvial soils representing a stable pre-Roman soil horizon. The soils vary in texture from clays through silty sandy clays to sands. Contains contexts: 618, 633, 635, 564, 562, 855, 565, 637, \$37, 831, 832, 833, 828, 715, 716, 720, 719, 643, 552, 692, 694, 693, 685, 687, 667, 671, 670, 553, 538, 539, 541, 540, 880, 546, 550, 879, 553, 552, 533, 556, 695, 800, 870, 937

Group 4

This group concerns the make-up of the Roman road across the Yarty floodplain. This group also includes the repairs and resurfacing of the road. Contains sub-groups 4.1-4.16.

- 4.1 Levelling make-up layer forming the primary build of the Roman road. This make-up consists of small to medium-sized waterworn stones within a sandy clay matrix. Contains context: 616.
- 4.2 Make-up for road and surface 956; overlies make-up 616. Consists of a silty clay matrix around small to medium-sized waterworn chert. Contains contexts: 897, 956.
- 4.3 Levelling for make-up 897 for surface 956. This subgroup infills a depression with pre-Roman alluvial soil 642 for make-up 4.2. Contains context: 634.
- 4.4 Road make-ups laid down to provide a firm foundation for Roman road build 4.5. This group of make-up has been laid over a silted pre-Roman watercourse 2.11, at its northern end and over pre-Roman alluvial soils 3.1 at its southern extreme. Contains contexts: 856, 857.
- 4.5 Primary Roman road make-up and surface. The make-up consists of small to medium waterworn chert in a coarse sand matrix. Contains contexts: 859, 866, 860.
- 4.6 Primary make-up and surface of Roman road. The make-up consists of pca-sized gravel with small to large waterworn stones in a sandy clay matrix. The make-up and surface have been eroded away and repaired along its northern camber. Contains contexts: 648, 638, 955.

- 2.7 Resurfacing and new surface over 4.5 but is only extant at the southern edge of 4.5 and over the northern camber of 4.5 and does not cover the entire width of the road. Whether this middle section has been lost through use or it never covered the middle of the road could not be ascertained. Since surface 867 joined 866 in the middle of the road it would suggest that 867 and 866 were possibly used at the same time, after the make-up for 867 had eroded away. The make-up consists of small to medium-sized waterworn chert compacted in a sandy clay. Contains contexts: 864, 867, 863,862.
- 4.8 Major resurfacing of Roman road 4.5, overlying 5.4. This resurfacing raises the level of the road and improves the camber. Consists of large and small angular chert in a clayey sand matrix. Contains contexts: 868, 865.
- 4.9 Primary build of Roman road creating a cambered road. The main build 821 consists of small to medium-sized waterworn chert with a sand matrix. Contains contexts: 817, 819, 820, 821, 826.
- 4.10 Repair/resurfacing of 4.9 only extant on the northern camber of 4.9. Consists of small to medium waterworn chert in a matrix of sand. Contains contexts: 822, 825.
- 4.11 Repair/resurfacing of 4.10 only extant, like 41.0, on the northern camber of 4.9. Consists of small compacted waterworn stones. Contains contexts: 823, 824.
- 4.12 Make-ups and well-worn compacted surface of primary build of Roman road. Consists of small to medium waterworn stones in a clay matrix. The primary makeup 745 has been laid on a raised area of 514, making use of this natural rise to create an agger for the roadway. Contains contexts: 745-7.
- 4.13 Resurfacing make-up on the north end of exposed 4.12 consisting of very fine metalling. The full extent northwards was not fully excavated. Contains contexts: 748, 749.
- 4.14 Cut make-up and surface of repair to 4.12. Repair infills a worn pit in the surface of 4.12. repair consists of coarse sand clay with a compacted surface. Contains contexts: 742, 739, 931.
- 4.15 Roman road primary make-ups and surface, comprising abundant small to large waterworn stones and pea-grit in a sandy clay matrix. Contains contexts: 648, 649, 652, 665, 666, 891, 952.
- 4.16 Alluvial sandy make-up on the northern camber of primary road make-up and surface 4.5. Contains context: 861.

Group 5

This group concerns the repair of the Roman road due to crosion through the meandering of the River Yarty. All the erosion has taken place on the northern camber of the road, suggesting that the road acted as a barrier preventing the river to some extent from meandering further south across the road. Contains sub-groups 5.1-5.4.

- 5.1 Cut caused by watercourse eroding the northern camber of surface 4.4. The cut contains two phases of repairs and surfaces 5.2 and 5.3. Contains context: 965.
- 5.2 Initial phase of repair and surface to eroded north camber of 4.4 by watercourse 5.1. Contains contexts: 628, 629, 648, 639, 958.
- 5.3 Secondary repair and surface to eroded northern camber of 4.4. Contains contexts: 627, 640, 960.
- 5.4 Watercourse cut, fill and repair to eroded northern camber of 4.6. Contains contexts: 601, 598, 611, 962, 959

Group 6

This group concrns the soils developing during and after the construction of the Roman road. Group 6.1 soils generally seal the road. Group 6.2 lay alongside the road, respecting it, and may be contemporary Roman soils. Contains subgroups 6.1, 6.2.

- 6.1 Post-Roman alluvial soils ranging from coarse sandy fine gravels to silty clays, all laid down after construction of the Roman road. Contains contexts: 948, 947, 528, 527, 529, 530, 531, 534, 532, 535, 544, 524, 536, 525, 877, 537, 545, 869, 572, 641, 713, 724, 636, 827, 830, 646, 647, 653, 961, 587, 592, 590, 946, 612, 691.
- 6.2 Possible contemporary Roman alluvial soil developed during the life of the road. This context is darker than the associated alluvial soils 713, 724. Contains contexts: 710, 559.

Group 7

This group concerns the contexts that represent a post-Roman road watercourse fill and one sealed by group 6, post-Roman alluvial soils. Contains contexts: 711, 712.

Group 8

This group concerns the dump of medium to large waterworn stones to the west of and predating the construction of the medieval hedgebank 10.1. Contains context: 765.

Group 9

This group concerns the silted fills of a known course of the River Yarty shown on a late 18th-century map of Yarty Bridge. Contains sub-groups 9.1-9.3.

- 9.1 A group of contexts representing the fills of a known channel of the River Yarty in the 18th century. Contains contexts: 583, 585, 613, 614, 872, 816, 815, 592, 595, 593, 852, 837, 838, 839, 840, 841, 844, 512, 934, 935, 936, 967, 913, 918, 945, 590, 592, 587.
- 9.2 A group of contexts infilling silted channels of the River Yarty west of 25.2 and east of the present day River Yarty. Contains contexts: 707, 708, 709, 704, 703.
- 9.3 A group of watercourse fills that have been deposited in a bank and may have formed the northern bank of the 18th-century River Yarty's course, exposed in section 16, trench 3. Contains contexts: 842, 843.

Group 10

This group concerns a group of contexts that represent alluvial soil deposition post-dating the abandonment of the 19th-century causeway road, group 14, which partially they scal. Contains contexts: 503, 801, 574, 576, 578, 584, 575.

Group 11

This group concerns a series of post-Roman soils. Sub-group 11.1 scals the Roman road and predates the post-medieval roads, while 11.3 seals the post-medieval road. Contains sub-groups 11.1-11.3.

- 11.1 Post-Roman alluvial soil development; also predates the post-medieval roads. Contains contexts: 504, 752, 911, 917, 916, 915, 912, 847, 876, 898, 899, 902, 906, 903, 946, 853, 560, 577, 726, 812, 561, 845, 846.
- 11.2 A scries of alluvial soils laid down between watercourses 8.1 and 16.1, a bifurcation of the River Yarty. Contains contexts: 1000, 511, 510, 515, 507, 509, 523, 513, 508, 506, 519.
- 11.3 A group of alluvial soils sealing the post-medieval road 13.2 and 13.3. Contains contexts: 604, 608, 609, 684.

Group 12

This group concerns the present day topsoil and lenses of sand representing periods of inundation by the River Yarty.

- 12.1 Topsoil derived from 504. Contains context: 501 and sandy lens 942.
- 12.2 Lens of sand dividing 501 from 503, representing a period of inundation depositing this lens. Contains context: 943.
- 12.3 Topsoil separated by 12.5 from the bulk of the topsoil. Contains context: 878.
- 12.4 Lens of sand dividing 874 from 501. Contains context: 502.

Group 13

This group concerns the construction of the first post-medieval road, just to the north of the Roman road. This group also includes repairs and resurfacing of this road, and also the associated ditch on its southern flank, Contains subgroups 13.1-13.5.

- 13.1 Primary build and surface of post-medieval road. Consists of waterworn medium-sized stones within a sandy clay matrix. Contains contexts: 606, 778.
- 13.2 Resurfacing of 13.1 consisting of small to medium waterworn stones in a clay matrix. Contains contexts: 605, 951.
- 13.3 Resurfacing/repair to 13.2 on its northern camber. Similar constituents to 13.2. Contains contexts: 964, 607
- 13.4 Primary build and surface of post-medieval road, consisting of compacted gravel up to 0.15m in diameter in a matrix of sand and clay. Contains contexts: 658, 953, 680, 681.

13.5 Cut and fills of roadside ditch associated with 13.4, silted up during the life of the road. Also includes upcast from ditch cut. Contains contexts: 661, 657, 656, 674, 679, 676, 653.

Group 14

This group concerns the make-up for the 19th-century causeway road, the associated wall built along its northern side, and the ditch along its southern camber. Contains subgroups 14.1-14.6.

- 14.1 Make-up for 19th-century causeway road, consisting of a silty clay matrix around gravel. This make-up to the east becomes massive layers of sandy clay and abundant waterworn medium stones. No surface has survived over the make-up. Contains contexts: 610, 659, 668, 683.
- 14.2 Cut and build of the wall, also the make-up for 18th-century causeway road. This consists of the cut and build of the southern wall of the causeway road and the make-ups north of the wall which raise the level of the road. No surface remains of this road. Contains contexts: 969, 874, 873, 586.
- 14.3 Cut and fill of roadside ditch associated with 14.1. Contains contexts: 662, 654, 888, 678, 677, 886, 887.
- 14.4 Upcast from 14.3 that has slumped into the depression over the fills of 14.3. Contains context: 883.
- 14.5 Fill of depression over 14.4. Contains context: 655.
- 14.6 Material washed off the northern part of the road 14.1 during its life and accumulated in the hollow over the southern part of the road. Consists of layers of very fine sand with occasional small waterworn stones. Contains context: 660.

Group 15

Layer of dumped silty loam sealing water course fill 520. This dump has probably originated from canalization of the present day Yarty. Contains context: 505.

Group 10

Silting of the western bank of the modern River Yarty; sealed by modern upcast 15.1 from the deepening of the river. Contains context: 520.

Group 17

Compacted surface of the gravel bed 1.1. The height of the underlying gravel has allowed its use as a surface in this area. To the west and cast the surface has been cut away by later watercourses as the Yarty meanders back and forth in this area. There is no evidence of a make-up for this surface, rather it has been created by compaction through use. Contains context: 908,

Group 18

This group concerns the post Roman watercourse which cuts across the Roman road and across the surface in Group 17. Contains sub-groups 18.1-18.3.

18.1 Cut and fills of post-Roman watercourse. This watercourse cuts across the western extremity of surface 17.1. Contains contexts: 904, 907, 968, 905.

- 18.2 Cut and fills of post-Roman watercourse. This cuts across the eastern extremity of the Roman road west of the Yarty. Contains contexts: 538, 939, 940, 941, 966.
- 18.3 Cut and fill of post-Roman watercourse that cuts the northern extremity of 636. The fills of this watercourse are built upon by 13.1, a post-medieval road. Contains contexts: 603, 602, 983.

Group 19

Build and surface of cobbled path built over the post-medieval road, group 13. This path post-dates the construction of the road but was used contemporaneously with the road. Contains contexts: 814, 957, 884, 803, 885, 804, 954.

Group 20

A pit cut through the north edge of Group 21; function unknown. Contains contexts: 697, 696, 698.

Group 21

Possible medieval buried soil sealed beneath hedgebank 25.1 and extending east and westward, sealed and preserved by deep alluvial deposits. Contains contexts: 725, 714, 758.

Group 22

This group concerns the construction of the hedgebank cut across by section 5. Contains sub-groups 22.1-22.2.

- 22.1 Cut for ditch and upcast build of hedgebank on the east of the River Yarty; this group also contains the ditch fills. This hedgebank construction partially seals buried soil 24.1, and is of probable medieval origin. Contains contexts: 751, 750, 776, 775, 771, 740, 741, 767
- 22.2 Recut for eastern ditch of hedgebank 25.1. Contains context: 777.

Group 23

Dump infilling a hollow over a silted course of the River Yarty which is now used as a drainage ditch. Contains context: 753.

Group 24

Alluvial soils laid down in an area where the Roman road has been washed away by a later river, though earlier than the post-medieval period. Contains contexts: 926-8, 901, 591.

Group 25

This group concerns the ditch dug parallel to the hedgebank in Group 29 predating it. Contains sub-groups 25.1-25.2.

- 25.1 Cut, upcast and fill of a post-Roman, pre-medieval ditch probably a drainage ditch. It cuts through group 6 and is scaled by group 24, the medieval buried soil. Contains contexts: 733, 737, 738, 735, 736, 760, 756.
- 25.2 Upcast from ditch cut 25.1. Contains contexts: 756, 738, 737.

Group 26

This group concerns the revetment of a post-medieval course of the River Yarty. Contains sub-groups 26.1-26.2.

- 26.1 Stakes with mixed packing material revetting the south bank of the post-medieval river channel 8.1. Contains contexts: 932, 933.
- 26.2 Cut and build of stone-built revetting wall/bank associated with the 18th/19th-century. The wall/bank is constructed on gravel foundations. Contains contexts: 834-6.

Group 27

Two isolated dumps of stones over the silted fills of the postmedieval course of the River Yarty, 9.1. Contains contexts: 581-582

Group 28

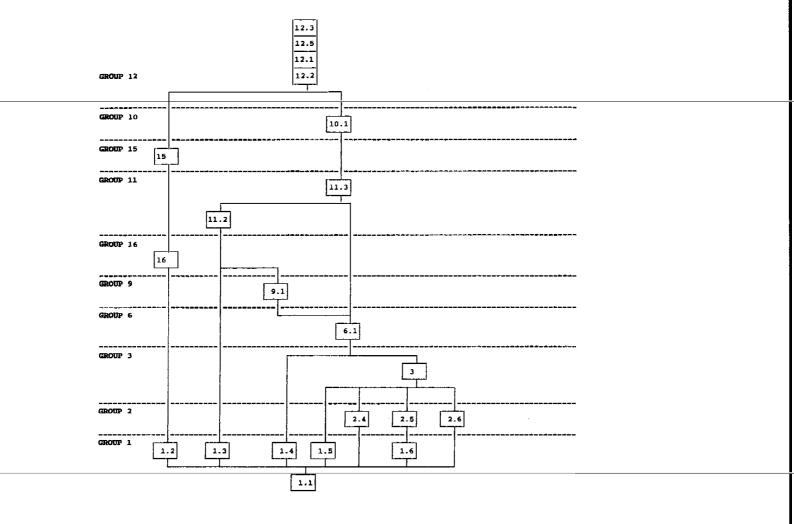
Pit cut and fill east of hedgebank build 22.1. Contains contexts: 717, 718, 721, 723.

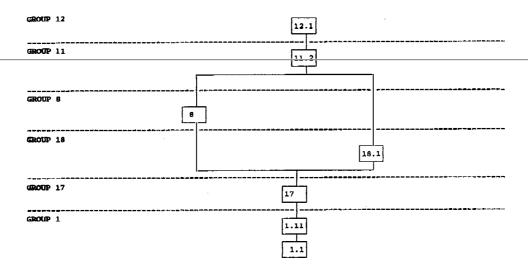
Group 29

This group concerns the truncated medieval(?) hedgebank constructed running east-west on the same alignment as the Roman road. Contains sub-groups 29.1-29.2.

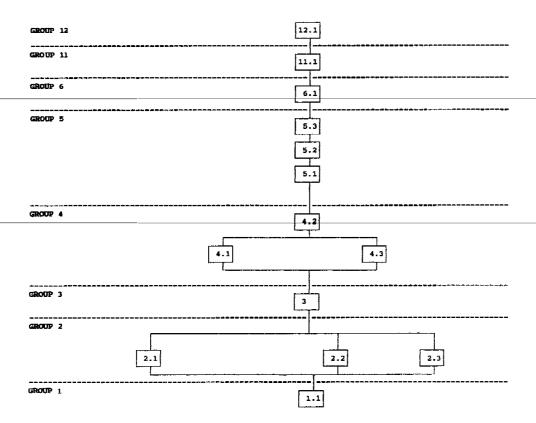
- 29.1 This sub-group concerns truncated remains of hedgebank core running east-west on the same alignment and over the Roman road 4.12. Contains context: 755.
- 29.2 This sub-group concerns the ditch for the hedgebank in sub-group 29.1. Contains contexts: 767, 770, 762, 741, 740.

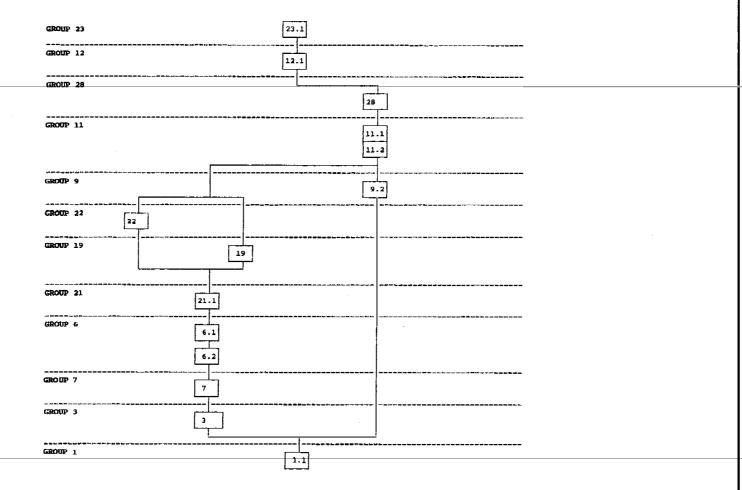
Group/Sub-Group Matrix 1 Section 1



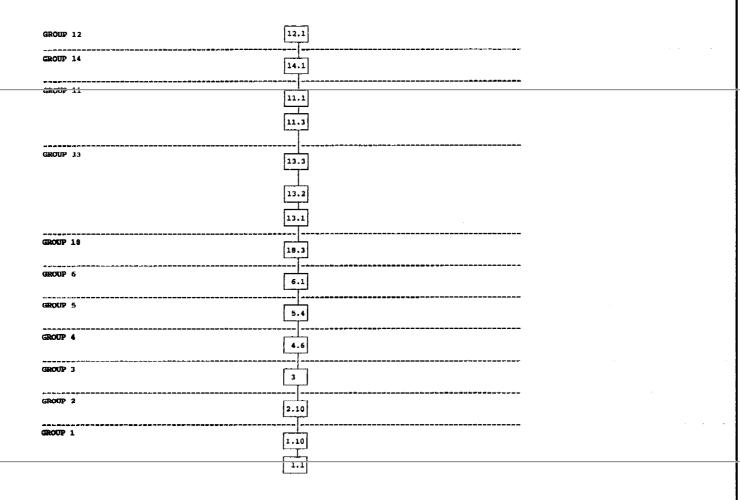


Group/Sub-Group Matrix 3 Section 4

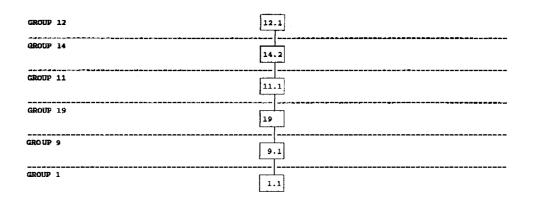


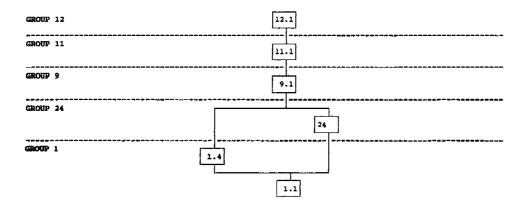


Group/Sub-Group Matrix 5 Section 6 & 7

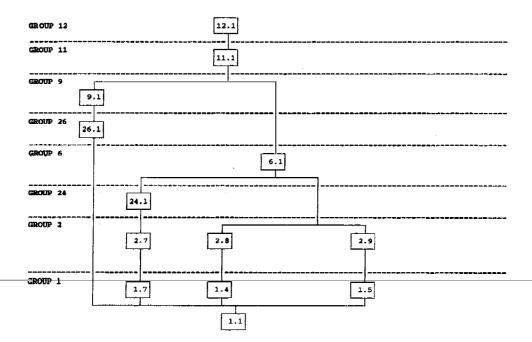


Group/Sub-Group Matrix 6 Section 8

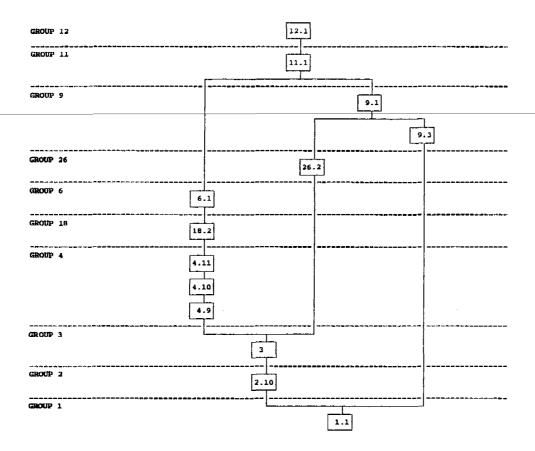




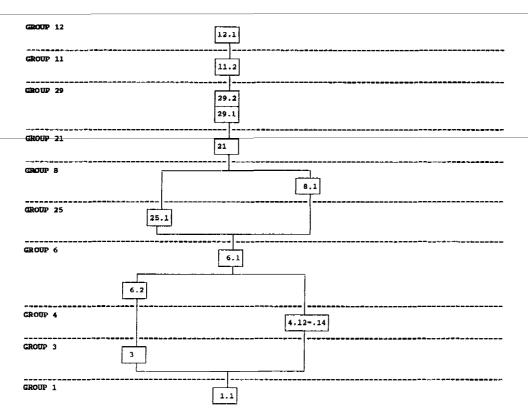
Group/Sub-Group Matrix 8 Section 10

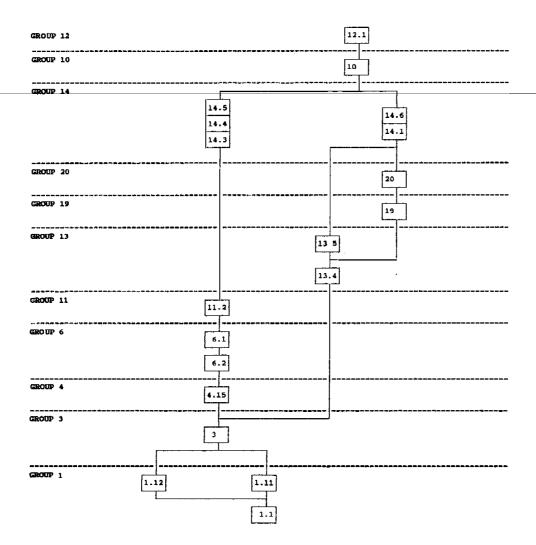


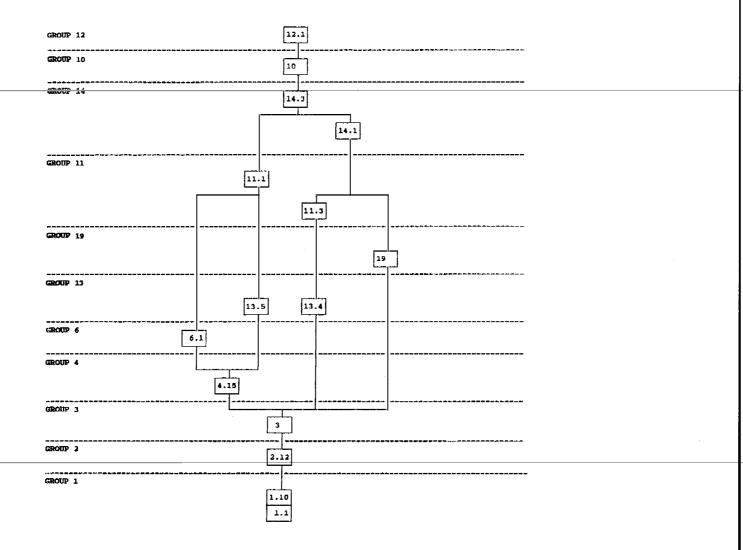
Group/Sub-Group Matrix 9 Sections 11, 16 & 17

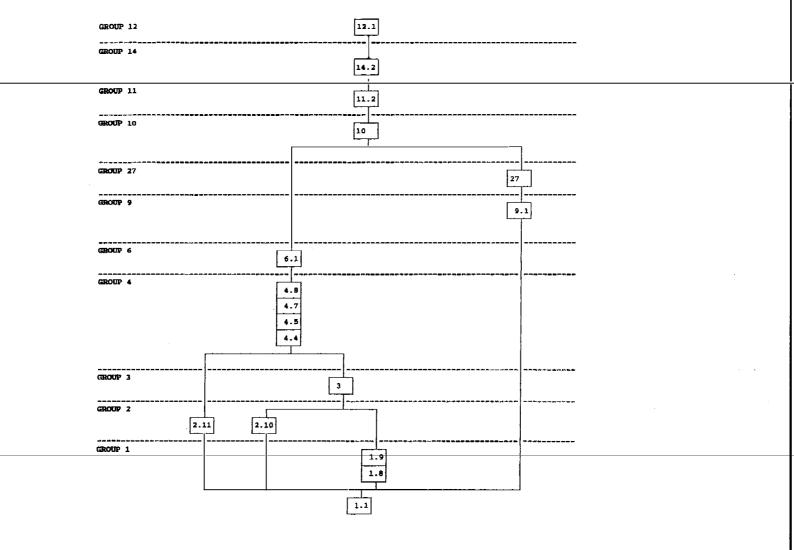


Group/Sub/Group Matrix 10 Section 13

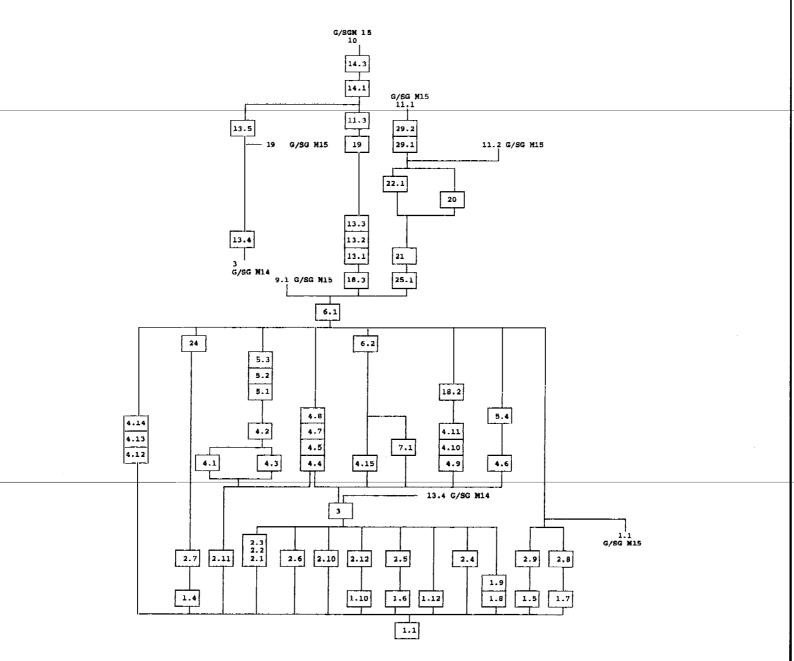


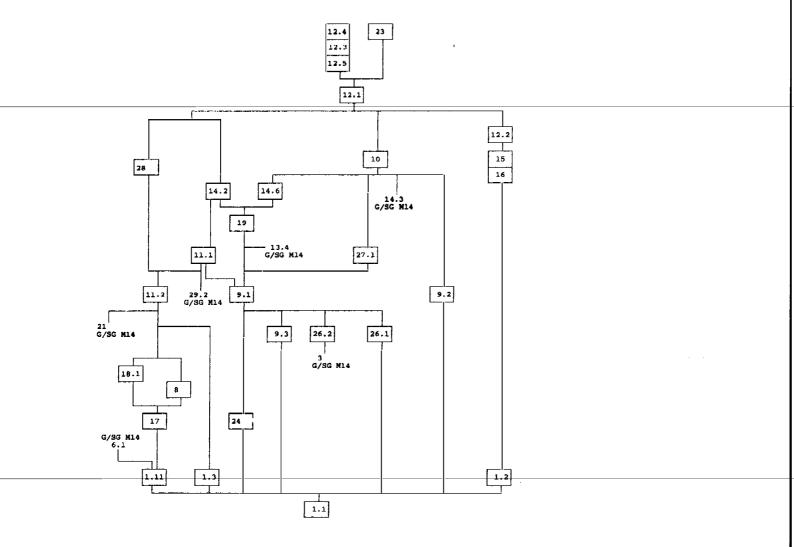






Site Group/Sub-Group Matrix 14





GROUP MATRIX INDEX

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Contex		Matrix	Context	Grou p	Matrix	Context	Group	Matrix
01	12.1	1-13	575	10.1	1.3	647	6.1	11
02	12.4	1	576	10.1	13	648	4.15	11,5
03	10.1	1	577	11.1	13	649	4.15	11
04	11.2	1-13	578	10.1	13	651	1.12	11
05	15.1	1	579	1.8	13	652	4.15	11,12
06	11.2	1	581	27.1	13	653	6.1	11
								11
07	11.2	1	582	27.1	13	654	14.3	
08	11.2	1	583	9.1	13	655	14.5	11
09	11.2	1	584	10.1	13	656	13.5	11
510	11.2	1	585	9.1	13	657	13.5	11
511	11.2	1	586	14.2	13,6	658	13.4	11
512	9.1	1	587	6.1	7	659	14.1	11
513	11.2	ì	589	1.4	7	660	14.6	11
514	1.l	1-13	590	9.1	7	661	13.5	13.5 11,12
					13	662	14.3	11,12
515	11.2	1-13	591 500	24.1				
516	11.2	1	592	9.1	5	665	4.15	12
517	11.2)as 1000	593	9.1	7	666	4.15	12
518	11.2)on M1	594	9.1	7	667	3.1	12
519	11.2	1	595	9.1	7	668	14.1	12
520	16.1	1	597	2.10	5	670	3.1	12
521	1.2	1	598	5.4	5	671	3.1	12
522	1.3	1	601	5.4	5	674	13.5	12
523	11.2	i	602	18.2	5	675	2.12	12
			603		5	675	13.5	12
524	6.1	8,9,1		18.3				12
525	6.1	7,1	604	11.4	5	677	14.3	
526	1.4	7,8	605	13.2	5	678	14.3	12
527	6.1	1	606	13.1	5	679	13.5	12
528	6.1	1	607		5	680	13.4	12
529	6.1	1	608	11.4	5	681	13.4	12
530	6.1	1	609	11.9	5,6	683	14.1	12
531	6.1	8,9,1,11	610	14.1	5	684	11.3	12
532	6.1	1,9	611	5.4	5	685	3.1	12
533	3.1	1,9	612	6.1	13	687	3.1	12
534	6.1	1	613	9.1	13	691	6.1	12
								12
535	6.1	1	614	9.1	13	692	3.1	
536	6.1	1	615	2.1	3	693	3.1	12
537	6.1	1,3	616	4.1	3	694	3.1	12
538	3.1	1	617	2.1	3	695	3.1	12
539	3.1	i	618	3.1	3	696	20.1	11
540	3.1	1	619	2.1	3	697	20.1	11
541	3.1	1	620	2.1	3	69 8	20.1	11
542	6.1	1	621	2.1	3	700	11.1	4
543	6.1	1	622	2.1	3	701	11.1	4
544	6.1	5,13,1	623	2.1	3	702	11.1	4
545		3,13,1	624	2.1		702	9.2	4
	6.1	1						•
546	3.1	1	625	2.1	3	704 705	9.2	4
547	1.6	1	627	5.3	3	705	11.1	4
548	2.4	1	628	5.2	3	706	11.1	4
549	2.5	1	629	5.2	3	7 07	9.2	4
550	3.1	1	631	2.2	3	708	9.2	4
551	2.5	1	632	2.3	3	709	9.2	4
552	3.1	1,11	633	3.1	3	710	6.2	4,10
553	3.1	1	634	4.3	3	711	7.1	4
554	2.5	1	635	3.1	3	712	7.1	4
555	2.5	1	636	6.1	5	713	6.1	4,10
556	3.1	1	637	3.1	5	714	21.1	4
449	6.2	1,11	638	4.6	5	715	3.1	4,10
561	11.1	9	639	5.2	3	716	3.1	4
564	3.1	7,9,13,3	640	5.3	3	717	28.1	4
565	3.1	5,9,13	641	6.1	3	718	28.1	4
566	2.10	5,9,13	642	11.1	3	719	3.1	4
572	6.1	13	643	3.1	11	720	3.1	4
573	1.9	13	644	1.11	11	721	28.1	4
				6.1		722	∠ ()• I	4
574	10.1	13	646	V.1	11	122		4

Context	Group	Matrix	Context	Group -	Matrix	Context	Group	Matrix
723	28.1	4	840	9.1	9	922	1.5	8
724	6.1	4	841	9.1	9	923	2.9	8
725	21.1	4,10	842	9.3	9	924	2.9	8
726	11.1	4	843	9.3	9	925	2.7	8
731	21.1	10	844	9.1	9	926	24.1	8
733	25.1	10	845	11.1	9	927	24.1	8
734	22.1	10	846	11.1	9	928	24.1	8
735	25.1	10	848	11.1	9	929	1.7	8
	25.1	10	852	9.1	9.	930	13.2	8
736					2	931	4.14	8
737	25.1	10	853	11.1 2.11		932	26.1	8
738	25.2	10	855		13	933	26.1	8
739	4.14	10	856	4.4	13	934		8
740	22.1	10	857	4.4	13		9.1	
741	22.1	10	858	4.4	13	935	9.1	8
742	4.14	10	859	4.5	13	936	9.1	8
745	4.12	10	860	4.5	13	937	3.1	9
746	4.12	10	861	4.16	13	938	18.2	9
747	4.12	10	862	4.7	13	939	18.2	9
748	4.13	10	863	4.7	13	940	18.2	9
749	4.13	10	8 6 4	4.7	13	941	18.2	9
750	21.1	4	865	4.8	13	942	12.1	9
751	21.1	4	866	4.5	13	943	12.2	1
752	11.1	4	867	4.6	13	944	1.5	1
753	23.1	4	868	4.8	13	945	9.1	1
755	22.1	10	869	6.1	13	946	11.1	3
756	25.2	10	870	3.1	13	947	6.1	1
758	6.1	10	871	3.1	13	948	6.1	1
760	25.1	10	872	9.1	13	949	generic for Gp	0 4
765	8.1	10	873	14.2	13	950	- do -	
767	22.1	10	874	14.2	13	951		5
770	29.1	10	876	11.2	9	952	4.15	12
771	21.1	10	8 7 7	6.1	1	953	13.4	12
775	22.1	4	878	12.3	1,12	954	19.1	12
776	22.1	4	879	3.1	1	955	4.6	5
777	22.2	4	880	3.1	1	956	4.2	3
778	13.1	5	883	14.4	11	957	19.1	6
800	3.1	11	884	19.1	11	958	5.2	3
801	10.1	11	885	19.1	12	959	5.4	5
803	19.1	11	886	14.3	12	960	5.3	3
	19.1	11,12	887	14.3	12	961		10
812	11.1	6	888	14.3	12	962		5
814	19.1	6	891	4.15	12	963		13
815	9.1	6	892	4.15	12	964	13.3	5
816	9.1	6	893	1.10		965	5.1	3
817	4.9	9	897	4.2		966	18.2	9
	4.9	9	898	11.2	2,7	967	9.1	2
	4.9	9	899	11.1		968	18.1	2
820	4.9	9	900	1.4		969		13
	4.9	9	901	24.1			11.2	1
	4.10	9	902	11.1	2	1000	11.2	•
	4.11	9	903	11.1	2			
	4.11	9	904	18.1	2			
	4.10	9	905	18.1	2			
	4.9	9	906	11.1	2			
	6.1	9	907	18.1	2			
	3.1	9		17.1				
					2			
	6.1	9	911	11.1	2			
	3.1	9		11.1	2			
	3.1	9		9.1	2			
	3.1	9		1.11	2			
	26.2	9		11.1	2			
	26.2			11.1	2			
	26.2	9		11.1	2			
	9.1	9		9.1	2			
	9.1			2.8	8			
	9.1	9	921	2.8	8			

List o	of abbreviations for context descriptions of = Wth; Height = H; Depth = D	517	Alluvial clay deposit overlying silt and medieval Yarty channel 512. Greyish brown 10YR 5/2 sandy, silty clay, plastic, slightly friable; occasional medium and small waterworn pebbles.
501	Topsoil/turf layer overlying a flood deposit, 502. Dark reddish-brown 5YR 3/2, fine, sandy, silty loam. Friable, few small waterworn stones and grit,	518	Lens within 517. Strong brown 7.5YR 5/8, coarse sandy silt, friable, slightly plastic.
	abundant fine and small roots.	519	Alluvial deposit. Dark brown 7.5YR 3/4, fine, sandy, silty loam; friable, slightly blocky, stoneless, rootless.
502	Layer of coarse waterworn sand representing a flooding episode and deposition on the west of the Yarty River, comparable with 701 on the east bank. Alluvial topsoil at west end of Trench 1. Dark	520	Silted river fill - part of a wider River Yarty channel to the west of the present day river. Very dark grey-black 7.5YR 5/0 silt, plastic, slightly sticky, stoneless, rootless.
500	reddish-brown 5YR 3/2, fine, sandy, silty loam; friable, occ small waterworn stones, abundant fine	521	River gravels overlying 514.
50 4	roots.	522	Alluvial sandy gravel deposit overlying 514.
504	Major alluvial deposit that overlies the entire site, the product of successive flooding of the Yarty. Brown/dark brown 7.5YR 4/4, fine, sandy silt,	523	Lens of sand gravel.
505	stoneless and rootless.	524	Alluvial soil layer very similar to 877. Brown/dark brown 7.5YR 4/4, fine, sandy silt, friable, stoneless.
505	Upcast on west bank of Yarty from canalisation. Dark brown 7.5YR 3/2, silty loam, friable, slightly blocky, stoneless.	525	heavy manganese straining in areas. Alluvium. Grey; 10% fine, sandy clay, 10% coarse gravel, plastic, slightly friable.
506	Alluvial soil deposit. Dark yellowish brown, 10YR 4/4, fine, sandy silt, friable, stoneless, rootless, stained with manganese and iron.	526	Gravel bank overlying 514.
507	Alluvial sand deposit. Brown/dark brown 7.5YR 4/4,	527	Lens of alluvium. Brown/dark brown 7/5YR 4/4, coarse sandy, silty clay, friable, stoneless and rootless.
508	silty sand, friable, rootless, stoneless. Alluvial sand deposit. Strong brown 7.5YR 5/8, silty	528	Lens of alluvium. Brown/dark brown, 7/5YR 4/4, sand, friable, stoneless, rootless.
	sand, stoneless and rootless.	529	Alluvium. Brown/dark brown 7.5YR 4/4, coarse sand,
509	Alluvial deposit. Dark grey 10YR 4/1, sandy clay, plastic, stoneless, rootless.		friable, stoneless, rootless.
510	Alluvial deposit. Strong brown 7.5YR 5/8, fine, sandy silt, friable, rootless and stoneless.	530	Alluvium. Grey fine sandy clay, occasional small waterworn stones.
511	Alluvial sand deposit. Very dark greyish brown 2.5YR 3/2, silty sand, friable, slightly plastic,	531	Alluvium. Grey coarse, sandy clay, plastic, clean, fine, few small waterworn stones.
	stoneless. Iron staining 10%.	532	Alluvium. Light brownish grey 10YR 6/2, clay, blocky, stoneless, very occasional charcoal flecks.
512	Fill of river channel, post-medieval River Yarty. Sealed by late alluvium 505. Very dark grey, 7.5YR 3/0, silty clay, plastic, stoneless; contains waterlogged turfs and wood fragments.	533	Gravel deposit, very similar to 526 but smaller diameter gravels. Light grey.
513	Sandy alluvium. Brown/dark brown, silty sand, friable and stoneless.	534	Part of 877 but with heavier manganese and iron staining. Strong brown 7.5YR 5/8 coarse sand and fine gravel.
514	Gravel bed overlying the entire site, representing the post-glacial Yarty river bed/floodplain. Formed from waterworn gravel and boulders up to 0.4m in diameter	535	Alluvial deposit. Strong brown 7.5YR 5/8 coarse sands, friable, occasional small waterworn gravels.
	with a matrix of grey clay. Average gravel size is 0.1 m.	536	Alluvial sand deposit. Grey, sandy clay with occasional charcoal flecks.
515	Alluvial sand and small waterworn pebble deposit similar to 519.	537	Alluvium the same as 524 but with heavier manganese staining.
516	Alluvial sand deposit. Strong brown 7.5YR 5/8, coarse sand and silt.	538	Alluvial clay. Dark grey 7.5YR 4/0, fine sandy clay, plastic, rare small waterworn stones.

50	O Nome and a United States Among Language 7 EVD 5/0 and a		and standars
53	9 Very mixed alluvium. Strong brown 7.5YR-5/8, sandy clay and gravel mix, friable.	565	Alluvial grey clay, plastic consistency.
54	O Sand and gravel deposit; appears very mixed. Abundant small and medium waterworn stones.	566	Primary fill of pre-Roman watercourse beneath
54	1 Alluvium. Dark grey, fine sandy clay, stoneless; heavily stained by manganese.	572	Roman road, exposed in Trench 6. Initial silting against northern side of camber of
54		372	Roman road in Trench 5.
	stoneless, some manganese and iron staining.	573	Sand alluvial deposit associated with underlying gravel bed 514. Strong brown 7.5YR 5/8, coarse sand,
54			friable and rootless.
54	staining.	574	Alluvial deposit north of Roman road in Trench 5. Strong brown 7.5YR 5/8, fine sandy clay, friable, slightly blocky, occasional small waterworn stones.
54	5 Alluvium, similar to 542. Yellowish brown 10YR 5/6, fine sandy clay, compact, with lenses of small to medium waterworn stones, some manganese staining.	575	Alluvial deposit. Yellowish brown 10YR 5/4, fine sandy clay, friable, stoneless.
54	6 Alluvium. Grey clay, stoness and rootless.	576	Gravel lens between contexts 504 and 612.
54	7 Gravel bank overlying 514. Coarse sandy matrix around small waterworn stones.	577	Sand lens within 504. Probably representing a heavy flooding phase during the deposition of 504.
54	8 Fill of silted river channel. Black silt, sticky, stoneless.	578	Gravel lens associated with 574 except with a higher concentration of small waterworn stones.
54	9 Alluvium. Grey sandy clay, plastic, stoneless.	579	Alluvial clay deposit associated with 514. Strong brown 7.5YR 5/8 sandy clay.
55	 Alluvium. Greyish brown, clayey sand, friable and stoneless. 	581	Dump of angular stones up to 0.3m diameter, present on west side of Trench 5; not present on the east side.
55	sand, friable, stoneless.		Dumped directly onto watercourse fill 583; function unknown. Associated with similar dump 582, some 2m to the north. H = 0.4m; Wth = 1.5m.
55	2 Alluvium. Brown sandy clayey silt, friable, stoneless.		
55	Fill of depression in 514. Brownish grey sandy clay, friable, slightly plastic.	582	Dump similar to 581 comprised of angular stones between $0.1m$ and $0.3m$ in diameter. $H = 0.3m$; Wth = $1.5m$.
55	4 Fill of depression 514. Black sandy silt, friable, slightly plastic, high organic content.	583	Fill of 18th-century watercourse. Black silt, plastic and stoneless.
55.	Alluvium. Grey, coarse sandy gravels, abundant small waterworn stones.	584	Alluvial soil depesit. Brownish grey 10YR 5/2, fine sandy silt, friable, slightly plastic, stoneless, rootless.
550	6 Alluvium, possibly laid down at some time and as part of 564. Brown sandy clay, friable, slightly plastic, stoneless.	585	Alluvial deposit. Yellowish brown 10YR 5/4, frequent small to medium waterworn stones.
559	Alluvial soil contemporary with use of Roman road. Pale brown sandy clay, friable, occasional small waterworn stones and pebbles.	586	18th-century causeway wall built of large ashlar stone blocks 0-2-0.4m, well-faced on the south face. The top has been removed and evidence of concreting exposed. The construction cut (969) for the wall cuts from the top of 504. To the north are the make-up
567	Alluvium deposited in hollow after silting of post- medieval river channel. Also laps onto north camber of Roman road (560) which must have been exposed		layers (873, 874) for the road surface. Wth = $2m$; H = $1.2m$.
	by erosion of overlying deposits by the post-medieval river.	587	Alluvial sands and gravel layer. Greyish brown 10YR 5/2 clayey gravelly sand.
564	Pre-Roman alluvial soil. Roman road built on top of this context suggesting it formed a pre-Roman land surface. This context covers most of the site in the	589	Gravel lens, greyish brown 10YR 5/2 abundant small waterworn stones and sand.
	western Yarty floodplain. Strong brown 7.5YR 5/8, with 10% grey mottles, clay, blocky, slightly plastic	590	Alluvium. Strong brown 7.5YR 5/8 fine sandy clay, plastic, occasional charcoal flecks.

- 591 Watercourse fill. Grey, fine and coarse sandy clay, plastic. Occasional small waterworn pebbles and charcoal flecks.
- 592 Alluvial deposit associated with the post-medieval river course. Brown 10YR 5/3, sandy clay, friable, slightly blocky.
- 593 Fill of post-medieval river course. Grey, clayey silt, plastic, stoneless, high organic content.
- 594 Primary fill of post-medieval watercourse. Dark grey silt, plastic, stoneless, high organic content.
- 595 Gravel bank overlying 594, heavily iron-stained.
- 597 Alluvial fill of watercourse. Grey clayey silt, plastic, stoneless, high organic content.
- 598 Repair to Roman road make-up on the north edge of the road in Trench 6. Strong brown 75.YR 5/8 coarse sand, friable with frequent medium-sized waterworn stones. Le = 5.5m; D = 0.4m.
- Roman road repair infilling a depression on the north camber. Probably associated with 598 as a phase of repair to the road. Strong brown 7.5YR 5/8 coarse sand, some clay lenses, friable, abundant small to medium waterworn stones. Le = 2m; D = 0.2m.
- 602 Primary silting of post-medieval stream. Dark grey silty clay, plastic, stoneless, rootless, high organic content.
- 603 Secondary silting of stream, associated with 602. Grey, silty clay, plastic, slightly sticky, occasional medium-sized waterworn pebbles.
- 604 Alluvial deposit overlying medieval road surface 605. Grey, iron-stained mottles, friable, sandy silt; stoneless.
- 605 Make-up for surface 931 a post-medieval road. Light grey clay with abundant small-medium waterworn stones. Le = 13.5m; D = 0.1m.
- Primary make-up for post-medieval road laid over gravels 514 and over river siltings 602 and 603.

 Strong brown 7.5YR 5/8 coarse sandy clay matrix around abundant waterworn medium-sized stones.

 Wth = 11m; D = 0.1m.
- 607 Repair to post-medieval road on its northern camber.

 Light grey sandy silt matrix, friable, abundant small and medium waterworn stones. Le = 5.5m; D = 0.15m.
- 608 Alluvium overlying post-medieval road; sandy silt.
- 609 Alluvial soil overlying post-medieval road. Greyish brown 10YR 5/2, fine sandy clay, friable, blocky, stoneless.
- 610 Gravelly dump representing the edge of the causeway road make-up 659. Dark reddish-brown 5YR 5/2, silty clay, abundant gravel.

- Alluvium post-dating Roman road construction. Infills area on the north of camber of Roman road where the road has been eroded away by stream/river action. This context is itself eroded away from the north by a later river course, 602, 603. Brownish-grey 10YR 5/2 fine sandy silt, blocky, stoneless.
- 612 Alluvium, pessible brown soil horizon. Grey silty clay, friable, slightly sticky, stoneless, occasional fine intrusive roots, heavily iron-stained,
- 613 Secondary fill of post-medieval watercourse. Dark grey clay, friable, slightly plastic, stoneless.
- 614 Primary fill of post-medieval watercourse. Dark grey 10YR 5/1 clay, some silt, plastic, stoneless, high organic content.
- 615 Fill of watercourse pre-dating Roman road construction. The primary road make-up, 616, is built upon this context at its southern extreme. Black sandy silt, plastic, stoneless.
- 616 Primary make-up for Roman road in Trench 4, constructed directly over a silted river channel. Greyish brown 10YR 5/2, sandy clay, compact, with abundant small to medium waterworn stones up to 0.10m in diameter. Wth = 6m; D = 0.1m.
- 617 Alluvium pre-Roman river silting. Grey fine and coarse sand, friable, stoneless, rootless.
- 618 Pre-Roman alluvial soil. Strong brown 7.5YR 5/8, clayey sand, friable; occasional small waterworn stones.
- 619 Pre-Roman watercourse fill. Grey sandy silt, friable, slightly plastic, stoneless.
- 620 Pre-Roman watercourse fill. Grey sand, friable, rootless and stoneless.
- 621 Pre-Roman watercourse fill upon which primary build of Roman road was built. Strong brown 7.5YR 5/8 sand, friable, stoneless, rootless.
- 622 Pre-Roman watercourse fill. Strong brown 7.5YR 5/8 silty sand, friable, stoneless.
- 623 Pre-Roman alluvial deposit. Brown/dark brown 10YR
 4/3 fine sandy silt, frequent medium waterworn
- 624 Pre-Roman alluvial deposit. Grey/dark brown mottles, 10% fine sandy clay, friable, slightly plastic.
- 625 Pre-Roman alluvial deposit upon which the Roman road is partially built. Strong brown 7.5YR 5/8 silty, coarse sand, friable, few small waterworn stones.
- 627 Repair to hollow eroded in Roman road; grey silty clay, some coarse sand, friable, slightly blocky.
- 628 Dump infilling hollow and levelling for Roman road construction. Brown sandy clay, abundant small and medium waterworn stones.

- 629 Lens of sand overlying 628.
- 631 Alluvium. Grey silty clay, plastic, high organic content.
- 632 Watercourse fill in depression in 514. Grey, dark grey, silty clay, blocky, slightly plastic, stoneless, moderate organic content.
- 633 Alluvium. Greyish brown friable, coarse and fine sand.
- 634 Make-up infilling a depression prior to laying down road make-up 945. Stone and clay mixture.
- 635 Alluvial deposit overlying 514. Brownish grey, coarse sandy clay, blocky, relatively stony.
- 636 Alluvium overlying Roman road surface in Trench 6. Strong brown 7.5YR 5/8, coarse sandy clay, ironstained with occasional charcoal flecks.
- 637 Alluvial deposit underlying Roman road. Dark yellowish brown coarse sandy clay, compact, moderate small to medium waterworn stones, heavily manganese and iron stained.
- 638 Make-up for Roman road surface 955. Comprises small-sized gravel and medium to large waterworn stones in a sandy matrix. Le = 14.5m; D = 0.2m.
- 639 Repair build of the northern side of the Roman road exposed in Section 4. This context is make-up for surface 958. The repair is probably due to the northern edge of road make-up 945 being washed away by river action. Le = 4.5m; D = 0.1m.
- The last repair of the Roman road in Section 4 on the northern camber before the road was covered by alluvial deposits. Grey sandy clay, friable, common small, medium and large waterworn and angular stones. Le= 3.3m; D = 0.05m.
- 641 Alluvium overlying Roman road. Grey with 20% iron-staining, sandy clay, compact and friable.
- 642 Alluvium onto which the Roman road was built.

 Greyish brown 10YR 5/2, silty sandy clay with occasional small waterworn stones.
- 643 Pre-Roman alluvial sands and gravel associated with gravel bank 644.
- 644 Pre-Roman gravel bank overlying 514.
- Alluvial deposit sealing Roman road. Strong brown 7.5YR 5/8 coarse sandy clay, friable, with abundant sands, gravels and frequent small waterworn and subangular stones; some iron staining present.
- 647 Alluvial deposit sealing Roman road. Strong brown 7.YR 5/8 coarse sandy clay. More stony than 646.
- 648 Roman road make-up for surface 955/652 exposed in Sections 7, 14 and 6. Consists of abundant small to large waterworn stones and pea-grit in a sandy clay matrix. Max Wth = 12.7m; D = 0.2m.

- 649 Gravel make-up, part of 648. Strong brown 7.5YR 5/8 fine gravel.
- 651 Gravel bank everlying 514. Built onto by both Roman make-up 652 and by post-medieval road 658. Dirty grey clay matrix around gravels with occasional large waterworn stones, abundant small to medium waterworn stones, and coarse sand.
- 652 Make-up for Roman road in Section 14. Greyish brown 10YR 5/2, dirty, quite mixed clay, frequent small and medium waterworn and angular stones with pockets of gravel; some iron-staining present.
- 653 Alluvium sealing Roman road in Section 14. Pale greyish brown, clayey sand with occasional small waterworn stones.
- 654 Fill of ditch cut 662. Greyish brown 10 YR 5/2 sandy clay, friable, occasional small to large waterworn and sub-angular stones; some iron staining present. Wth = 2m; D = 0.3m.
- 655 Fill of depression over partially filled ditch cut 662. Yellowish brown, sandy clay, friable, very mixed abundant coarse sand, very frequent small-medium stones. Wth = 2.65m; D = 0.25m.
- 656 Fill of ditch cut 661 associated with post-medieval causeway. Grey-brown sandy clay, friable, abundant small and medium waterworn and sub-angular stones. Iron-stained, quite dirty and mixed. Wth = 2.2m; D = 0.25m.
- Primary fill of ditch cut 661 associated with earlier post-medieval make-up and surface 658/953. Dark grey silty clay, sticky, common small-medium waterworn and sub-angular stones.
- Make-up for earliest post-medieval road surface 953.

 Strong brown 7.5YR 5/8, gravel, very compacted with a matrix of sand, clay and stones up to 0.15m in diameter. Wth = 8.8m; D = 0.2m.
- 659 Massive dump of clay and gravel onto disused medieval road 953 to raise the road level exposed in Trench 8. The surface of this make-up has been truncated. This context is equivalent to contexts 683 and 668 in Trench 8 and to 610 in Trench 6. Greyish brown. very sandy clay, friable, compacted, abundant small-large waterworn stones, gravel. Very dirty and mixed
- Material washed off the northern part of the postmedieval road 659 accumulated during the life of the road. Brown, iron-stained, very fine sand with frequent small to medium waterworn stones. Several lenses of coarse sand run through the context.
- Ditch cut associated with earliest post-medieval road make-up and surface 658/953. Contains 656-7, also 674, 679. Wth = 2.2m; D = 0.35m.
- Ditch cut associated with later post-medieval road make-up 659. Contains 654, 886, 887, 677, 678, 888.
 Wth = 2.5m; D = 0.3m.

- 665 Roman road make-up for surface 952 along with 891.

 Grey sandy clay matrix, abundant large-small waterworn stones and pea-grit. Stones up to 0.1m in diameter. Wth = 3.5m; D = 0.2m.
- Infilling of depression in 667. Probable levelling prior to construction of Roman road 891. Greyish brown 10YR 5/2 silty clay, compact; frequent iron staining; abundant large-medium waterworn stones. Wth = 1.9m; D = 0.2m.
- 667 Pre-Roman alluvials. Light grey sandy clay, friable, fairly compact, abundant large-medium waterworn stones.
- Dump make-up for later post-medieval road, along with 683 to raise road level. This dump, with 683, is equivalent to 659 in Section 14. These make-up layers are dumped on top of an earlier post-medieval road 681 and 658, completely sealing it. Grey coarse sandy clay bonding compacted gravels and small-medium sub-angular and waterworn stones. Wth = 7m; D = 0.5m.
- 670 Pre-Roman alluvial deposit. Light brown sandy clay, frequent iron and manganese staining.
- 671 Pre-Roman alluvial lens. Grey gravel.
- 674 Fill of 661; ditch cut associated with earliest postmedieval road. Light blue-grey silt, plastic with frequent charcoal and waterlogged wood, high organic content. Wth = 2.2m; D = 0.3m.
- 675 Pre-Roman alluvial deposit. Light grey sandy silt, blocky, frequent small wood and charcoal fragments.
- 676 Last fill of ditch cut 661. Fills ditch and laps onto south side of post-medieval road 681. Light brown slightly sandy clay, plastic, frequent iron staining, occasional small waterworn stones, occasional silt lenses. Wth = 4m; D = 0.22m.
- 677 Fill of ditch cut 662. Grey gravel deposit. Wth = 1.2m; D = 0.15m.
- 678 Secondary fill of ditch cut 662. Brown gravelly deposit. Wth = 0.7m; D = 0.1m.
- 679 Secondary fill of ditch cut 661. Grey sandy clay, abundant large waterworn stones, small-medium stones, occasional fine gravel lenses. Wth = 2.3m; D = 0.2m.
- 680 Gravel footings for post-medieval road build 681. Gravel dumped into hollow area in 685/514 to raise level of earliest post-medieval road. Wth = 5m; D = 0.25.
- Make-up for surface 953, the earliest post-medieval road. Comprised of abundant large and medium waterworn stones in a sandy clay matrix. Wth = 4.5m; D = 0.25m.
- 683 Dump make-up to raise level of post-medieval road associated with 668. Light brown, sandy clay loam, blocky. Frequent small and medium waterworn and

- sub-angular stones; frequent gravel lenses. Wth = 6m; D = 0.43m.
- 684 Post-medieval gravel deposit overlying surface 953.

 Light brownish grey, sandy clay, frequent gravel lenses and occasional small and medium waterworn gravels.
- 685 Alluvial deposit. Grey clayey silt, plastic, clean.
- 687 Alluvial sandy clay, cut into for construction of 681/680 and built upon by 804/885. Light brown, very sandy clay, frequent small and medium waterworn stones.
- 691 Post-Roman alluvium, infilling the depression on the south of the road and lapping up onto surface 952. Yellowish grey, sandy clay, occasional small and medium waterworn stones.
- 692 A pre-Roman alluvium. Grey, sandy silt, plastic, occasional small waterworn stones.
- 693 Pre-Roman gravel deposit.
- 694 Pre-Roman alluvium, very sandy clay, friable, frequent small-medium waterworn stones.
- 695 Pre-Roman alluvium. Brownish-grey, sandy clay, friable, occasional small waterworn stones with some iron staining.
- 696 Pit cut. Contains 697-8, cut from the level of the post-medieval cobbled path 804. Wth = 1m; D = 0.45m.
- 697 Primary fill of pit cut 696. Grey sandy silt, sticky, frequent small waterworn stones. Wth = 1m; D = 0.37m.
- 698 Secondary fill of pit cut 696. Grey, clayey silt, frequent medium waterworn and sub-angular stones; some iron staining.
- 700 Lens of alluvial deposit very similar to 702, but separated from it by 701. Yellowish-brown 10YR 5/4 sandy clay alluvial deposit, stoneless. Le = 5m; D = 0.2m.
- 701 Represents a flood episode and as such represents a past land surface. Coarse sand alluvial deposit the length of trench 14. Le = 40m; D = 0.02m.
- 702 Major alluvial deposit running the length of trench 14. Yellowish-brown 10YR5/4 sandy clay, blocky, slightly sticky, stoneless. Le = 50m; D = 0.5m.
- 703 Silted river fill. Dark grey 10YR 4/1 stoneless fine sandy clay, occasional flecks of charcoal.
- 704 Silted watercourse. Dark grey 10YR 4/1 fine sandy silt, high organic content. Le = 13.5m; D = 0.2m.
- 705 Alluvial deposit very similar to 702 but separated by sand layer 701.

- 706 Alluvial deposit. Brown 10YR5/3 sandy clay, plastic and stoneless.
- 707 Last fill of silted watercourse. Grey, silty clay, plastic. Le = 13m; D = 0.3m.
- 708 Primary fill of silted watercourse. Grey, silty clay, plastic, stoneless. Wth = 11.5m; D = 0.5m.
- 709 Silted river fill. Grey, silty clay, plastic, stoneless, high organic content. Le = 2m; D = 0.2m.
- 710 Possible Roman buried soil; runs up to within 0.8m of the Roman road. This context is sealed by the same context, 713, that seals the road. Light yellowishbrown 10YR5/4 clay, blocky.
- 711 Fill of river channel to the west of hedgebank. Yellowish-brown 10YR5/8 sandy clay, stoneless, with infrequent iron staining. Le = 14.5m; D = 0.2m.
- 712 Primary fill of easternmost river channel, west of hedgebank. Yellowish-brown silty clay 10YR5/6 silty clay, plastic. Le = 14.5m; D = 0.3m.
- 713 Alluvial soil representing post-Roman soil horizon overlying Roman road; also seals Roman soil horizon 710. Yellowish-brown 10YR5/4 clay, plastic, compact, heavily iron-stained with manganese concretions.
- 714 Probable buried soil medieval? -pre-dating construction of hedgebank. Dark grey 5YR 4/1 loamy clay, friable, occasional charcoal, frequent manganese concretions, small to medium waterworn stones.
- 715 Pre-Roman alluvial deposit. Dark yellowish-brown 10YR 4/4, silty clay, slightly plastic, iron-stained; rare, small, waterworn stones.
- 716 Pre-Roman alluvial deposit. Yellowish-brown 10YR5/8 sandy clay, plastic; contains very fine gravels and occasional small angular stones.
- 717 Tertiary fill of pit cut 723. Greyish-brown loam. Wth = 1.8m; D = 0.35m.
- 718 Secondary fill of 723; grey clay. Wth = 1.1m; D = 0.45m
- 719 Pre-Roman alluvial deposit. Stony brown clay.
- 720 Pre-Roman alluvial deposit. Grey sandy clay.
- 721 Primary fill of ditch cut 723. Yellowish-brown sandy silt. Wth = 0.1m; D = 0.6m.
- 723 Modern pit cut; contains 717 and 718. Wth = 1.3m; D = 1.82m.
- 724 Probably part of the same deposition as 713. Brown 10YR5/3 clay, occasional manganese staining. Post-Roman alluvial soil.
- 725 Post-Roman alluvial soil. Yellowish-brown sandy clay, occasional small waterworn stones and occasional manganese concretions.

- 726 Small lens of sand within alluvial context 702. Light brown sand.
- 731 Post-medieval alluvial soil, possibly deposited with 725. Brown clay.
- Drainage channel once the course of the river Yarty;
 is also the parish boundary, suggesting it may have been the course of the Yarty in the medieval period.
 Wth = 5m; D = 1.3m.
- 733 Tertiary fill of ditch cut 760. Brown clay. Le = 4.5m; D = 0.36m.
- 735 Secondary fill of ditch cut 760. Strong brown 7.5YR 5/8 clay. Le = 1.6m; D = 0.26m.
- 736 Primary fill of ditch cut 760, deposited during the life of the ditch. Dark grey sandy clay. Le = 1.1m; D = 0.18m.
- 737 Dump upcast from ditch cut 760, along with upcast 738. Yellowish-brown sandy clay, abundant small and medium waterworn stones.
- 738 Upcast from ditch cut 760, with 737. Brown loamy clay, abundant small and medium waterworn stones.
- Repair to Roman road surface. Strong brown 7.5YR
 5/8 coarse sandy clay, heavily manganese-stained. Le
 0.6m; D = 0.1m.
- 740 Material derived from the razing of the medieval hedgebank, associated with 755; now spread across fill of northern ditch Mid brown, loamy clay, friable, some manganese concretions.
- 741 Fill of hedge ditch 762. Brown loamy clay. Wth = 1.5m; D = 0.2m.
- 742 Cut for repair to Roman road surface; contains repair build 739. Wth = 0.62m; D = 0.1m.
- 745 Primary make-up for Roman road; comprises small to medium, locally-derived, waterworn stones, dumped onto a natural hump of gravels to form the bulk of the agger to accept the primary surface make-up 746. Wth = 15.9m; D = 0.18m.
- 746 Small and medium waterworn stones to 0.8m in diameter, with a yellow clay matrix, stained with iron and manganese concretions. This layer forms the make-up for the Roman road surface 747. Wth = 15.6m; D = 0.1m.
- 747 Surface on top of make-up 746 of Roman road. A well-worn surface. Wth = 15.9m.
- 748 Resurfacing of Roman road in the north end of trench 16, for surface 749. Comprises small to very small waterworn stones compacted in a matrix of brown clay. Wth = 4.06m: D = 0.04m.
- 749 Surface on road repair 748. Little sign of wear and tear. Wth = 4.06m.

- Primary core of extant hedgebank sealing buried soil
 714. Created by upcast from ditch cuts 775 and 776.
 Light brown clay loam, plastic; contains small angular and waterworn stones. Wth = 4.3m; D = 0.2m.
- 751 Secondary build-up of hedgebank now slumping into ditch cut 776. Brown clay loam, friable; contains small angular and waterworn stones.
- 752 Alluvial soil development in depression surrounding the extant drainage ditch. More loamy than 504. Probably the same as 504 but more worked by roots etc. Brown/dark-brown 10YR 4/3 clay loam, friable.
- 753 Modern dump around extant open drain in field.
- 755 Primary hedgebank core of razed hedge built onto alluvial soils sealing the Roman road. Constructed with cuts 770 and 762. Yellowish-brown sandy clay with small waterworn stones. Wth = 2.4m; D = 0.14m.
- 756 Upcast from ditch cut 760 comprising mainly displaced Roman road material and gravel derived from the underlying gravel bed (514). Blue-grey sandy clay, friable; contains small to medium waterworn stones.
- 758 Alluvial soil which has been cut for construction of medieval hedgebank. Possibly the same context as 713. Yellowish brown, sandy clay, occ small waterworn stones and occ manganese concretions.
- 760 Large open V-shaped ditch cut containing 733, 735-6 and responsible for upcasts 737, 738, 756. Probably an attempt to drain area in medieval period. Cuts through Roman road. Wth = 2m; D = 0.6m.
- 762 Hedge ditch cut associated with hedgebank 755. Wth = 1.89m; D = 0.36m.
- 765 Dump of large and medium waterworn stones. Possibly associated with 760.
- 767 Fill of southern ditch of razed hedgebank. Within ditch cut 770. Brown loamy clay, friable, with frequent small to medium waterworn stones. Wth = 1.5m; D = 0.46m.
- 770 Cut for northern ditch of razed hedgebank; contains 767. Wth = 1.4m; D = 0.42m.
- 771 Modern hedgebank build-up. Brown silty loam, friable, small to medium stones.
- 775 Cut for hedgebank ditch on east side of extant hedge. Wth = 1.0m; D = 0.5m.
- 776 Cut for hedgebank ditch on west side of extant hedge.
 Wth = 2.2m; D = 0.17m.
- 777 Recut for eastern ditch cut 775. Wth = 1.7m; D = 0.7m
- 778 Surface of post-medieval road make-up 606. Max Wth = 11m.

- 800 Alluvium cut by pit cut 696. Light brown sandy clay with iron and manganese staining. Occasional small waterworn stones.
- 801 Alluvial soil lipping up to road make-up 659. Light brown sandy clay, compact, with occasional medium-sized waterworn stones and gravel lenses.
- 803 Make-up for cobbled path 804/954. Grey sandy clay, friable, frequent medium-sized waterworn stones and gravel lenses.
- 804 Cobbles forming surface 954, a cobbled path running alongside post-medieval road surface 953. The path was constructed to be at a higher level than the road. The cobbles are medium-sized, up to 0.1m in size, waterworn stones laid on end, bonded and packed with sandy gravelly clay. Wth = 2m; D = 0.2m.
- 812 Alluvium lipping onto post-medieval cobbled path 814. Light grey silty clay, plastic, occasional small waterworn stones, abundant manganese staining.
- 814 Damaged cobbled path probably the same as that exposed in Trenches 6 and 7, continuing eastward. Same as 804.
- 815 Alluvial deposit. Greyish brown 10YR 5/2 silty clay, plastic, occasional small waterworn stones.
- 816 Alluvial deposit. Grey silt, plastic, frequent wood fragments. Occasional clay and gravel lenses.
- 817 Alluvial deposit beneath Roman road make-up 821. Grey-brown clay, plastic, iron-stained.
- Primary Roman road make-up in Section 17. Consists of small to medium-sized waterworn stone (chert?)

 packed and bonded with coarse sand. heavily iron-stained. Le = 2m; D = 0.15m.
- 819 Secondary Roman road make-up. Strong brown 7.5YR 5/8 sandy clay with occasional medium-sized stones. Le = 2.7m; D = 0.17m.
- 820 Make-up for Roman road, probably a lens within 821.

 Grey sandy clay, compact, with iron staining. Le = 0.5m; D = 0.11m.
- 821 Main make-up for Roman road surface 826 exposed in Section 17 and 11. Consists of small to medium-sized waterworn chert arranged into a cambered road. The road has been eroded away in Trench 11 by a post-Roman river meander. The stones are bonded by a greyish-brown 10YR 5/2 sand matrix. Max Wth = 9m; D = 0.3m.
- Repair make-up to northern camber of 821, for surface 825. Consists of small to medium even-sized waterworn chert, with a sand matrix, strong brown 7.5YR 5/8. Le = 0.8m; D = 0.1m.
- 823 Repair make-up to northern camber of 821, built over 822/825; forms surface 824. Consists of compact and small regular waterworn stones. Le= 0.6m; D = 0.03m.

824	Surface of Roman road repair 823. Exposed in section for a width of 0.6m.	852	Post-medieval alluvial deposit consisting of small to medium waterworn chert within a grey silt matrix.
825	Surface to Roman road repair 822, exposed in section	853	Coarse gravel lenses within 504.
	for a width of 0.6m.	855	Pre-Roman alluvial deposit. Black, sandy silt, plastic,
826	Surface to Roman road make-up 821 exposed for a width of 4.6m.		with occasional coarse gravels.
827	Alluvial deposit lapping onto the northern camber of	856	Probably primary make-up for Roman road laid over soft silts to provide a firm base for road construction.
	the Roman road. Grey sandy clay, plastic, with iron staining.		Only partially excavated. Strong brown medium-sized waterworn chert. Wth = $?$; D = $0.22m$.
828	Alluvial deposit. Yellowish brown clayey silt, plastic with some iron staining.	857	Make-up for Roman road. Consists of stony brown 7.5YR 5/8 gravels and waterworn chert in a clay matrix. Only partially excavated. Wth = ? D =
830	Sandy clay probably washed down from road surface and infilling a depression to the north of the Roman road. Yellowish brown clayey sand, compact, with	858	0.2m. Roman road make-up consisting of very small to
	bands of sand and clay running through context.	0.30	medium-sized waterworn chert, bonded together with iron concretions. Wth = 11m ; D = 0.2m .
831	Alluvial gravel deposit with a matrix of coarse sand.	050	Male and Boundary Over Control of
832	Alluvial gravel deposit, heavily iron-stained.	859	Make-up for Roman road surface 866. Consists of brown coarse sand matrix around small and medium waterworn chert. Wth = 10.6m; D = 0.2m.
833	Alluvial silt. Greyish brown silt, blocky with heavy iron staining.	860	Clay lens within 859, part of the same build. $I\varepsilon = 1.5m$; $D = 0.12m$.
834	Gravel footings for construction of 836 within cut 835. $H = 0.05m$; $Wth = 0.5m$.	861	Coarse sand make-up for Roman road. Pale brown
835	Cut for construction of post-medieval revetment wall 836; also contains 834. II = 0.18m; Wth = 0.5m.		coarse sand stained by iron precipitation. Le = $3m$; D = $0.15m$.
836	Stone-built revetment wall to contain post-medieval river channel to the north. $H = 0.12m$; Wth = 0.5m.	862	Compacted clay make-up for Roman road. Beige, compacted clay stained by iron precipitation. Le = 1.5m; D = 0.1m.
837	Organic post-medieval river deposit abutting 836.	863	Compacted sand and chert make-up for Roman road,
	Black organic silt, sticky.		stained by iron precipitation. Le = $2.6m$; D = $0.1m$.
838	Post-medieval alluvial deposit of grey silt, plastic with a moderately high organic content.	864	Make-up for surface 867 extant on either side of the road, the middle having been lost (through erosion?). Comprises brown sandy clay with small to medium
839	Post-medieval alluvial deposit. Grey silt, plastic.		waterworn chert, compacted and stained by iron precipitation. Wth = 11m; D = 0.2m.
840	Post-medieval alluvial deposit; grey silts, blocky with large angular chert fragments, possibly eroded from	865	Later Roman make-up over 867, raising level of road
	836.		for surface 868. Wth = 17.8 m max; D = 0.25 m.
841	Rubble from the demolition of the apex of 836. Greyish brown silt matrix surrounding large angular chert stones. Heavily stained by iron precipitation.	866	Surface of Roman road extant patchily across 859. Wth = 10.6m.
842	Alluvial deposit. Black organic silts, sticky.	867	Surface of Roman road, extant only on either side of the road; the surface in the middle of the road has been lost, along with make-up 864. Wth = 11m.
843	Gravel bank forming the southern bank of the post- medieval stream. Graded gravel bank with gravel up	868	Surface of Roman road make-up 865. Wth = 17.8m.
	to 0.04m in diameter at the highest level, grading down to fine sands and silt at the base.	869	Alluvial infilling of depression over 865/868. Brown sandy clay, compact.
844	Gravel lens within silted post-medieval channel.	870	Alluvium. Strong brown 7.5YR 5/8 clay, blocky,
845	Gravel lens within 561.	. 3	slightly plastic, stoneless.
846	Gravel lens within 561.	871	Alluvial grey clay, plastic consistency.
847	Gravel spread on top of 561.		

- 872 Alluvial gravels abutting causeway wall 586. Gravels have a silt matrix.
- 873 Dump of greyish-brown gravelly stony clay north of post-medieval causeway wall 586. Wth = 0.35m; D = 0.5m.
- Dumps of stony clayey loam make-up for causeway road, on the north of wall 586. Wth = 0.6m; D = 0.35m.
- 876 Lower horizon of 507, a mix of characteristics of 501, 504; an alluvial soil.
- 877 Alluvial deposit. Brown/dark brown fine sandy silt, friable, stoneless.
- 878 Turf layer separated by sandy layer 502 from 501 the main turf context.
- 879 Alluvial fill of watercourse. Greyish-brown clayey sand, friable and stoneless.
- 880 Alluvial sandy clay deposit with frequent medium to small waterworn stones.
- 883 Possible upcast from ditch cut 662, now has slumped into ditch. Brown claysilt, friable, abundant small to medium waterworn stones probably derived from Roman road make-up. 648/652 disturbed when ditch 662 cut.
- 884 Make-up for post-medieval cobbled path 804/954.

 Gravelly sand, compacted but friable, abundant medium to large waterworn stones. Wth = 1.1m; D
- Make-up for post-medieval cobbled path 804/954.

 Gravelly clay, compacted but friable with frequent small waterworn stones. Wth = 2m; D = 0.25m.
- 886 Fill of ditch cut 662. Yellowish brown coarse sand, friable; contains pea-grit and gravel.
- 887 Gravel accumulation within 662.
- 888 Silt accumulation within 662. Yellowish-brown silty sandy clay, friable, occasional small to medium waterworn stones.
- 891 Make-up for Roman road identical to 665 but with larger waterworn stones. Possibly a repair to road surface. No difference in matrix from 665. Wth = 3.4m; D = 0.2m.
- 892 Make-up for Roman road 891, infilling a hollow in 670. Grey sandy clay matrix around medium to small waterworn stones and pea-grit. Wth = 0.7m; D = 0.15m.
- 893 Alluvial gravel deposit. Abundant small gravels, occasional medium waterworn stones, coarse sand and gravel in a silt matrix.
- 897 Secondary make-up over 616 for Roman road surface 956; consists of a silty clay matrix around abundant small to medium waterworn chert stones up to 0.15m

- in diameter. Wth = 11.5m; D = 0.2m.
- 898 Post-medieval alluvial soil development/deposit, associated with the deposition of 504. Brown/dark brown fine sandy clayey silt, friable, some manganese and iron staining with very occasional small waterworn stones.
- 899 Gravel lenses within 504, indicating periods of inundation.
- 900 Sand bank overlying 514. Greyish brown very coarse sand, friable, occasional small waterworn stones.
- 901 Fill of depression, stream channel. Dark grey silty clay, plastic, some organic matter.
- 902 Alluvium, similar to 524. Brown/dark brown 7.5YR 4/4, fine sandy silty clay, some iron staining.
- 903 Alluvium sealing silted stream channel containing 904, 905. Very similar to 525. Strong brown 7.5YR 5/8 clay, clean.
- 904 Primary fill of depression in 514, representing a silted stream channel. Grey clayey silt, occasional small to medium waterworn stones.
- 905 Sandy lens over 904.
- 906 Alluvium. Strong brown 7.5YR 5/8 sandy clay, very occasional small waterworn stones.
- 907 Fine gravel deposit within river course at 968.
- 908 Possible surface over 514, not a constructed surface but a compacted layer of 514. The surface of 514 may have been utilised as a road some time in the past after the constructed road had been washed away. Wth = 15m; max Le = 4.5m.
- 911 Alluvium sealing surface 908. Greyish brown, silty sandy clay, some iron staining.
- 912 Sandy clay alluvial lens. Brown sandy clay, compacted, clean.
- 913 Primary fill of post-medieval river channel. Grey clayey silt, plastic, low organic content.
- 914 Dirty gravel layer overlying 514. Gravel in a sandy silt matrix, fairly compact, wit stones up to 0.1m in diameter.
- 915 Alluvium. Brown/dark brown 10YR 5/2, sandy silty clay, compact, some iron staining, occasional small waterworn stones.
- 916 Alluvium. Greyish brown sandy clay, friable, ironstained, occasional small waterworn stones.
- 917 Alluvium. Greyish brown, sandy clay, friable. heavily iron-stained, occasional small to medium waterworn stones.
- 918 Fill of river channel. Brownish grey silty clay, compact, plastic, occasional very small waterworn

	atanau	042	Lone of cooms sand between 501 and 504
	stones.	942	Lens of coarse sand between 501 and 504.
920	Fill of river channel in 514. Grey, clayey silt, smooth, plastic, manganese concretions frequent, also with a mederate organic content.	943	Lens of coarse sand separating 501 and 503 at west end of Trench 1.
004	•	944	Gravel bank overlying 514.
921	Fill of river channel in 922. Grey/black silty sand, friable.	946	Alluvial grey sandy clay with coarse sand lenses.
922	Gravel bank over 514.	947	Alluvial grey fine sandy clay, plastic, slightly friable,
923	Fill of abound in 022/514. Vallowish grow sitty alov		with coarser sand lenses.
	Fill of channel in 922/514. Yellowish grey silty clay, plastic, friable, clean.	948	Alluvial grey fine sandy clay, plastic, slightly friable, with coarser sand lenses.
924	Fill of depression in 514. Grey silty clay, plastic, slight organic content, otherwise clean.	949	Generic context number for for Roman road in Trench 3; also includes repairs and surfaces. Consists
925	Fill of watercourse cut into 514. Grey silty clay, plastic, some organic content.	050	of contexts: 818-21 and 822, 823.
926	Gravel and sand deposit.	950	Generic number for surfaces on Roman road build 949. Surfaces 826, 825, 824.
927	Alluvial deposit. Brown, fine sandy clay, compact but friable, clean with rare small to medium waterworn stones.	951	Surface of 703 post-medieval trackway. Max Wth \approx 13.5m.
928	Alluvial deposit. Grey brown, clay, compact layer.	952	Surface of Roman road make-up 648, 665, 891. Wth ≈ 12.3m.
929	Gravel bank overlying 514.	953	Surface of post-medieval road 658, 681 to the north of the Roman road. Wth $= 8.7$ m.
932	Wooden stakes serving as revetment for post-medieval river course. The stakes have been driven into gravels 514. The river has silted up around the revetment	954	Surface of cobbled path 804. Wth = 2m
	stakes, silts 935, 934. The stakes are associated with 933, packing around stakes. H = 0.3m.	955	Surface of Roman road make-up 638/648. Wth = 17.5m.
933	Dirty mixed context probably packing around revetment stakes 932. Very dark grey silts, sticky,	956	Surface of Roman road make-ups $897/642/945/640$. Wth = 17.5 m.
	very mixed.	957	Surface of cobbled path 814. Wth = 0.8m.
934	Last silting of post-medieval river course. Reddish- grey, clayey silt, plastic, with iron staining.	958	Surface of Roman road repair 639. Wth = 4.5m.
935	Primary silting of post-medieval river course. Grey with heavy mottles of iron precipitation, clayey silt, plastic, manganese staining.	959	Surface of Roman road repair 601 and 598. Wth = 6.25m.
00/		960	Surface of Roman road repair 640. Wth = 3.4m.
936	Alluvial gravel deposits, part of the post-medieval river fill.	961	Surface of Roman road repair 739. Wth =
937	Compressed layer equivalent to 828 and 562 beneath Roman road.	962	Cut created by watercourse cutting into Roman road, 955 and 648, from the north. Has been infilled and built up for repair to road. Contains contexts 601 and
938	Last fill of river channel cut through Roman road 821. Brown sandy clay, iron-stained, with coarse gravel lenses.	963	598. Wth = 7.5m; D = 0.5m. Repair to Roman road for surface 867. Wth = 3m;
	graver renses.	703	D = 0.15m.
939	Fill of river channel cutting through Roman road 821. Grey sandy clay, heavily stained by iron precipitation.	964	Surface of post-medieval road repair 607. Wth = 5.6m.
940	Alluvial deposit containing mix of road surface and make-up eroded away by river channel, now occupied by 938-41. Greyish yellow clayey silt, abundant large	965	Water-eroded cut through Roman road surface 956.
	to medium waterworn stones.	966	Watercourse cut across Roman road 821/826 from
941	Alluvial deposit of gravels within channel that has eroded Roman road make-up 821 in Trench 11.		north to south eroding the road from the east. Contains fills 938-41.
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- 967 Watercourse cut for known post-medieval river, across the eastern extent of surface 908. Contains contexts: 913, 918.
- 968 Watercourse cutting across the western extent of surface 908. Contains contexts: 903-5.
- 969 Construction cut for 18th-century causeway wall 586. Cuts from 504.

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Environmental Sample Index

Sample No.	Context No.	Type
306/307	565,564,566	Monolith through pre-Roman road soil and watercourse for pollen analysis
308	566	Monolith through pre-Roman road alluvial deposit for pollen analysis
309	566	Radiocarbom samples for dsating the above pollen analysis
310	564,565,566	Bulk samples at 0.1m spits through pre-Roman soils and watercourses
311	566	Bulk for macrofossil analysis
313	838	18th-century watercourse fill
315	710	Kubiena box through Roman soil for micromorphological analysis
316	714	Kubiena box through medieval soil for micro-morphological analysis
316a	714	Monolith of medieval soil for pollen analysis
317	714	Bulk sample of medieval soil
318	710	Monolith through Roman soil for pollen analysis
319	710	Bulk sample of Roman soil

Photographic index

B/W	

Film 1743

- 1,2 Trench 5, looking north
- Trench 5 with people cleaning up, looking south 3.4
- 5,6 Trench 5 with exposed roadway, looking south
- 7 Ditto, looking north
- 8-12 Trench 3 with exposed roadway, looking north
- 13 Ditto, looking south
- 14 Trench 2, looking south
- 15 River Yarty,
- 16 Trench 5, looking south
- 17-19 Old bridge over River Yarty, looking west, north, and west
- 20-2 Ditto looking north, south and south
- 23 Trench 1 general shot
- 24 Trench 5 and exposed road, looking north
- 25-6 Trench 5, detail of exposed road, looking west 27
- Trench 5 overall road exposed, looking south 28-9
- Stone dump in Trench 5, looking west
- 30-3 Working shots on site, looking south
- 34-6 Trench 3 primary road surface and make-up, looking west

Film 1750

- Trench 3, looking south 1-3
- 4-7 Trench 3 in the process of being cleaned up, looking south
- 8-11 Trench 3 -- detail of roadway, looking west
- 12-19 Trench 3 -- being cleaned up, looking west
- Trench 5, looking south 20
- 21-9 Trench 5 -- detail shots of section, looking south
- 31-2 Trench 5-- detail of causeway road, looking west
- 33-6 Trench 5 -- general working shot, looking west

Film 1751

- 1, 2 Trench 6 south-facing primary road surface, looking south
- 3-4 Trench 6, looking west
- 5 Trench 12, looking south
- 6 General shot of east floodplain

7	Yarty pre-excavation, looking east
8-13	Trench 3 showing silted watercourses and banks, looking east
14-19	Excavations east of the Yarty
20, 21	Trench 9 north end, looking north
22-33	Details of Trench 3 showing post-medieval roadway and earlier river courses
34-6	Detail of road surface exposed in plan in Trench 16
Film 1765	
1-9	Trench 6; extent of exposed road surface, looking west
10-13	Trench 6 extent of exposed road surface, looking east
14,15	Trench 10 record shots, looking west
16-17	Trench 12, looking south
18	Overall site shot, looking west
19	Post-medieval channel revetment in Trench 3, looking west
20-6	Trench 8 general shots, looking west
27-36	Trench 7 with Roman, post-medieval and causeway roads exposed in section, looking west.
Pil 10 4	
Film 1767	
2,3	Trench 3 south end, looking west
4-7	Trench 3 middle section, looking west
8-12 13-18	Trench 3 north end, looking west
13-18 19-20	Trench 4 sequence of shots north and south
21	Trench 1 south end, looking north Trench 2 south end, looking south
22-3	Trench 2 general working shot, looking south
22-3	Trenen 2 general working shot, tooking south
Film 1768	
1	Trench 16 stone dump, looking west
2,3	Trench 16, middle of Roman road and repair, looking north
4,5	Trench 16, middle of Roman road and metalled resurface, looking west
7-9	Middle of Roman road in Trench 16 with repaired surface, looking west
10,11	Southern extremity of exposed Roman road in Trench 16, looking west
12	General shot of Trench 16, looking north
13-14	Detail shot of ditch east of the hedgebank in Trench 15, looking south
15,16	Channel exposed in Trench 15 at its eastern extremity, looking south
17-19	General shots of gravels rising in Trench 15, looking east
20-1	Detail of buried medieval soil in Trench 15, looking south
22-4	Detail of river channel exposed in west end of Trench 15, looking south
25-9	Details of river channels exposed in west end of Trench 15, looking south
30-1	Details of gravel lens 701, reflecting soil horizon, looking south
32-5	Details of river channels in Trench 14, looking south
Colour tra	ansparency
183	Trench 5 general shot, looking south
184	Trench 5, looking north
185	Trench 1, looking west
186-7	Trench 5 north end and exposed causeway wall, looking north
188-90	Trench 6 exposed Roman road, looking south
191	Detail of Roman road and alluvial soils overlying it, looking west
192 193-4	Silted watercourse fill in trench, looking west
195-6	Trench 5, north camber of road, looking west
197-201	Excavation of Trench 16, looking north Detail of Roman road in Trench 6 and silted prehistoric river channels, looking west and south-west
202-5	Examples of prehistoric watercourses exposed in section in Trench 1
206-7	Looking across Roman road exposed in Trench 6, looking east, south-east
208-10	Roman road exposed in Trench 3, looking north, north, and south
211-14	Detail of metalling 748 in Trench 16
215-23	Detail of disturbances to the Roman road's surface in Trench 16, looking south
224	Detail of Roman road surface in Trench 16, looking west
225-7	Detail shots of ditch that cuts across Roman road in Trench 16, looking west
228	Medieval(?) buried soil nebeath hedgebank in Trench 15, looking south
230	Stone dump 765 in Trench 16, looking west
231-5	Depth of alluvial soils on the east of the River Yarty
236-7	Silted watercourses sealed beneath alluvial soils in Trench 15, looking south
238-9	Medieval(?) buried soil revealed in section 15, looking south
240	Pit cast of hedgebank cut through by Trench 15, looking south
- 10	

241	Detail of alluvial soils overlying gravel bed 514, looking west
242	Detail of section through Roman road in Trench 16, looking west
243	Gravels rising up in Trench 125, looking east
244-6	Section through Roman road exposed in Trench 16, looking west
247	Detail of north camber of the Roman road exposed in Trench 3, looking west
248-56	Revetment of post-medieval river in Trench 3, looking west
257-8	Details of the north end of Trench 3, looking west
259	Roman road in section in Trench 3, looking west
260-1	North end of Trench 5, looking north
262	View across Roman road in Trench 5, looking north
263	Section across Roman road in Trench 3
264	Roman road exposed in Trench 3
265-70	Roman exposed in Trench 3
271-6	19th-century causeway road wall exposed at north end of Trench 5
277	View eastward along Trench 1
278-9	Stone dumps 581 and 582 in Trench 5, looking west
280-5	Roman road exposed in Trench 4
286	Prehistoric silted watercourse on junction of Trenches 6 and 1, looking west
287-8	Trench 1 overview during extension of trench, looking east
289	View of River Yarty and Trench 9, looking south
290-2	Roman road and post-medieval river channel exposed in Trench 3
293-302	Roman road exposed in Trench 3
303	View looking from the surface of the Roman road in Trench 5 westward to the modern A35 route
304	Cleaning up surface of Roman road in Trench 5, looking north-west
305	Roman road exposed in plan in Trench 6, looking south
306	Eastern extremity of Trench 1 where it meets the River Yarty, looking south
307-11	Shots showing the depth of relatively modern alluvial deposits at eastern extremity of Trench 1
Colour P	rints
Film 208	7
8-9	View across the Roman road in Trench 6; scale 2m; looking south
10-18	View of exposed Roman road in Trench 6 looking west across to Trench 7
19-20	General shot of trenhc after excavation, looking east
21-3	North end of trench, looking east
24	Hand excavation of dumped context 753 finds from this context on edge of section
25	View west along Trench 14
26	View east along Trench 15
27	View across Yarty to main area of excavation, looking east
29-31	Roman road exposed in section in Trench 5, looking north-west
32-3	Detail of north corner of Roman road in Trench 18, looking west

Detail of prehistoric silted watercourse beneath Roman road in Trench 5, looking west

2.6 The finds archive

The finds archive for this report has been organised into two parts; part 1 is a simple site inventory of artifacts separated into categories by material, set out in alphabetical order giving quantities per context only. Part 2 is a more detailed catalogue of materials that have been examined and identified by specialists. The following site code has been used to mark artefacts, finds labels and bags: YFP90 = Axminster, Yarty Flood Plain 1990. Where relevant small finds numbers are used and are denoted by the abbreviation (SF.). A summarised index of dating evidence (in context numerical order) is provided at the end of part 2.

34-5

36-7

PART 1	
CLAYPIPE	IRONWORK
Context Quantity 504 1 bowl (SF. 10)	Context Quantity 646 1 (SF. 13, discarded)
GLASS	POTTERY
Context Quantity/Weight 583 1 (SF. 4): 5 grams 657 1 (SF. 9): 5 grams	Context Number of sherds 504 5 (SF. 2, 3, 5, 6, 7) 574 1 (SF. 12) 609 1 (SF. 11) 646 2 (SF. 14) 821 12 (SF. 8)

Recording the Roman road in Trench 5, looking north-west

SMALL FINDS	T sł	n: 5	
	Τw	t: 50	
Context Small Finds Number	Bris	Staffs YG S	lp W (aft 1700, SF. 5): 1: 1 Ves
504 1, 2, 3, 5, 6, 7, 10			00, SF. 2): 1: 1 Ves
574 12			
			(1 Bwl Rim, SF. 3, 6, 7): 3: 3 Ves
583 4	Clp:	1 Bwl Mid 1	18C+ (SF. 10)
609 11			
646 13, 14	574 17C	/18C	
657 9	T sl	n: 1	
821 8		t: 15	
· ·	_		(1 Bwl Rim, SF. 12): 1: 1 Ves
PART 2	33 1	17C/18C CW	(1 BWI KIM, SF. 12): 1: 1 Ves
FARI 2			
	609 17C	/18C	
CLAYPIPE	T sh	ւ։ 1	
	Τw	t: 25	
Context Date	SS 1	7C/18C CW	(SF. 11): 1: 1 Ves
504 1 bowl: Mid 18C		,	(01/11/): 11/14
JOV I DOWN MIN IOO	646 100		
C1 400	646 18C		
GLASS	T st	ı: 2	
	T w	t: 5	
Context Date	SST	Crld Sln W (1	8C Typ, SF. 14): 1: 1 Ves
583 1 fragment of green bottle glass: after 1750 AD	00 2	(1. (1. (1. (1. (1. (1. (1. (1. (1. (1.	
657 1 fragment of green bottle glass: after 1750 AD	Dani 14. *	med Ca-al-al	
1 tragment of green bottle glass: after 1750 AD	Post-Mean	eval Statistics	
POTTERY	Total num	iber of sherd:	s; 9
	Total weigh	tht of sherds:	95 grams
ROMAN		number of v	•
NONE IV	Millimom	number of v	Cascis. O
Courtes Tours Davis	*****		
Context Type/Date	SMALL F	INDS	
821 12 abraided sherds of probable South-East Dorset			
Black-Burnished Ware (Exeter fabric 31), not closely	Number	Context	Material/Description
datable.	1	504	1 pink ?enamelled object
Gutubio.	•	304	•
P	_	40.4	(?modern).
For a description and discussion of the above-mentioned ware	2	504	1 pot sherd, unclassified post-
see Holbrook and Bidwell 1991, Exeter Archaeological			medieval green glazed coarseware.
Reports 4.	3	504	1 pot sherd, South Somerset
	•	504	-
POST-MEDIEVAL		500	coarseware.
TOST-MEDIEVAL	4	583	1 fragment of green bottle glass.
	5	504	1 pot sherd, Bristol/Stafforshire
Glossary of abbreviations			yellow glazed feathered slip ware.
aft After	6	504	1 pot sherd, South Somerset
Bris Bristol			coarseware.
Bwl Bowl	7	504	
	,	204	1 pot sherd, South Somerset
			coarseware.
Cl P Claypipe	8	821	12 pot sherds, ?South-East
CW Coarseware			?Dorset ?black-burnished ware.
Rim Rim	9	657	1 fragment of green bottle glass.
SF Small Find	10	504	
			1 claypipe bowl.
	11	609	1 pot sherd, South Somerset
Slp Slip			coarseware.
SS South Somerset	12	574	1 pot sherd, South Somerset
Staffs Staffordshire			coarseware.
T Total	12	614	16
T Total	13	646	1 fragment of ironwork (discarded).
Trld Trailed	13 14	646 646	1 fragment of ironwork (discarded). 1 pot sherd, South Somerset
Trid Trailed Typ Type			
Trld Trailed			1 pot sherd, South Somerset
Trid Trailed Typ Type Unc Unclassified	14	646	1 pot sherd, South Somerset trailed slip ware.
Trid Trailed Typ Type Unc Unclassified Ves Vessel	14	646	1 pot sherd, South Somerset
Trid Trailed Typ Type Unc Unclassified Ves Vessel W Ware	14 SUMMAR	646 RY OF DATI	1 pot sherd, South Somerset trailed slip ware.
Trid Trailed Typ Type Unc Unclassified Ves Vessel W Ware wt Weight (in grams)	14	646	1 pot sherd, South Somerset trailed slip ware.
Trid Trailed Typ Type Unc Unclassified Ves Vessel W Ware	14 SUMMAR	646 RY OF DATI Date/Mater	pot sherd, South Somerset trailed slip ware. ING EVIDENCE rial
Trid Trailed Typ Type Unc Unclassified Ves Vessel W Ware wt Weight (in grams)	SUMMAR Context 504	646 RY OF DATI Date/Mater Mid 18C+	1 pot sherd, South Somerset trailed slip ware. ING EVIDENCE rial (claypipe/pottery)
Trid Trailed Typ Type Unc Unclassified Ves Vessel W Ware wt Weight (in grams) YG Yellow Glazed	14 SUMMAR <i>Context</i> 504 574	646 RY OF DATI Date/Mater Mid 18C+ 17C/18C (1 pot sherd, South Somerset trailed slip ware. ING EVIDENCE rial (claypipe/pottery) pottery)
Trid Trailed Typ Type Unc Unclassified Vcs Vessel W Ware wt Weight (in grams) YG Yellow Glazed For descriptions and discussions of fabric and forms	14 SUMMAR Context 504 574 583	646 RY OF DATI Date Mater Mid 18C+ 17C/18C (after 1750	1 pot sherd, South Somerset trailed slip ware. ING EVIDENCE rial (claypipe/pottery) pottery) (glass)
Trid Trailed Typ Type Unc Unclassified Ves Vessel W Ware wt Weight (in grams) YG Yellow Glazed	14 SUMMAR <i>Context</i> 504 574	646 RY OF DATI Date/Mater Mid 18C+ 17C/18C (1 pot sherd, South Somerset trailed slip ware. ING EVIDENCE rial (claypipe/pottery) pottery) (glass)
Trid Trailed Typ Type Unc Unclassified Vcs Vessel W Ware wt Weight (in grams) YG Yellow Glazed For descriptions and discussions of fabric and forms	14 SUMMAR Context 504 574 583	646 RY OF DATI Date Mater Mid 18C+ 17C/18C (after 1750 17C/18C ()	1 pot sherd, South Somerset trailed slip ware. ING EVIDENCE rial (claypipe/pottery) pottery) (glass) pottery)
Trid Trailed Typ Type Unc Unclassified Vcs Vessel W Ware wt Weight (in grams) YG Yellow Glazed For descriptions and discussions of fabric and forms mentioned see Allan 1984, Exeter Archaeological Reports 3.	14 SUMMAR Context 504 574 583 609 646	646 RY OF DATI Date Mater Mid 18C+ 17C/18C (after 1750 17C/18C (18C (potte	1 pot sherd, South Somerset trailed slip ware. ING EVIDENCE rial (claypipe/pottery) pottery) (glass) pottery) ery)
Trid Trailed Typ Type Unc Unclassified Vcs Vessel W Ware wt Weight (in grams) YG Yellow Glazed For descriptions and discussions of fabric and forms	14 SUMMAR Context 504 574 583 609 646 657	646 RY OF DATI Date Mater Mid 18C+ 17C/18C (after 1750 17C/18C (potte after 1750	1 pot sherd, South Somerset trailed slip ware. ING EVIDENCE rial (claypipe/pottery) pottery) (glass) pottery) ery) (glass)
Trid Trailed Typ Type Unc Unclassified Vcs Vessel W Ware wt Weight (in grams) YG Yellow Glazed For descriptions and discussions of fabric and forms mentioned see Allan 1984, Exeter Archaeological Reports 3.	14 SUMMAR Context 504 574 583 609 646	646 RY OF DATI Date Mater Mid 18C+ 17C/18C (after 1750 17C/18C (18C (potte	1 pot sherd, South Somerset trailed slip ware. ING EVIDENCE rial (claypipe/pottery) pottery) (glass) pottery) ery) (glass)

Finds archive acknowledgements

The Roman pottery was examined and identified by P. Bidwell. The post-medieval finds were examined and identified by G.I. Langman and J.P. Allan.

APPENDIX 1: YARTY FLOODPLAIN 1990: ASSESSMENT OF POTENTIAL FOR POLLEN AND PLANT MACROFOSSIL ANALYSIS

by Vanessa Straker

1. INTRODUCTION

Bulk samples and monoliths were taken through the deposits underlying the Roman road in Trenches 3 and 6. The sediments are described below as observed in the monolith tins. Measurements are from the top of each column.

Trench 3

0-01.8m greyish brown clay (10YR 5/2) with iron mottling.
0.18-0.33m dark brown silty clay (10YR 3/3) with some iron mottling.
0.33-0.5m very dark greyish brown (10YR 3/2) silty clay with occasional lenses of sandy silt.

Trench 6

0-0.11m greyish brown (2.5YR 5/2 (sandy silt clay).
0.11-0.22m dark grey (10YR 4/1) sandy silt clay.
0.22-0.5m black (10YR 2/1) silty clay with occasional manganese nodules towards the base.
0.5-0.56m brown (10YR 4/3) silty clay, occasional manganese nodules.
0.56-0.74m dark yellowish brown (10YR 4/4) sandy silt clay with some orange iron mottling.
0.74-0.9m greyish brown (2.5YR 5/2) silty clay.

2. POLLEN

The samples assessed are listed below from the top of the monolith tin column:

Trench 3 (one monolith)
0-0.01m (context 565)
0.17-0.18m; 0.35-0.36m; 0.41-0.42m (context 566)

Trench 6 (two monoliths)
0-0.01m (context 637)
0.9-0.1m; 0.12-0.13m; 0.2-0.21m; 0.3-0.31m; 0.46-0.47m (context 564)
0.55-0.56m; 0.65-0.66m (context 565)
0.75-0.76m; 0.82-0.83m; 0.89-0.9m (context 566)

The samples were prepared using standard techniques as described in Moore, Webb and Collinson (1991). The aim was to count 10 traverses or 100 grains of land pollen types, if this could be achieved in fewer traverses. The results are presented in Table 1.

3. PLANT MACROFOSSILS

Unless otherwise stated, the macrofossils identified are seeds, although in a strictly botanical sense, some are more correctly classified as fruits.

Trench 3

250gm subsamples of three of the five bulk samples available were processed. These were from contexts 565 and 566. Floats were collected on a 250 micron mesh and residues on a 500 micron mesh. Both were scanned and the results presented in Table 2.

Trench 6

Five bulk samples were collected from the basal 50cms of the sequence below the road, and 250gm subsamples from three of the levels were processed as described for Trench 3 above. The samples were from contexts 564, 565 and 566. The results are presented in Table 2.

4. COMMENTS

The comments combine the information from the pollen and plant macrofossils and the sequences are discussed from the base upwards.

Trench 3

Context 566: pollen preservation is poor for all except the lowest 10cms of the sequence where taxa characteristic of disturbed and open ground predominate. These include plants such as grasses, Compositae Liguliflorae (dandelion type), sorrel and ribwort plantain. Trees and shrubs are restricted to low numbers of hazel, alder and oak. Plant macrofossils are very scarce except at the base of the sequence where seeds of rushes (Juncus spp.) indicate damp ground and buttercups and self heal suggest damp grassland. The upper part of the context contained very occasional seeds of water-plantain and rushes which suggest that although standing water would have to be present for water-plantain to survive, conditions had subsequently dried out resulting in the degradation and disappearance of other macrofossils and most of the pollen.

Context 565: grasses account for over 50% of the pollen and much of the rest is also from open ground taxa such as Compositae Liguliflorae (dandelion type), sedges and other herbaceous taxa characteristic of disturbed or open ground. Tree and shrub pollen (oak, ader and hazel) was very scarce. Plant macrofossils, apart from occasional rush seeds, were not preserved.

The botanical evidence suggests that the area was probably largely cleared of woodland by the time the silt started to accumulate, and the evidence for clearance is stronger in the deposits immediately beneath the road. Some drying out had taken place before the road was built, but the road itself may have played a part in the preservation of pollen in the deposits immediately underneath it, which may be the remains of a former land surface.

Trench 6

Context 566: Pollen is sparse except in the basal 10cms. Tree and shrub pollen predominates with alder, a tree characteristic of river banks and wet ground, the dominant taxon. Oak, hazel, lime and ivy are present in smaller amounts. The plant macrofossils provide details of the immediate conditions. Water plantain, water pepper and pondweed attest to the presence of standing water. Rushes, sedges and spike-rush can grow in standing water or on damp ground. The fruits of alder indicate that it was probably growing in the immediate vicinity.

Context 565: higher up in the profile, although pollen is not preserved, plant macrofossils survive better and show that while wet conditions continued, there is also evidence of grassland nearby supporting plants such as self heal, parsley piert, great plantain and buttercups.

Context 564: pollen preservation is sparse in the upper levels and improves towards the base of the context where trees and shrubs are dominated by alder and hazel, but pine, oak, ash, willow and ivy are also indicated. There is a substantial open ground element largely composed of grasses and sedges with smaller amounts of other open ground and grassland taxa such as knapweed, Compositae Liguliflorae, plantains and sorrel.

Context 637: pollen from this context, immediately underneath the road, was very poorly preserved, unlike the layer beneath the road in Trench 3.

No other cultivated plants or definite arable weeds were recorded from either trench to suggest that farming took place in the vicinity, although some of the open ground taxa can be associated with crops, but this should be investigated further in the future analysis of larger samples.

5. RECOMMENDATIONS

Preservation of pollen and plant macrofossils varies suggesting that except for the base of the sequences drying out of the deposits has taken place from time to time. However, preservation is adequate for further analysis on selected contexts as detailed below. Apart from a few samples from the Roman fort at Woodbury, only one of which produced a good assemblage (Letts, pers. comm.), there has been no archaeobotanical work in east Devon and the Yarty floodplain sequence provides a useful opportunity to remedy this. Pollen and plant macrofossil analysis should be able to place the Roman road in its environmental setting and the pollen analysis will also provide information relevant to the development of the Roman fort to the east.

Pollen:

Trench 3: further analysis is recommended for context 565 (5 samples) and the basal 10cms of context 566 (5 samples).

Trench 6: further analysis is recommended for the basal 30cms of context 564 (8 samples) and from the basal 10cms of context 566 (5 samples).

Pollen is too poorly preserved and sparse from the other levels for further analysis to be worthwhile.

Time required: 28 days.

Plant macrofossils:

Trench 3: further analysis on the basal 20cms of context 566 (2 samples).

Trench 6: further analysis on the basal 30cms of the sequence (3 samples from contexts 565 and 566).

Preservation in other levels does not justify further analysis.

Time required: 16 days

TOTAL 9 WEEKS

A bulk sample containing twigs and other plant macrofossils from the base of Trench 6 (context 566) was collected with a view to obtaining a radiocarbon date. As no other dating information is available, it would be worthwhile to submit the wood from the sample for a radiocarbon date.

REFERENCES

Moore, P.D., Webb, J.A. and Collinson, M.E. 1991 Pollen Analysis. Oxford.

ACKNOWLEDGEMEN'IS

I would like to thank Stephen Reed for site details and assistance with the sampling and Elaine Jewkes for laboratory assistance.

TABLE 1 YARTY FLOODPLAIN, AXMINSTER: ASSESSMENT OF POTENTIAL FOR POLLEN ANALYSIS

	- 1				[
TRENCH 3					<u> </u>	
Depths from top of tin (m)	0-0.1	0.17- 0.18	0.35- 0.36	0.41- 0.42	0.48- 0.49	
	_					
TREES AND SHRUBS	_					
Alnus	2	Т		9	8	
Quercus	1	0	1	3	3	
Corylus	3	0	2	5	2	
Сурегасеае	3	S	3			
Gramineae	58	P	9	57	14	
		A				
Ericales	2	R				
		S				
HERBS		Е				
Caryphyllaceae	1					
Chenopodiaceae	2	Т				
Compositae Liguliflorae	20	0	1	4		
Compositae Tubuliflorae	5			1		
Filipendula		С			1	
Plantago lanceolata		0	1	1	2	
Plantago undiff.	1	υ				
Rosa/Rubus		N		1		
Rumex	1	Т		1	3	
SPORES						
Filicales	5		2	5	8	
Pteridium	2		1	13	7	
Polypodium	3			2		
Total pollen	99		17	82	32	
Total spores	10		3	20	15	
No. of traverses	10	10	10	10	10	

TABLE 1 CONTINUED

<u></u>	T	1	T		T	7
TRENCH 6						
Depths from top of tin (m)	0-0.1	0.09-0.1	0.12-0.13	0.2-0.21	0.3-0.31	0.46- 0.47
Depths from top of section (m)	0-0.96	1.04- 1.05	1.07- 1.08	1.15- 1.16	1.25	1.26
						-
TREES AND SHRUBS						
Pinus		1		1		1
Alnus	2	10	17	48	8	34
Betula		1	3			
Quercus		1	1	2	8	3
Tilia					2	
Fraxinus						1
Salix						1
Corylus		2	2		10	12
Hedera						1
Cyperaceae			4	13	7	5
Gramineae		10	7	17	19	15
Ericales				1		
HERBS						
Chenopodiceae				2	1	
Centaurea nigra type				1		
Compositae Liguliflorae		2	2	4	1	
Compositae Tubuliflorae		1	2	3		1
Leguminosae		}				1
Plantago lanceolata				4		
P. major/media					1	
Plantago undiff.				5	1	1
Rosa/Rubus				5		
Rosaceae						1
Rubiaceae			1			
Rumex		1		4	6	1
SPORES						
Filicales		6	11	6	4	3
Pteridium		7	16	22	20	18

TABLE 1 Continued

TABLE I Continued						
TRENCH 6 contd	0-0.01	0.09-0.1	0.12-0.13	0.2-0.21	0.3-0.31	0.46-0.47
Polypodium			1	2	2	8
Total pollen	2	29	39	110	64	78
Total spores	0	13	28	30	26	29
No. of traverses	10	10	10	10	10	10
Depths from top of tin (m)	0.55-0.56	0.65-0.66	0.75-0.76	0.82-0.83	0.89-0.90	
Depths from top of section (m)	1.5-1.51	1.6-1.61	1.7-1.71	1.77-1.78	1.84-1.85	
TREES AND SHRUBS						
Alnus	1	N	N	38	28	
Quercus		0	0	2	2	
Tilia		P	P		3	
Corylus	1	0	0	5	10	
Hedera		L	L	<u> </u>	1	
Cyperaceae	1	L	L	2	2	
Gramineae		E	Е	22	32	
Ericales		N	N		1	
HERBS						
Caryophyliaceae					2	
Compositae Liguliflorae				1	4	
Filipendula					1	
Leguminosae					1	
Plantago undiff.					3	
SPORES		·				
Filicales				4	8	
Pteridium				14	30	
Polypodium				13	8	
Total pollen	3	0	0	70	90	
Total spores	0	0	0	31	46	
No. of traverses	10	10	10	10	10	
	<u> </u>					l

TABLE 1 continued

KEY	
	<u> </u>
TREES AND SHRUBS	
Pinus	pine
Alnus	alder
. Betula	birch
Quercus	oak
Tilia	lime
Fraxinus	ash
Salix	willow
Corylus	hazel
Hedera	ivy
Cyperaceae	sedge family
Gramineae	grass family
,	
Ericales	ling
HERBS	
Caryophyllaceae	campion family
Centaurea nigra type	knapweed type
Chenopodiaceae	goosefoot family
Compositae Liguliflorae	
Compositae Tubuliflorae	
Filipendula	meadowsweet
Leguminosae	pea, clover etc family
Plantago lanceolata	ribwort plantain
Plantago undiff.	plantain
Rosa/Rubus	rose/blackbetty/raspberry
Rumex	sorrel
SPORES	
Filicales	ferns
Pteridium	bracken
Polypodium	polypody

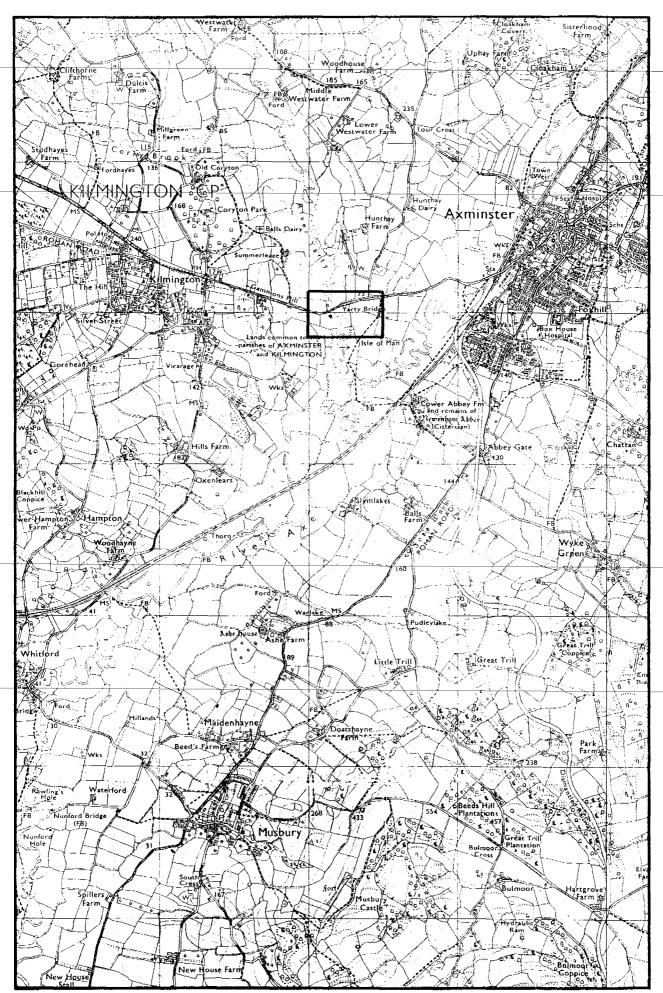
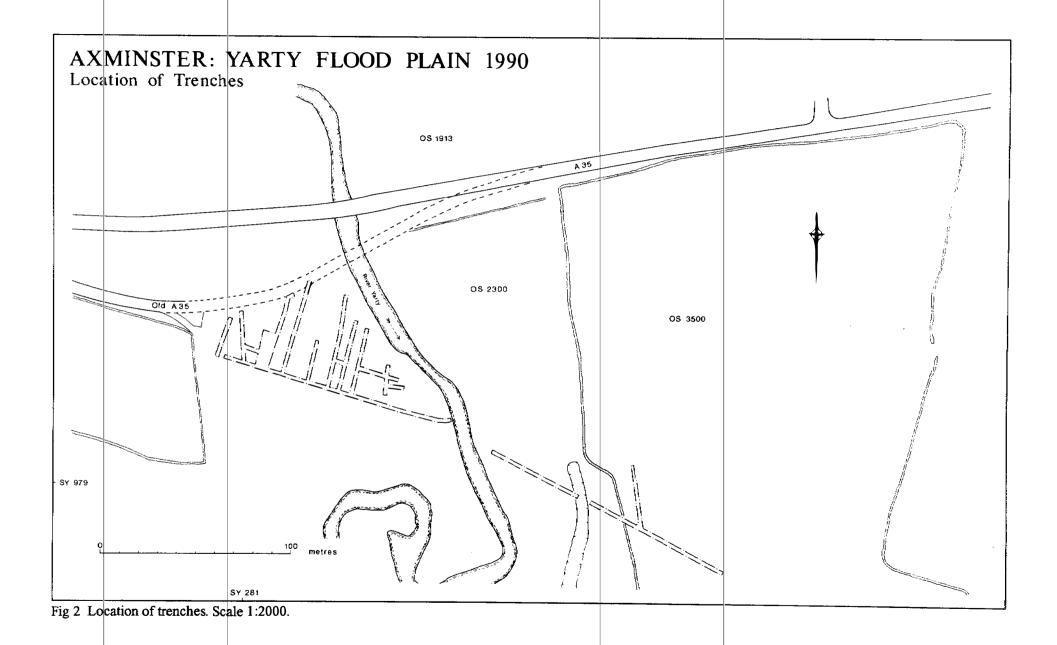


Fig 1 Location of site. Scale 1:25000.



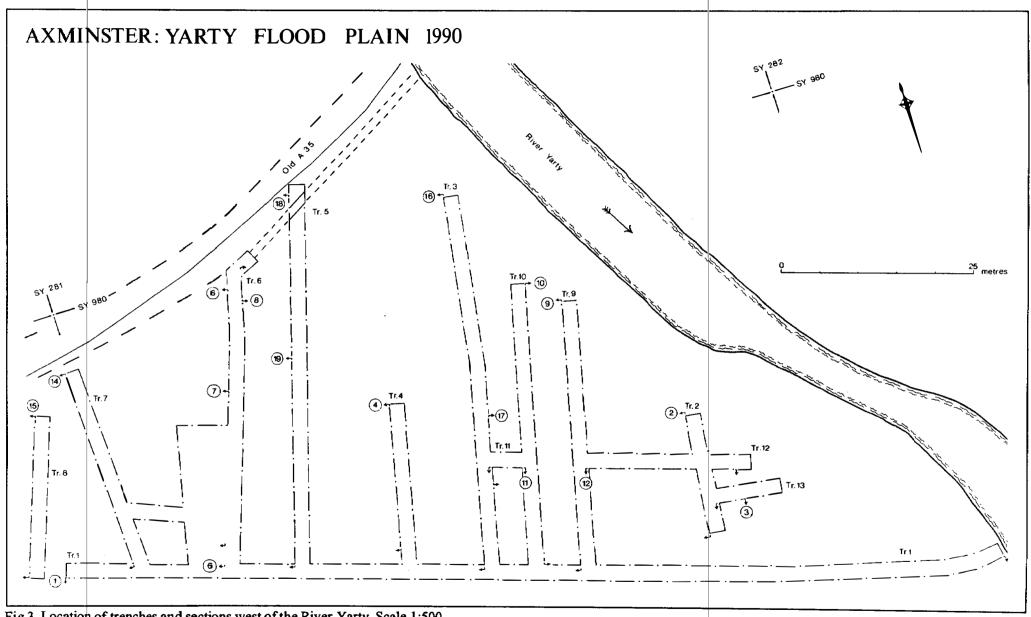
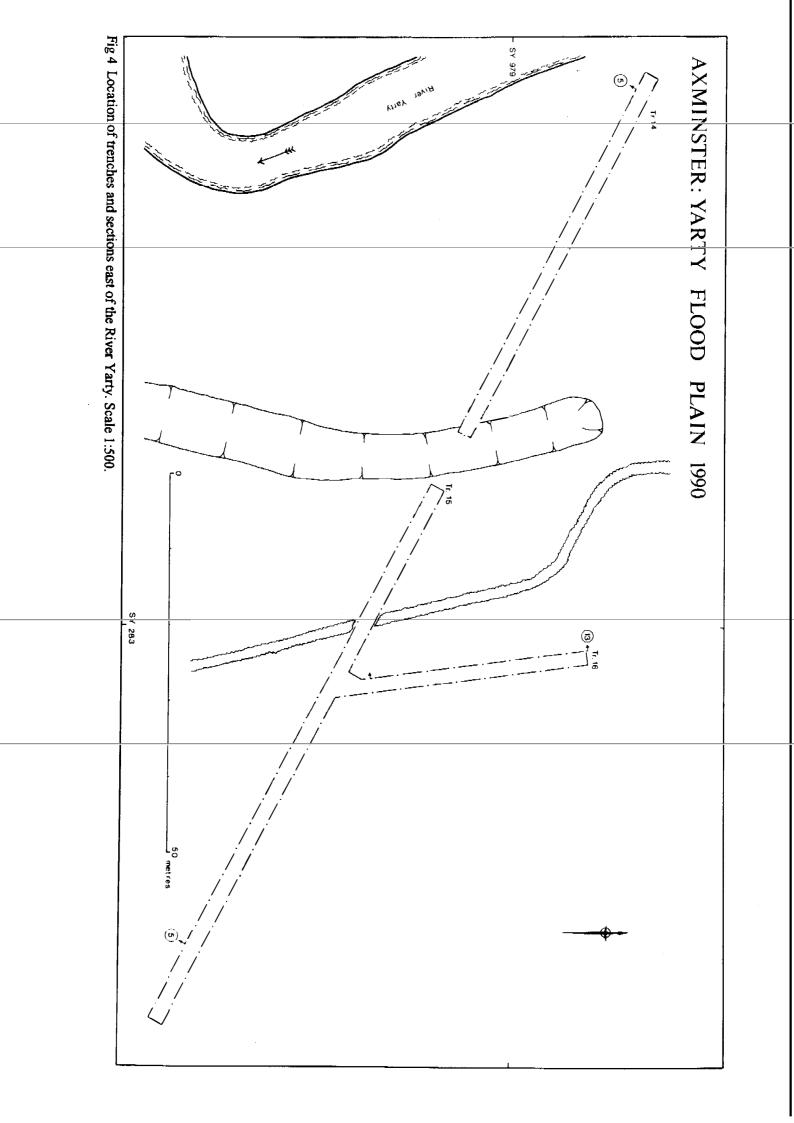


Fig 3 Location of trenches and sections west of the River Yarty. Scale 1:500.



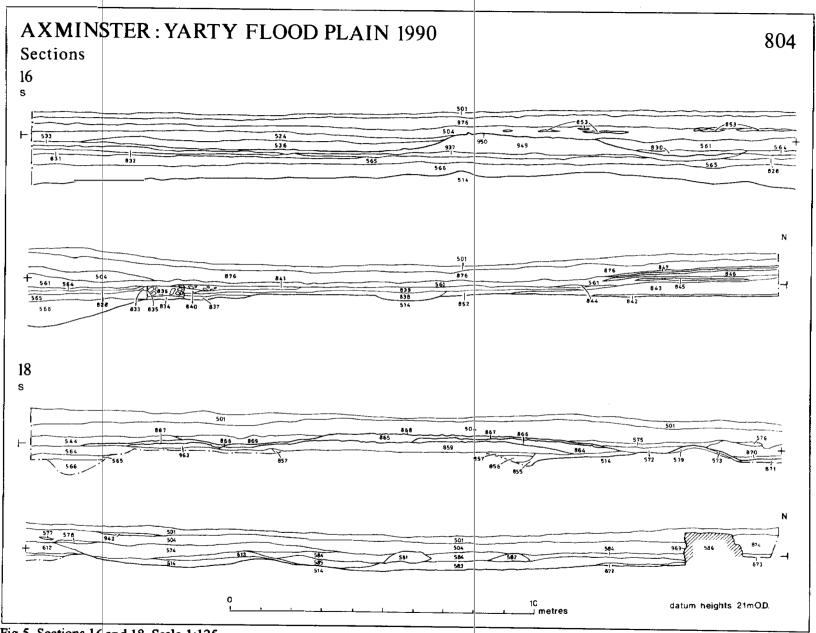


Fig 5 Sections 16 and 18. Scale 1:125.

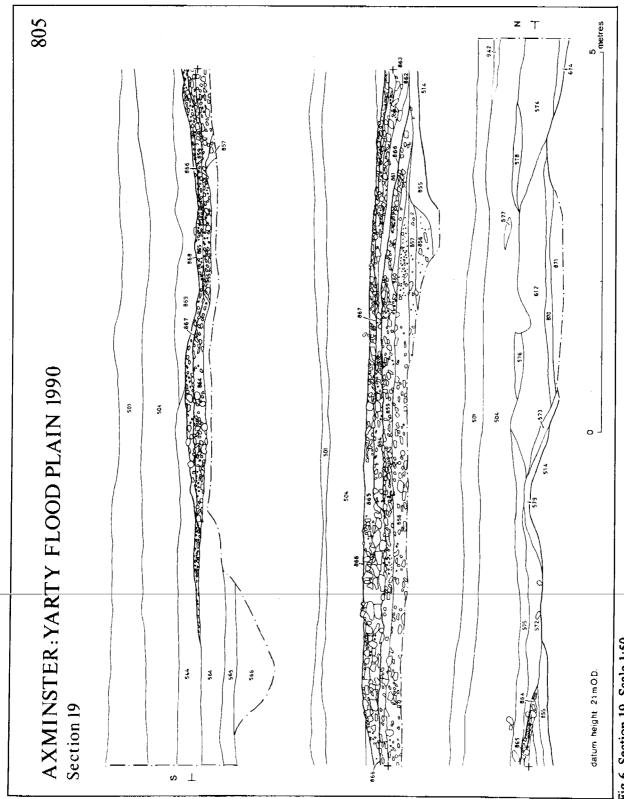
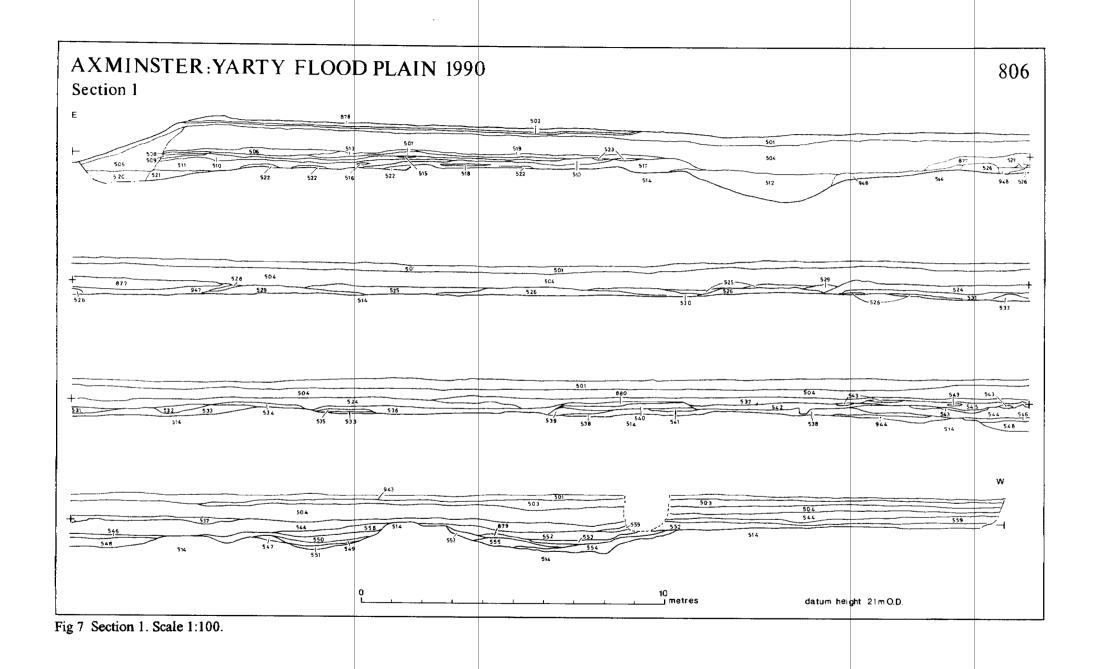


Fig 6 Section 19. Scale 1:50.



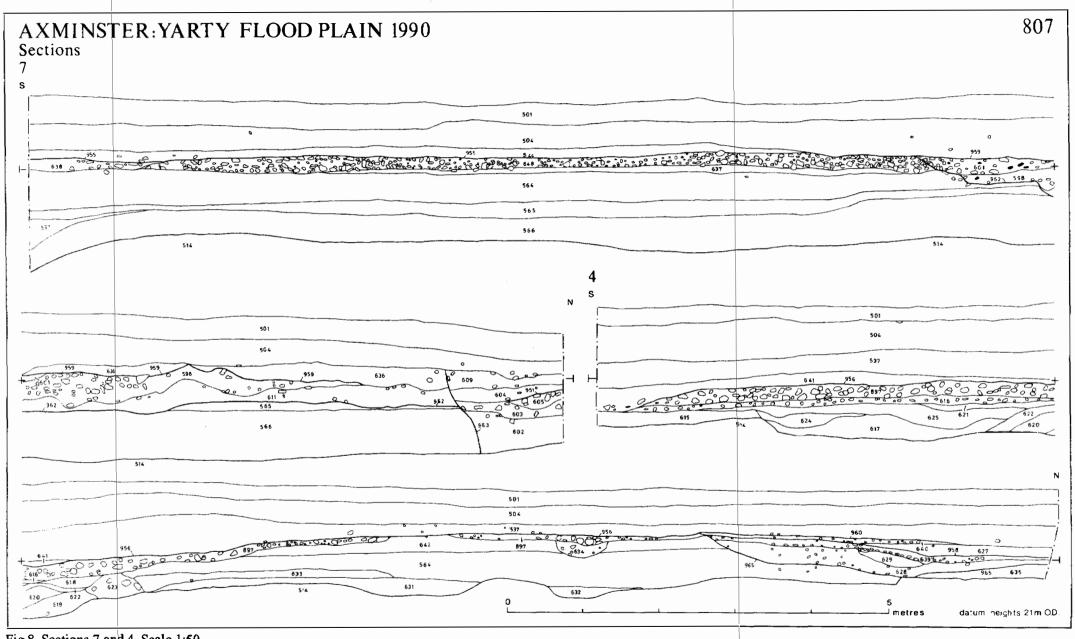


Fig 8 Sections 7 and 4. Scale 1:50.

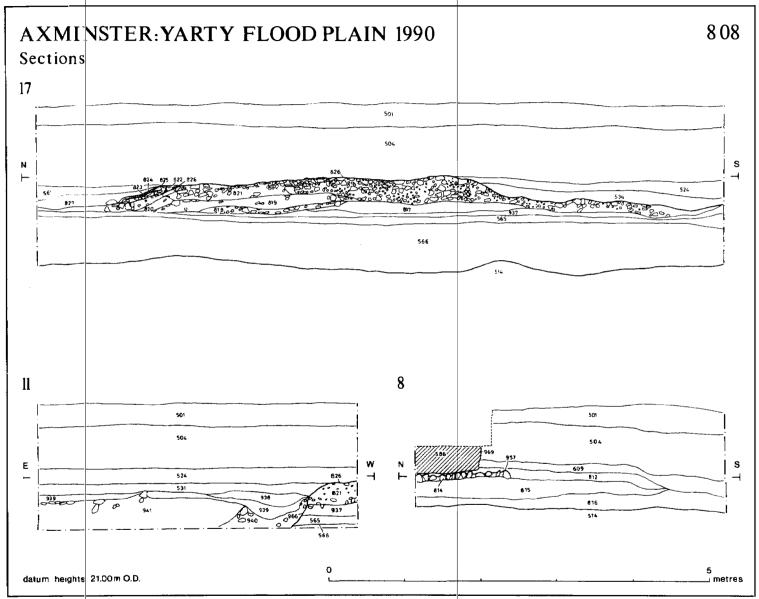
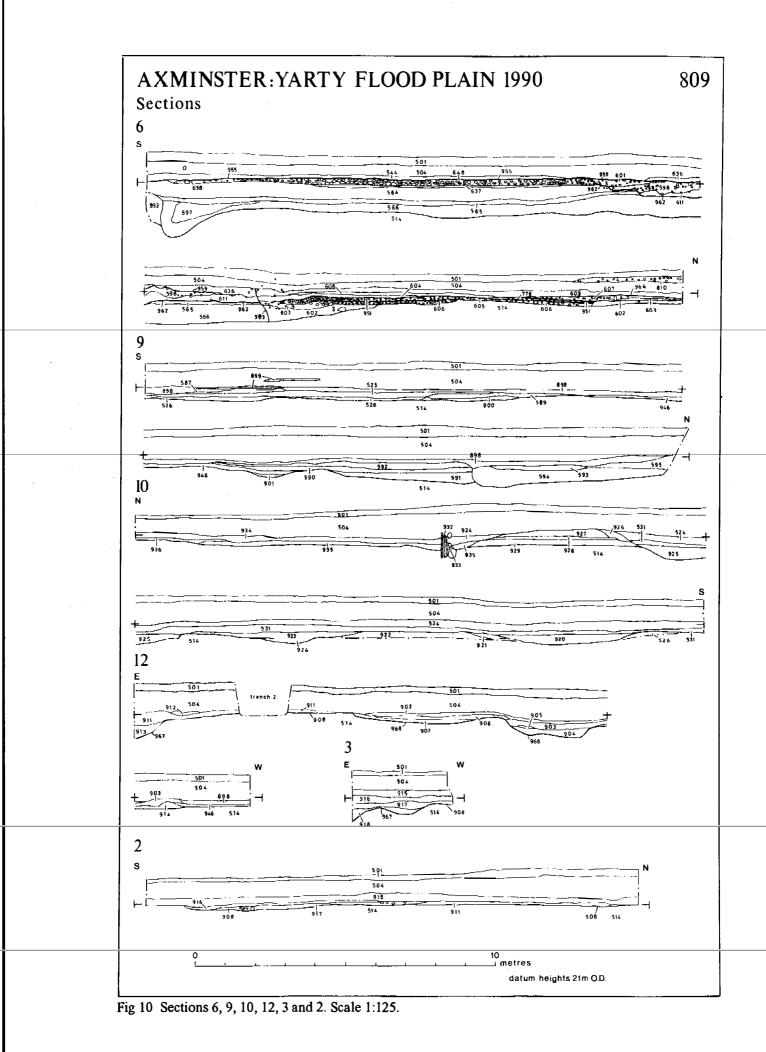
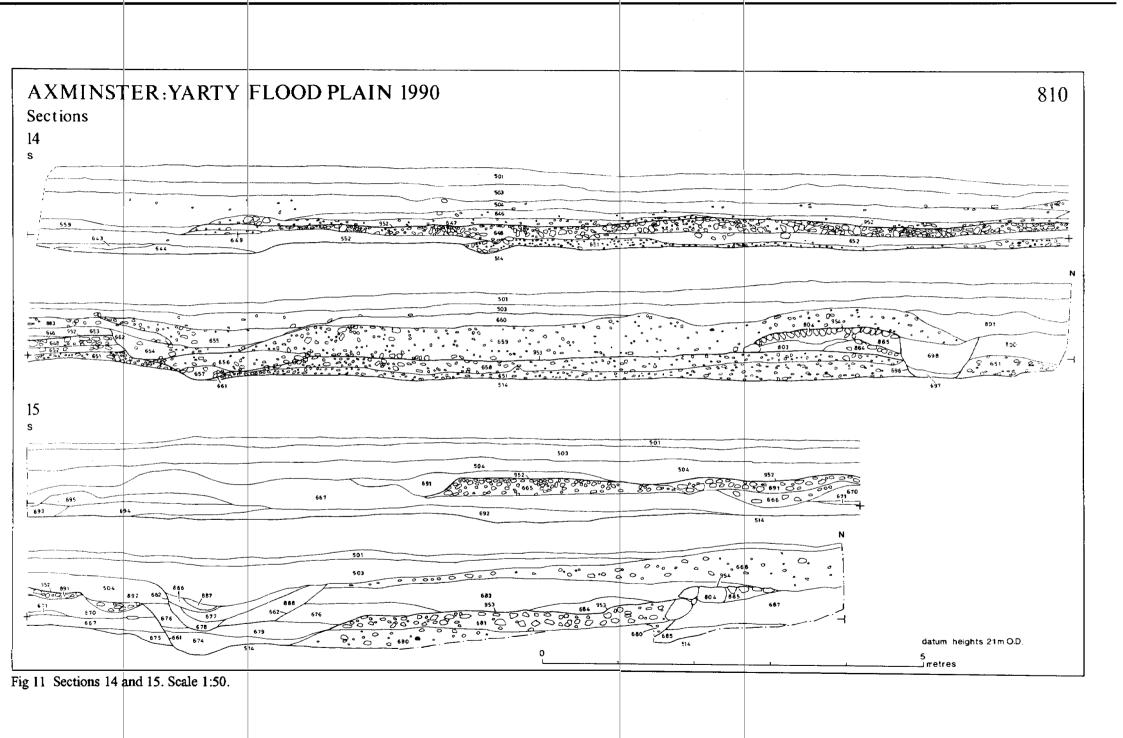


Fig 9 Sections 17, 11 and 8. Scale 1:50.





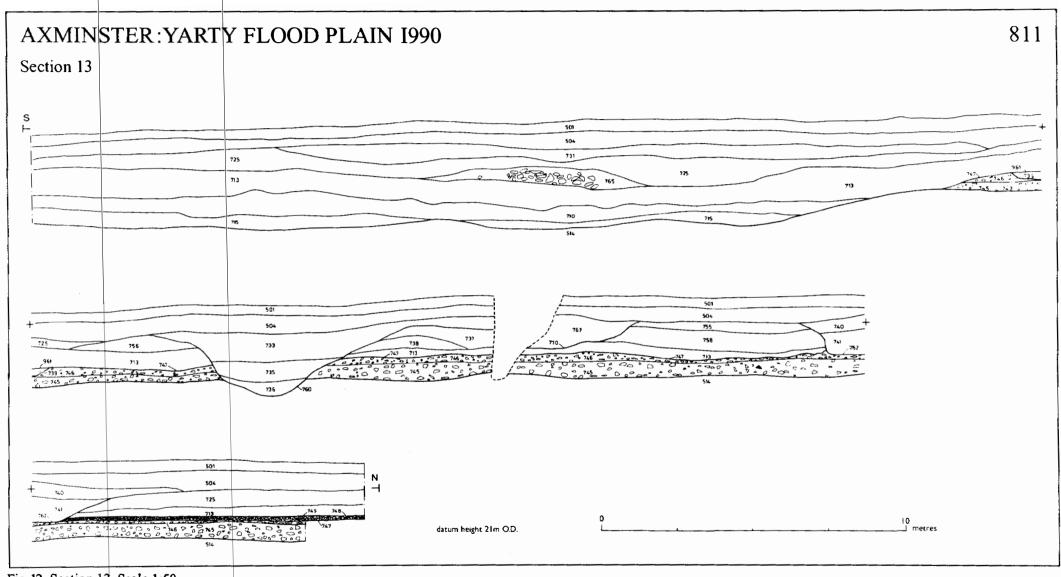
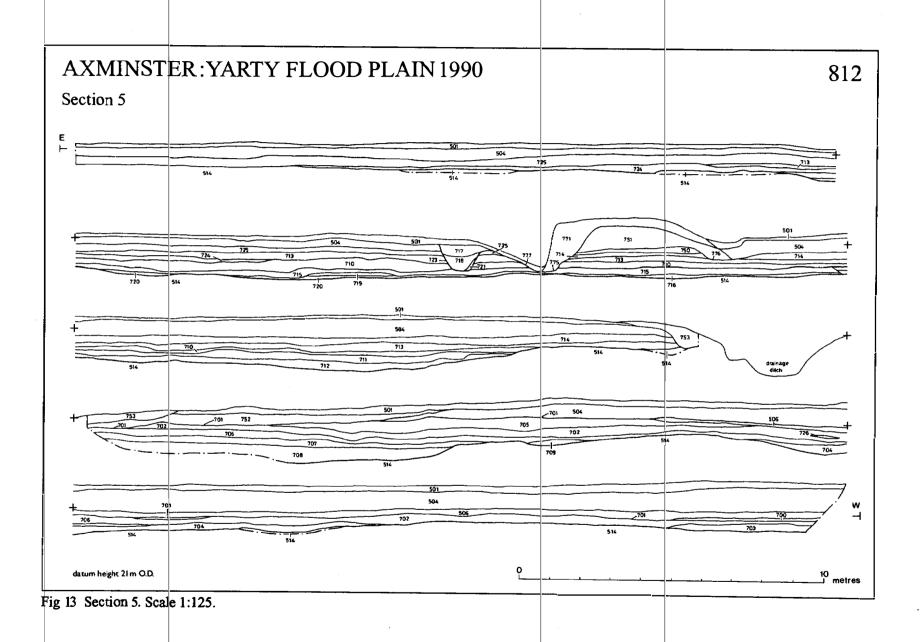


Fig 12 Section 13. Scale 1:50.



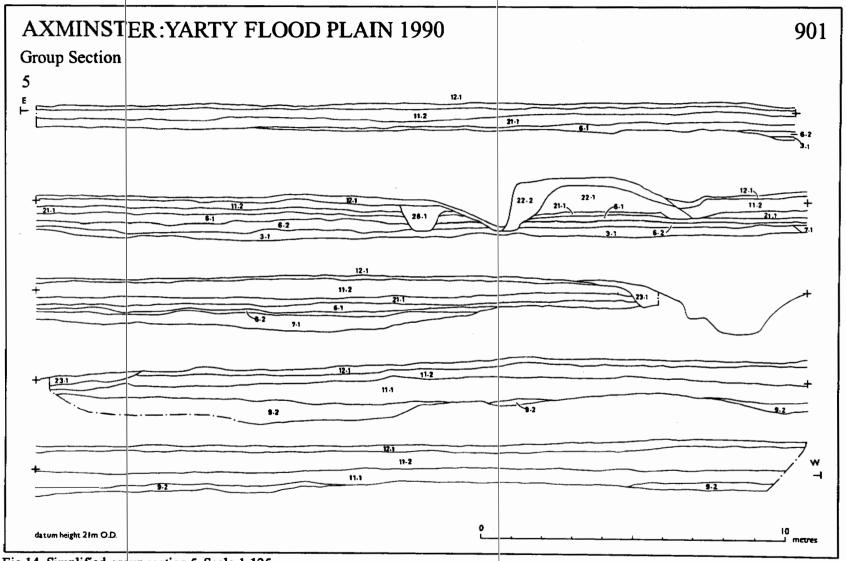


Fig 14 Simplified group section 5. Scale 1:125.

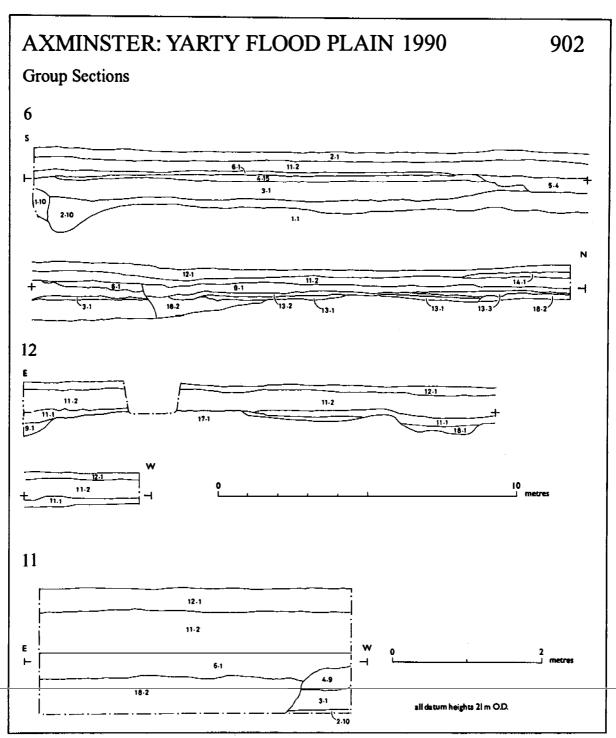


Fig 15 Simplified group sections 6,12 and 11. Scale 1:50.

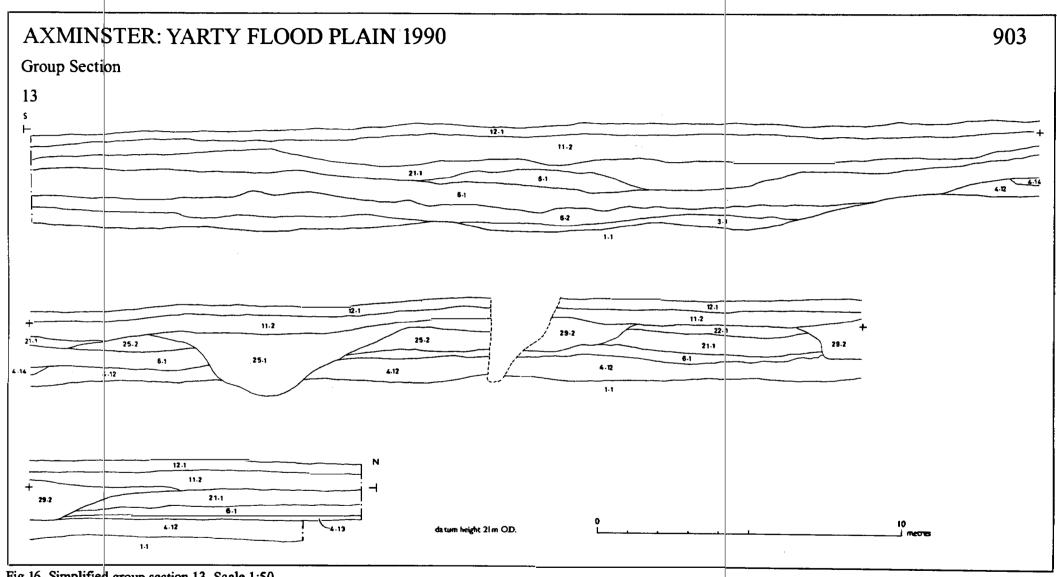


Fig 16 Simplified group section 13. Scale 1:50.

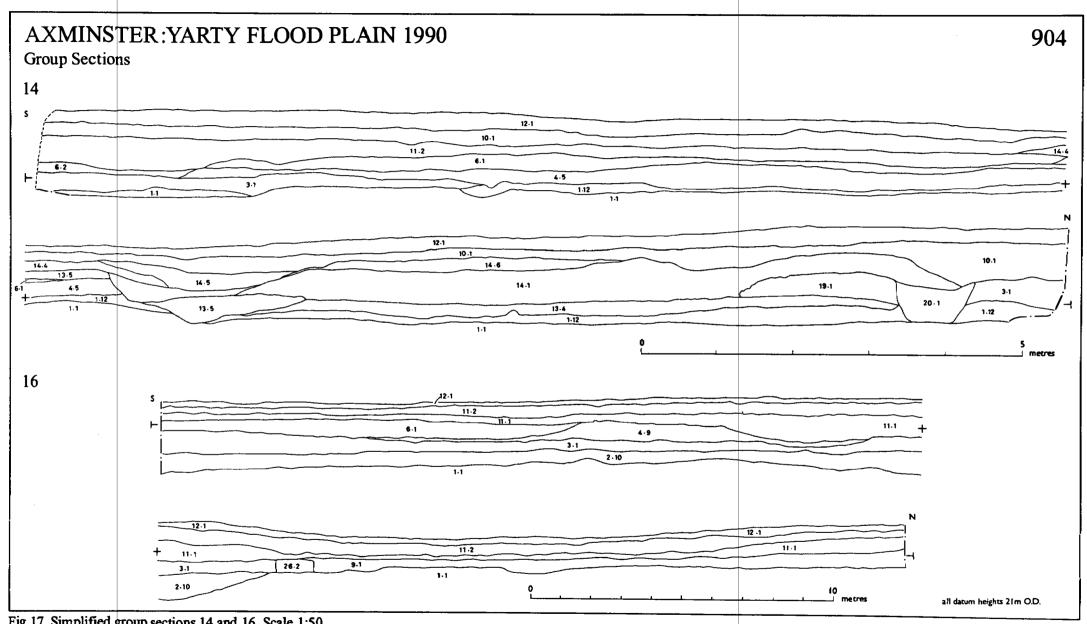
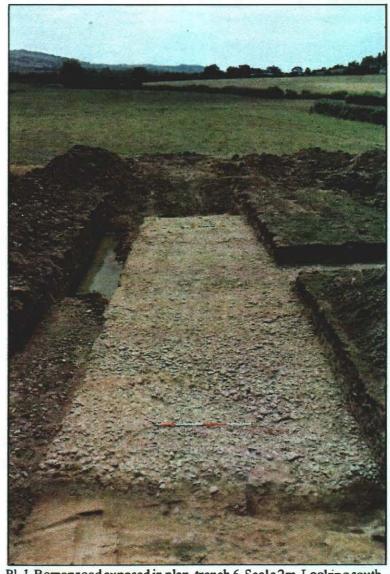


Fig 17 Simplified group sections 14 and 16. Scale 1:50.

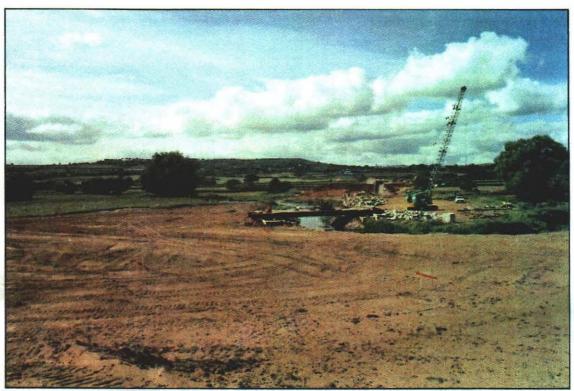


Pl. 1 Roman road exposed in plan, trench 6. Scale 2m. Looking south.





Pl. 3 Roman road exposed in section, trench 16. Scale 2m. Looking north-west.



Pl. 4 Construction work in Yarty flood plain, the River Yarty is in the foreground. Looking west