

M3/15



LINDSEY ARCHAEOLOGICAL SERVICES

**A158/C541 Coastal Access Route  
A16 & A158 Partney Bypass  
Planning Application: S/36/41/165  
NGR: TF4095 6900-4050 7950- 4235 6810  
Site Code: PTN 02  
LCNCC Museum Accession No.: 2002.433**

**Archaeological Evaluation  
Volume 1: The Report**

for  
**Babtie Group**

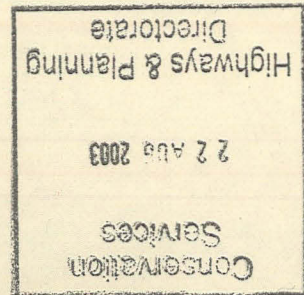
on behalf of  
**Lincolnshire County Council**



**Lincolnshire**  
-IN PARTNERSHIP-  
**Babtie**



by  
**M. McDaid**



**LAS Report No. 649  
April 2003**

25 WEST PARADE · LINCOLN · LN1 1NW  
TELEPHONE 01522 544554 · FACSIMILE 01522 522211 · EMAIL las@linarch.co.uk

Lindsey Archaeological Services LLP Registered in England and Wales No. OC304247  
Registered address 25 West Parade · Lincoln · LN1 1NW

VAT Registration No. 819 8029 41



EVENTS LI 4251 LI 4254 SOURCES LI 8786 LI 8787

PRN 44821 - UNDATED, 44822 - UNDATED, 44825 - MEDIEVAL, 44826 - UNDATED

44827 - UNDATED 44829 - PREHISTORIC 44830 - UNDATED, 44831 - PREHISTORIC

44832 - ROMAN 44833 - PREHISTORIC **Volume 1** 44834 - ROMAN 44835 - MEDIEVAL

44852 - MEDIEVAL 44853 - POST MEDIEVAL **The Report** 44854 - MEDIEVAL 44855 - MEDIEVAL

**Contents**

Summary 44901 - PREHISTORIC 45054 - PREHISTORIC 1

Introduction 45055 - ROMAN 2

Site Location and Description 2

Planning Background 2

Archaeological Background 2

Aims and Objectives 3

Method 4

Results 4

Area A Trenches 5-6 4

Area B Trenches 7-12 5

Area C Trenches 13-15; 45-48 7

Area D Trench 16 9

Area E Trenches 17-18 9

Area F Trenches 19-22 9

Area G Trenches 23-25 10

Area H Trench 26 and Boreholes 1-5 11

Area I Trenches 27-28 12

Area J Trenches 29-35 13

Area K Trenches 36-41 15

Area L Trenches 42-44 17

Area M Trenches 49-57 17

Discussion 19

Statement of Potential 22

Mitigation 22

Acknowledgements 23

References 24

Contents of Site Archive 24

Appendix 1: The Botanical Assessment by Dr Jane Richardson

Appendix 2: Worked and modified Lithic Materials by Jim Rylatt

Appendix 3: The Prehistoric Pottery Archive List by Barbara Precious

Appendix 4: The Roman Pottery Archive List by Barbara Precious

Appendix 5: The Post-Roman Pottery Archive List by Jane Young

Appendix 6: The Tile Archive List by Jane Young

Appendix 7: The Radiocarbon date Beta Analytical

Appendix 8: The Context Summary

Appendix 9: The Matrices



**Volume 2**  
**The Illustrations**

**Contents**

**List of Figures**

**List of Plates**

**The Figures**

**The Plates**



**A158/C541 Coastal Access Route  
A16 & A158 Partney Bypass  
Archaeological Evaluation Trenching**

NGR: TF4095 6900-4050 7950- 4235 6810

Planning Application: S/36/41/165

**Summary**

*A total of 53 trial trenches and 5 hand augered boreholes were opened along the route of the proposed bypass and adjoining areas. Area A to the north west of Partney could only partially be investigated because access to the land was unavailable. Trenches 5 and 6 contained ditches devoid of dating evidence. Area B, close to the badger setts, had Bronze Age enclosure ditches whilst Area C contained at least 12 human burials along with associated ditches. Areas D and E were within a flood plain and contained only undated features. Area F contained post-medieval pits and ditches. Areas G and H, within the flood plain of the River Lymn, revealed evidence of former river tributaries. A pit was also noted in Area G. Areas I and J contained a Roman ditched enclosure system with environmental survival. To the east, Area K contained medieval ridge and furrow whilst Area L was devoid of archaeology. Area M, to the north of Area B, had a multi-phase ditch system dating to the Roman period. Environmental samples from these ditches indicated the presence of crop processing nearby.*

*The evaluation for the Partney bypass uncovered six distinct areas of archaeological activity along the route of which the most important are undoubtedly the Bronze Age complex (Area B), the early Christian cemetery (Area C) and the Romano-British field system (Area M). The Romano-British field system recorded in Area J is of interest but is not of the same rank as at Area M although further excavation may reveal additional dating evidence for the phases of the system. The Romano-British field system recorded in Area M is potentially of far greater interest with better evidence for crop processing and a hint at the presence of an important building close by but beyond the area affected by the proposed badger setts. Careful positioning of the setts should, however, minimise damage to the Roman features.*

*The Bronze Age complex is a rare discovery in the county, and would repay more extensive open area investigation as the limited investigations to date have been unable to define its function. As a minimum it is recommended that the large boundary ditch which runs west-east north of Trench 8 is a priority. The curvilinear ditch clipped by Trench 11 and the feature recorded in Trench 10 might be other targets for investigation.*

*The cemetery in Area C may be linked either to the lost site of the pre-conquest monastery at Partney or the post-conquest chapel of ease, or both. More extensive open area excavation will be required to establish their status since burials do not show up on geophysical survey and their full extent is unknown, nor would any associated timber structure, such as a church/chapel.*



## Introduction

Lindsey Archaeological Services was commissioned by the Babtie Group to undertake an archaeological evaluation at the above site on behalf of Lincolnshire County Council, in accordance with the requirements of the Archaeological Section of Lincolnshire County Council in the brief dated August 2002. The work was carried out in accordance with the guidance from *Archaeology and Planning* (PPG16), Department of the Environment, 1990; *Management of Archaeological Projects*, English Heritage (1991); *Standard and Guidance for Archaeological Field Evaluations*, Institute for Field Archaeologists (1993, revised 1999). Evaluation work and additional trenching took place between October 2<sup>nd</sup> and November 18<sup>th</sup> 2002. A watching brief to monitor the opening of fresh badger setts took place on December 17<sup>th</sup> 2002. Further trial trenching was carried out between January 27<sup>th</sup> and February 7<sup>th</sup> 2003.

## Site Location and Description

The village of Partney (Fig.1) is situated on a gravel hill, which overlooks the Lymn valley, on the southern edge of the Lincolnshire wolds (Fig. 1). The River Lymn joins the Steeping River just below Partney, which then empties into the Wash at Gibraltar Point. Two tributaries of the River Lymn cross the study area, one flowing west to east whilst the other follows the river valley, flowing south.

## Planning Background

The A158 is a busy route especially in summer months when it carries traffic to the coastal resorts. The current proposed scheme will by-pass the existing A16, commencing from a new roundabout in the south-west angle of the junction between the A16 and the A158. The route runs north-east by-passing Partney to the west, before rejoining the A16 north of the village. A second branch of the by-pass will run east from the existing A16 and join the existing A158 east of the village.

Nineteen sites or extended areas of cultural heritage interest were identified within the study area during the Desk based assessment for the Environmental Statement (Babtie 2002). Following selection of the preferred route geophysical surveys were carried out along a 40m wide corridor, based on a centreline of the preferred routes. Evaluation trenching of features identified along the route, prior to determination of the planning application, was requested by Lincolnshire County Council.

## Archaeological Background

The place-name Partney is derived from the Old English meaning 'Pearta's island of land'. This island is still identifiable and is situated in the flat bottomed valley of the River Lymn. Its position close to the southern end of the Lincolnshire chalk wolds is within an exceptionally rich part of the county with evidence for human activity dating back as far as the Mesolithic period. The wolds was a favoured



area in the Neolithic period, with the remains of over 60 long barrows and thousands of round barrows having been recorded. Flint scatters of all periods from the Mesolithic to the Bronze Age are common but little is known beyond the documenting of these sites as findspots. There has been little by way of systematic research on these sites. The work of Geoffrey Taylor in the 1950s and 1960s in the Lymn valley, mainly in the parishes of Salmonby and Somersby, has highlighted the importance of the area with discoveries of dense areas of occupation, Bronze Age barrows with unique grave goods and evidence of Iron Age and Saxon settlement remains. Archaeological monitoring on water pipelines north of Partney has revealed extensive flint scatter of Neolithic/Bronze/ Age date Bronze Age and Iron Age field systems, as well as evidence for Roman occupation which is ubiquitous (Coupland and Field 1993). Evidence for Bronze Age occupation was found on another water pipeline east of Ulceby Cross some 7.5km from Partney (Tann1993).

The Roman road which runs from Lincoln to the (then) important coastal settlement at Burgh le Marsh runs through Partney and there is a major Roman site, possibly a small town, at Ulceby Cross c. 6km north of Partney. Cropmark evidence indicates extensive cultivation and occupation of much of Lincolnshire and the wolds is no exception. The geophysical survey along the proposed route identified a field system in Area I and J, which are typical of those found elsewhere in the Wolds. Other enclosures and ditches identified along the route were less clearly of Romano-British date but those in Area B were tentatively identified as being of Iron Age/Romano-British date.

The first recorded reference to Partney is in Bede's *Ecclesiastical History of the English People* where he refers to two 7<sup>th</sup> century abbots at a monastery there. The monastery may have been destroyed during one of the Danish incursions into the county at the end of the 9<sup>th</sup> century. Little is known about this establishment except that it was probably linked to the more important site at Bardney. Its location is unknown but several alternative sites have been suggested. In a field east of the parish church are earthworks, which have been associated with the monastery but they are more akin to house platforms. To the west of the church and across the river are two field names 'monks close' and lower monks close' which have been said to be the site of the monastery. Stocker argues in his paper on the early church in Lincolnshire that these field names more likely represent land belonging to the monks rather than the site of the church itself and believes the monastic site to be located on top of the hill close to the existing parish church (Stocker 1993, 110). After the Norman conquest when land was granted to Bardney Abbey by Gilbert de Gant a church of St Nicholas (presumed to be the present parish church) and a chapel of St Mary are mentioned. Stocker suggests that it is located close to the Rectory, south of St Nicholas church, in an area formerly known as Chantry garth.

### **Aims and Objectives**

The purpose of the evaluation was to :-

- establish the presence or absence, quality and extent of archaeological remains and their location within the proposed bypass area.



- gather sufficient information to enable an assessment of the potential and significance of any archaeological remains to be made and the impact which development will have upon them.
- enable an informed decision to be made regarding the future treatment of any archaeological remains and consider any appropriate mitigatory measures either in advance of and/or during development.

### Method

A geophysical survey of the proposed bypass route was carried out prior to archaeological trenching taking place. Twelve areas of potential archaeological interest were identified for further investigation (Areas A-L (Fig. 2)). A thirteenth area, M, designated for the rehousing of the badgers located close to Area B, was investigated in February 2003 (Fig. 2).

The evaluation trenches were positioned using a 360° total station and satellite surveying equipment, according to the specification prepared by the Babbie Group (Babbie August 2002). Trenches were opened using a JCB with a toothless ditching bucket to expose the top of the first recognisable archaeological horizon. All machine excavation was supervised by an experienced archaeologist.

The trenches were hand-cleaned to reveal features in plan and carefully selected cross-sections through the features were excavated to enable sufficient information about form, development date and stratigraphic relationships to be recorded without prejudice to more extensive investigations should these prove to be necessary.

LAS operates a standard context recording system, developed by its staff over the past 20 years based on MOLAS and CAS models. A full written (single context) and photographic record was made of the site, include site plans at a scale of 1:20 and 1:50 and section drawings at 1:20. Archaeological features were assigned context numbers by LAS for recording purposes and relate to the Trench number. For example Trench 5 has context numbers starting at **500**, Trench 6 at **600** and so on. These context numbers are referred to in the following report text and illustrations (see Appendix 1 for full descriptions).

Seven temporary bench marks were set up on the site based on readings from spot heights on Hardings Lane (24.3m O.D.) and spot heights on the A158 (25.58m O.D.) and A16 (21.5m O.D. and 15.10m O.D.).

### Results

#### **Area A Trenches 1-5 TF 4103 6895** (Fig. 3, Pl. 1)

Area A was the most northerly area affected by the proposed bypass route. Geophysical survey had noted weak linear and curvilinear anomalies in two fields. It had originally been intended to excavate

6 trenches in this area but the field containing proposed trenches 1-4 was not available for investigation at the time of the evaluation programme of work. Trenches 5 and 6 to the east of Trenches 1-4 were located on set aside land which was stubble. Three sherds of medieval pottery were recovered from the ground surface.

#### Trench 5 (Fig. 3, Pl. 2)

The topsoil, **500**, was 0.30m deep and sealed a brown sand clay subsoil, **501** 0.08m in depth. A 0.07m thick layer of grey sand clay containing iron panning, **502**, lay beneath the subsoil. **502** sealed a 0.50m wide, 0.13m deep, ditch, **505** (Pl. 3), orientated east-west, which contained a compact grey clay, **504**. To the south-west of **505** was another ditch **507** (Pl. 3), this time aligned north-south. It was 1.10m wide and 0.50m deep. Its uppermost fill, **506**, was identical to that of **502** and contained six sherds of Toynton ware pottery. Below **506** was a light grey silt clay, **512**, which covered a brown yellow clay, **513**. The primary fill, **514**, was slumping of the natural, a brown yellow sand, **503**. A third ditch **509** was aligned south east-north west, had a flat base, a depth of 0.38m and a width of 0.75m (Pl. 4). It also had a compact grey clay fill, **508**, containing one sherd of Toynton ware pottery. A land drain, **510**, was also noted.

#### Trench 6 (Fig. 4, Pl. 5)

One feature was recorded in Trench 6, a ditch aligned north-west/south-east, **604** (Pl. 6), containing a mid to dark brown soft silt clay, **603**. This ditch was 1.80m wide and had shallow sloping sides, a concave base and was 0.50m deep.

#### **Area B Trenches 7-12 TF 4085 6874.** (Figs 4-8, Pls. 7 and 15)

Area B lay south of Area A. Geophysical survey identified a series of intercutting enclosure ditches, which were investigated by trenches 8-11. These lay east of a more substantial ditch investigated by Trench 7. Trench 12 was positioned beyond the limit of the geophysical survey in order to establish if further archaeological features were present.

A watching brief was carried out after the completion of work on Area B to monitor the destruction of badger tunnels before badger setts were established close to Trenches 7 and 8 (Pls. 194 and 195).

Trenches 7 and 8 were on arable land whilst Trenches 9 -12 were within a grass field. Topsoil (**700**, **800**, **900**, **1000**, **1100** and **1200**) had an average depth of 0.17m whilst the subsoil (**701**, **801**, **901**, **1001**, **1101** and **1201**) was up to 0.18m thick. The natural (**702**, **802**, **902/903**, **1002**, **1102** and **1202**) was a yellow sand containing iron pan. Few surface finds were noted in Area B which comprised 17 sherds of medieval tile and pottery were recovered together with 1 sherd of Roman pottery.

#### Trench 7 (Fig. 4, Pl. 8)

Animal activity, **703/705** (Pls. 9 and 10), was noted in the southern end of the trench. A depression, **706**, recorded as a substantial ditch on the geophysical survey, was found in the centre of the trench



(Pl. 11). It was 3.50m wide, had a very irregular base and was filled with material similar to the subsoil **701**, but not as compact. No finds were recovered to date the feature.

#### Trench 8 (Fig. 5, Pl. 12)

Two ditches, **803** and **805** (Pl. 13) converged at the centre of the trench, as indicated in the geophysical survey. Due to the similarity of their brown silt sand fills **804** and **806**, it was not possible to determine which ditch was the later of the two. **804** produced one sherd of prehistoric, possibly Iron Age, pottery and one sherd of Roman pottery. At the western end of the trench was a possible gully, **807** (Pl. 14), 0.60m wide and 0.60m deep. It had slightly irregular and ill-defined edges and was filled by material similar to the subsoil, **808**.

#### Trench 9 (Fig. 6, Pl. 16)

Trench 9 was supposed to link up with Trench 8 but had to be dug as a separate trench because of an intervening hedge. At the north end of the trench was ditch **904**, aligned north-west/south-east, which had steeply sloping sides and a flat base. It was 0.70m wide and 0.30m deep and contained a single fill of compact brown silt sand, **905** (Pl. 17). Immediately north of **904** was pit **910** (Pl. 17). It was at least 0.56m deep, had an uneven base and produced one sherd of Bronze Age pottery from its fill **911**. The relationship between **904** and **910** could not be ascertained due to the similarities of the two fills but pit **910** may have been cut by **904**. Two areas of natural disturbance, **906** (Pl. 18) and **908** were also observed.

#### Trench 10 (Fig. 6, Pl. 19)

Two very large ditches were noted in the southern end of this trench, as indicated on the geophysical survey. Ditch **1003** (Pl. 20) had steeply sloping sides and a slightly concave base. Its upper fill **1004** was a dark brown clay sand, possibly the remains of a former topsoil. Below **1004** was a dirty yellow brown clay sand, **1005**, which contained three pieces of possible Bronze Age pottery. Primary fill **1007** was a brown grey clay sand which contained wood, charcoal and uncharred plant remains as well as animal bone and two more sherds of Bronze Age pottery. Ditch **1003** was a recut of an earlier ditch, **1011** (Pl. 20), which still partially survived to the north. This ditch had two fills, a brown sand clay, **1006**, and a grey brown sand clay, **1008**, which also contained prehistoric pottery. To the south of **1003** was a shallow pit, **1009** (Pl. 21), only partially exposed within the trench. It contained a brown sand clay, **1010** which produced no finds.

#### Trench 11 (Fig. 7, Pl. 22)

Trench 11 measured 5m x 10m. In the northern corner of this trench was an irregularly shaped feature, **1103** (Pl. 23), with erratic edges, interpreted as a tree bole. It contained a charcoal-rich fill, **1104**, which suggested that the tree stump had been deliberately burnt out. An oval-shaped pit, **1107** (Pl. 24), filled by a mid to dark brown silt clay sand, **1108**, which yielded one sherd of prehistoric pottery, possibly Iron Age in date. It cut a north-south aligned ditch, **1105/1111/1113** (Pl. 25), which turned east-west at the western end of the trench. Ditch **1105/1111/1113** had gently sloping sides and



a concave base. It contained a mid to dark brown silt sand fill, **1106/1112/1114**, from which one sherd of pottery of possible Iron Age date was found. A scoop **1115** (Pl. 26), coinciding with the continuation of a geophysical linear anomaly present within Trench 10, **1003**, was seen at the north-west end of the trench. Its profile was very similar to that of **1105/1111/1113** but its fill was a brown silt sand, **1116**. A small north-south orientated gully, **1109**, 0.30m wide, was cut by **1103**. A very poorly defined feature, **1117**, was also recorded in Trench 11. This could be the terminus of a north-east/south-west linear anomaly recorded by the geophysical survey.

#### Trench 12 (Fig. 8, Pl. 27)

No archaeological features were found in this trench.

#### **Area C Trenches 13-15 and 45-48 TF 4077 6835.** (Figs. 8-10 and 31-32, Pl. 28)

Area C, was mid-way along the proposed A16 detour and was located on a rise in the land above the floodplain. The land was stubble set aside at the time of the evaluation. Topsoil for this area, **1300**, **1400** and **1500** was generally 0.20m deep. The subsoil, **1301**, **1401** and **1501**, was 0.35m deep in places. No surface finds were retrieved from this area.

#### Trench 13 (Fig. 8, Pl. 29)

Trench 13 was positioned over a linear anomaly picked up during the geophysical survey. This proved to be a large boundary ditch **1303** c.2.5m wide and 0.85m deep, with well-defined edges (Pl. 30). Its upper fill was a grey brown silt containing charcoal flecks, **1304**, which contained a late Neolithic/Bronze Age struck flint flake, 2 sherds of Roman pottery, 4 sherds of medieval pottery and a single piece of tile, whilst the lower fill was a grey brown silt sand, **1305**. To the north was a shallower ditch, **1306** (Pl. 31), on the same alignment and possibly a replacement for **1303**. It contained a grey brown silt, **1307**. A flat-based gully with vertical sides, **1308** was to the north of **1306** (Pl. 31). It contained a very compact brown silt sand, **1309**, which yielded no finds. This appeared to be another boundary.

#### Trench 14 (Fig. 9, Pl. 32)

At the northern end of this trench was an east-west aligned ditch, **1403** (Pl. 33), 3.25m wide and 0.73m deep. It was filled with a brown silt sand, **1404**, which contained no finds. To the south was another, shallower, ditch, **1405** (Pl. 34), on the same alignment. It too produced no finds from its brown silt sand fill, **1406**. These ditches coincided with the linear anomalies recorded on the geophysical survey.

3m south of ditch **1405** was a grave, **1415**, aligned east-west. Partial excavation of the brown silt sand clay fill, **1417**, exposed human foot bones, **1416**, 0.10m below the level of the grave cut. More burials, **1412**, **1407** and **1409** lay to the south. All had fills identical to **1417** (**1414**, **1408** and **1411**). Environmental samples from burial **1412** proved negative. The exposed human remains (**1413**, **1418** and **1410**) were all lower legs or feet, suggesting these particular graves were in a row. Grave **1407**



was of note because it was almost 0.50m deeper than the other graves, suggesting more than one phase of interment may have occurred.

Trench 14 was extended by 5m x 5m, at the request of the Senior Built Environment Officer, to expose the complete skeleton of **1410**. The extension resulted in five more well-defined burials, **1420**, **1422**, **1424**, **1426**, and **1428**, being revealed. **1420** was smaller in size than the other graves suggesting a child burial. Three more possible graves, **1430**, **1432** and **1434**, were recorded but their cuts were too ill-defined to positively identify. Machining of the extension also revealed human leg bones, **1419**, directly beneath the topsoil (0.27m below ground surface). The bones appeared to be *in situ* and were orientated approximately east-west but no grave cut was visible. This indicates that human remains are present at three different levels, some partially truncated by ploughing. The leg bones from burial **1410** were submitted for radiocarbon dating (see Appendix 7). A date of AD 1200, calibrated AD1030-1280 (to two standard deviations) was obtained (Lab. sample no.-Beta-175327).

#### Trench 15 (Fig. 10, Pl. 40)

Trench 15 was located on the slope of the hill south of Trench 14. A north-east/south-west aligned ditch, **1503** (Pl. 41), was recorded at the south end of the trench. It projected c.4.5m into the trench, was 0.75m wide, with a bulbous terminal 1.80m wide and was 0.50m deep. It had a rounded base and vertical sides. A piece of post medieval brick and fired clay were retrieved from its brown sand silt fill, **1504**, together with 9 sherds of medieval pottery and a residual struck flint flake. To the south of **1503** was an oblong pit, **1509** (Pl. 41). It was 1.80m long, 0.50m wide and had a surviving depth of 0.01m. Given that Trench 14 contained graves feature **1509** might also be the remains of a burial. Its fill, **1510**, a brown sand silt, produced one piece of pottery dated to the 12th -15th century indicating it is not contemporary with the graves. A discolouration in the natural, **1506**, was investigated but proved to be of no archaeological interest. A land drain, **1507** (Pl. 41), was also noted in the trench.

After the discovery of human remains in Trench 14 the excavation of four additional trenches was requested in by the Senior Built Environment Officer in this area. These trenches were located to the east and north east of Trench 14 and measured 10m x 5m.

#### Trench 45 (Fig. 31, Pl. 148)

One ditch, **4503** (Pl. 149), aligned north-east/south-west, was recorded in this trench. No artefacts were recovered from its fill **4504**, a brown silt sand.

#### Trench 46 (Fig. 31, Pl. 150)

No archaeological features were noted in this trench.

#### Trench 47 (Fig.32, Pl.151)

Two east-west ditches, **4703** and **4705** (Pl. 152), were recorded at the northern end of this trench. Both had identical fills, **4704** and **4705**, a brown silt sand. Ditch **4703** was the southernmost of the two

and had gently sloping sides and a concave base. Ditch **4705** was only partially exposed within the trench and as such only a partial profile was revealed. Neither ditch produced any finds.

#### Trench 48 (Fig. 32, Pl. 153)

Trench 48 was positioned to the east of Trench 14. Ditch **1403**, which possibly defines the boundary of the cemetery, continued into this trench where it was recorded as **4807** (Pl. 156). Gully, **1405** also continued into this trench where it was recorded as **4803** (Pl. 154). Additional slots were placed through these features in an attempt to retrieve artefacts for dating purposes. Unfortunately none was recovered. An oval pit, **4809** (Pl. 157), was also noted whose fill, **4810**, was identical in colour and texture to that of ditch **4807**. One piece of worked flint and part of a 13-15<sup>th</sup> century Toynton ware jug handle was recovered. A north-west/south-east aligned ditch, **4805** (Pl. 155), was also present, but did not produce any finds from its brown silt sand fill **4806**. Further to the south was ditch **4811**, which appeared to be cut by grave **1407**, suggesting an earlier date of usage.

#### **Area D Trench 16 TF 4046 6805.** (Fig. 11, Pl. 42)

Area D was located south of Area C on the slope of the hill. It was in an area of stubble set aside.

#### Trench 16 (Fig. 11, Pl. 43)

The topsoil, **1600**, was 0.38m deep and contained a sherd of 18th century pottery. It overlay 0.17m deep layer of subsoil, **1601**, which in turn overlay an alluvial deposit of blue silt clay, **1602**. Cut into the alluvium were two ditches, **1603** (Pl. 44) and **1605**, both aligned north-south and both filled by a red-brown silt clay, **1604** and **1606**. Edges for these ditches were very poorly defined. It was noted in the slots placed through the ditches that the alluvium sealed a yellow clay natural, **1607**.

#### **Area E Trenches 17-18 TF 4046 6795** (Figs. 11 and 12, Pl. 45)

Area E was located south of Area D and north of the present A158 on the site of the proposed roundabout. It contained a crop of winter barley and appeared to be within the flood plain.

#### Trench 17 (Fig. 11, Pl. 46)

Trench 17 was located at the northern end of Area E, just south of Trench 16, and contained the same sequence of deposits. Topsoil, **1700**, contained a fragment of medieval tile, and sealed subsoil, **1701**, covering alluvium, **1703**, which was above yellow clay, **1702/1704**. Deposit **1702/1704** sealed a manganese rich yellow clay, **1705**.

#### Trench 18 (Fig. 12, Pl. 47)

The geophysical survey suggested that Trench 18 would not contain any archaeology. This was confirmed when removal of topsoil, **1800** and subsoil **1801**, revealed only the yellow clay natural, **1802**.



**Area F Trenches 19-22 TF 4040 6795.** (Figs 12-14, Pl. 48)

Area F lay south of the present A158, on the site of the proposed roundabout. Weak linear anomalies were recorded in the geophysical survey of this area. The field was under a crop of winter barley. Topsoil (**1900**, **2000**, **2100** and **2200**) was 0.30m deep, whilst the subsoil (**1904**, **2009**, **2106** and **2209**) was 0.15m deep. Natural (**1901**, **2001**, **2101** and **2201**) varied between a yellow clay and yellow sand with gravel inclusions. 16 sherds of post-medieval pottery and 2 pieces of tile were retrieved from the surface of this area.

Trench 19 (Fig. 12, Pl. 49)

Trench 19 contained a land drain **1902** (Pl. 50), in the centre of the trench, and a spread of mottled brown silt sand, **1905**, to the north.

Trench 20 (Fig. 13, Pl. 51)

One large, pit, **2002** c.10m in diameter, was recorded in this trench (Pl. 52). Its upper fill, **2003**, was a dark silt clay which sealed a yellow clay, **2004**, above a brown sand silt, **2005**, covering a blue grey silt clay, **2006**, overlying an orange sand, **2007**. The pit was augered to try and establish its depth. At c.3m a pale grey silt, **2008**, was encountered. It seems likely that **2002** was used for clay extraction.

Trench 21 (Fig. 13, Pl. 53)

The western end of Trench 21 contained a gently sloping scoop, **2104**, which projected c.7m into the trench (Pl. 55). Its fill, **2105**, was identical to that of the subsoil. 5m to the east was ditch **2102** (Pl. 54), which was 1.55m wide, 0.20m deep and aligned north-south. It was filled with a brown sand silt clay, **2103** which contained a small blade-like flint flake.

Trench 22 (Fig. 14, Pl. 56)

Ditch **2102** continued into Trench 22 where it was recorded as ditch **2202** (Pl. 57). A tapering gully, **2205** (Pl. 58), 7m to the south-west, contained silt sand clay, **2206**. Four pottery sherds from this fill were prehistoric in date. Its primary fill, **2210**, was a 0.10m deep dark grey sand clay. A shallow depression, **2207** (Pl. 59), was noted at the western end of the trench. **2207** was c.2.5m wide and contained a brown silt sand clay, **2208**.

**Area G Trenches 23-25 TF 4965 6792** (Figs.15 and 16, Pl. 60)

Area G was situated immediately east of the proposed roundabout. The field was ploughed ready for planting. Topsoil (**2300** and **2400**) was 0.30m deep, overlying the subsoil (**2301** and **2401**) 0.25m deep. Natural was a yellow sand containing iron pan, **2304** and **2404**. Apart from three 19-20<sup>th</sup> century pottery sherds no surface finds were recovered from this area.

Trench 23 (Fig. 15, Pl. 61)

Most of Trench 23 comprised a palaeochannel, **2308** (Pl. 62), which ran east-west, with its southern edge being revealed within the trench. Fills of **2308** comprised brown grey silt clays, **2302**, **2303** and

**2307**, brown silt clays, **2305** and grey brown clay silts, **2306**. The channel had gently sloping sides and a flat base. A steep sided pit, **2309** cut into the palaeochannel (Pl. 62). It contained two fills, a dark grey sand silt, **2310**, which contained fragments of charcoal and a mid to dark grey sand silt, **2311**, which also contained large fragments of charcoal and modern uncharred plant remains, separated by a thin band of white clay, **2312**. Burnt bone and a Bronze Age flint flake were recovered from **2310**.

#### Trench 24 (Fig. 16, Pl. 63)

The palaeochannel observed in Trench 23 continued into Trench 24 (**2405**) (Pl. 64). Alluvial blue clay, **2402** was also recorded sealing **2405**.

#### Trench 25 (Fig. 16, Pl. 65)

Trench 25 was perpendicular to Trench 24 and the palaeochannel from Trench 24, **2509**, and alluvium **2502**, were recorded in section. A 0.70m wide, 0.22m deep, 'U' shaped ditch, **2505** (Pl. 66), was recorded c.7m from the western end of the trench. Its mixed fill, **2506**, was the result of recent backfilling. A shallow run off channel, **2507** (Pl. 67), lay c.5m to the west. It was filled by a grey brown sand silt, **2508**.

#### **Area H Trench 26 and Boreholes 1-5 TF 4081 6784.** (Fig.17, Pl. 68)

Area H was to the east of Area G within an area of stubble set aside. Topsoil and subsoil were similar in depth to Area G. 2 post-medieval sherds of pottery and 1 medieval sherd were retrieved from the surface of Area H.

#### Trench 26 (Fig. 17, Pl. 69)

Below the subsoil, **2601**, was alluvial blue clay, **2604**. The west end of the trench was machine as excavated to determine the deposits below **2604**. **2604** sealed yellow clay **2602**. A similar clay, **2605**, but with manganese inclusions, lay below **2602**. In the base of the machine sondage was a brown blue silt clay, **2603**.

#### Boreholes 1-5 (Fig. 17, Pl. 70)

5 boreholes were hand-augered at the southern limit of Area I, beneath existing telegraph wires to investigate the character of the palaeochannels recorded on the geophysical survey.

#### *Borehole 1*

Topsoil was 0.30m deep, above a 0.16m deep subsoil. A 0.64m deep grey clay lay below the subsoil covering a 0.60m thick grey sand clay, which sealed a 0.20m deep black sand silt, the upper fill of a palaeochannel. This sealed a 0.70m deep deposit of black silt. Beneath were gravels, indicating that the base of the palaeochannel had been reached.

#### *Borehole 2*

The topsoil was 0.28m deep, sealing a subsoil 0.09m deep. The grey clay was much shallower at this



point being only 0.13m thick. Beneath lay a 0.10m deep grey clay silt with panning, which sealed a grey sand silt. Augering was stopped at 1.10m below the current ground level.

#### *Borehole 3*

Topsoil was 0.30m deep over a subsoil 0.08m deep. The grey clay was thicker than in borehole 2 being 0.32m deep. Below was a 0.20m thick grey silt sand, which sealed a 0.20m deep orange silt sand, above a grey sand, 0.30m. Beneath was a brown silt sand, 0.20m deep, possibly associated with a palaeochannel, which overlay a deposit of orange grey sand at \*\*\*m O.D.

#### *Borehole 4*

Topsoil was 0.30m deep and subsoil 0.10m thick. The grey clay was 0.15m, overlying an grey orange sand silt, 0.20m thick which was above a 0.25m thick grey sand, which sealed a 0.50m deep dark grey sand. This sealed a black silt fill of a palaeochannel, 0.10m deep, which overlay gravels.

#### *Borehole 5*

Topsoil was 0.30m deep and subsoil 0.20m deep. A grey orange sand, 0.25m thick, lay below the subsoil, covering a 0.45m thick grey orange sand, which in turn sealed a grey sand 0.40m deep. The grey sand sealed gravel deposits.

#### **Area I Trenches 27-28 TF 4108 6785** (Figs. 18 and 19, Pl. 71)

Area I was located 320m east of Area H. Geophysical survey had identified a single linear anomaly. Surface finds included 33 sherds of medieval pottery dated to the 13th -17th century, 9 pieces of tile and 24 sherds of 4<sup>th</sup> century Roman pottery.

#### Trench 27 (Fig. 18, Pl. 72)

Three large north-west/south-east orientated ditches, **2703** (Pl. 73), **2711** (Pl. 77) and **2715** were recorded in this trench, none of which was recorded on the geophysical survey. Ditches **2711** and **2715** were less than 1m apart, whilst **2703** was c.10m to the south. **2703** had a single fill, a dark grey brown silt clay, **2704**, whilst **2711** had a grey brown silt clay upper fill, **2712**, which produced 2 sherds of Roman pottery of mid to late 2nd century date. This overlay **2721**, a yellow brown silt clay, sealing a mid to dark brown silt, **2720**, a brown silt clay, **2724**, which, in turn, overlay a mid to dark brown silt, **2723**, below which was a yellow brown silt clay, **2722**. Ditch **2715** continued into Trench 28, where it was excavated as **2803**.

Ditch **2705** was aligned north-east/south-west (Pl. 74). It had a grey brown silt clay upper fill, **2706**, which contained a single late Neolithic/Bronze Age flint flake, sealing a dark brown silt clay, **2718**, which overlay a brown clay **2719**.

Ditch **2713** was aligned north -south (Pl. 78), It was 0.40m wide, containing a brown grey silt clay, **2714**, and was cut by ditches **2711** and **2715**. Unfortunately it produced no finds for dating.

A tree bole, **2707** (Pl. 75), was noted in the centre of the trench. It had an upper fill of redeposited natural, **2717**, and a compact grey black silt lower fill, **2708**, which produced nine flints, including two cores and a core fragment. This feature was in turn disturbed by possible root activity, **2709** (Pl. 76), filled with a grey black silt clay, **2710**.

#### Trench 28 (Fig. 19, Pl. 79)

Trench 28 contained one large, north-west/south-east ditch, **2803** (Pl. 80), which was the possible continuation of **2715** in Trench 27. **2803** had a ledge **2806** along its western edge which suggests that it was recut, (Pl. 80), possibly relating to ditch **2711**, although no recut was noted in section. A small quantity of charcoal together with four flint flakes and a core fragment was recovered from its fill **2804**, a light to mid brown silt clay. **2803** cut an earlier ditch to the west, **2810** (Pl. 80). Two fills were present in **2810**- a dark brown silt clay, **2808**, and a grey black primary fill **2805**, which produced 1 sherd of Roman pottery. About 6m to the west, was **2809**, the continuation of **2703** from Trench 27.

In the western corner of the trench was tree bole **2813**. It had a redeposited upper fill, **2814**, and a grey black silt clay lower fill, **2815**.

#### **Area J Trenches 29-35 TF 4137 4790** (Figs. 20-25, Pls. 81 and 117)

Area J was within an area of set aside, 120m up-slope from Area I. This was an area of numerous anomalies which were interpreted as being part of a Romano-British field system. Topsoil (**2900**, **3000**, **3100**, **3200**, **3300**, **3400** and **3500**) and subsoil (**2901**, **3001**, **3101**, **3201**, **3301**, **3413** and **3501**) deposits were of similar depth to Area I. Natural was a yellow clay, **2902**, **3002**, **3102**, **3302**, **3401** and **3502**).

#### Trench 29 (Fig. 20, Pl. 82)

Four ditches were recorded within this trench, three intercut one another. The latest of these ditches, **2909** (Pl. 85), which was located at the south end of the trench, orientated north west-south east, had steeply sloping sides with a flat base and a shallow ledge on its northern side. No finds were recovered from its dark grey brown clay fill, **2910**. Cut by **2909** was ditch **2907** (Pl. 85) which contained a dark grey sand clay, **2908**. To the north of these ditches was gully **2903** aligned east-west (Pl. 83). This ditch appeared to be very truncated as it survived to a depth of only 0.04m. Its fill, **2904**, was a mixture of yellow clay and brown silt clay. Ditch **2905** (Pl. 84) was the earliest of the intercutting ditches. It projected less than 1m into eastern end of the trench. Excavation of its brown clay fill, **2906** revealed a steep side, suggesting a profile similar to **2909**.

#### Trench 30 (Figs. 21 and 22, Pl. 86)

At least three phases of ditch systems were identified in this trench. The earliest phase of activity in the trench was a ditch system on a north-east/south-west and north-west/south-east alignment and comprised ditches **3017**, **3029** (Pl. 101), **3031** (Pl. 101), **3033** (Pl. 95), **3039** (Pl. 97), **3041**, **3047** (Pl.



100), **3052**, **3054** and **3062** (Pl. 102). Widths varied from 0.25m to 1m, with depths from between 0.10m and 0.20m. The fills were generally a brown grey silt clay. Of these ditches only fills **3053** and **3063** produced pottery. Fill **3053** contained 1 sherd of mid 2nd - early 3rd century date whilst **3063** had 9 sherds of late 2nd - early 3rd century pottery. Two postholes **3035** (Pl. 95) and **3051** (Pl. 96), neither of which were deeper than 0.10m, were seen on the north west side of **3033**, some 2m apart. Neither posthole produced pottery, from their fills, which were identical to that of **3034**.

A second series of ditches on a slightly different alignment, generally on a north-north-west orientation, was noted. These comprised **3007/3009** (Pl. 90), **3013** (Pl. 91), **3021** (Pl. 93), **3045** (Pl. 99) and **3064** (Pl. 101). Pottery from **3014** included 5 sherds of 3rd century date and **3022**, 6 sherds also from the 3rd century, tentatively date this ditch system. The ditches themselves were, on average, 1m wide and 0.25m deep. Their fills were a brown grey silt clay.

A later mid 3rd -early 4th century ditch system, on a north west - south east orientation, was also present. This phase of activity comprised ditches **3003** (Pl. 88), **3005** (Pl. 89), **3023**, **3025/3057** (Pl. 94), **3027** (Pl. 101), **3037** (Pl. 96), **3043** (Pl. 98), **3049** and **3066**. Dimensions varied considerably, widths were from 0.75m to 5.50m, whilst depths were 0.15m to 0.45m. Pottery was recovered from, **3006**, 7 sherds, **3028**, 3 late 2nd - early 3rd century sherds, **3039**, 1 sherd, **3044**, 2 sherds of mid 4th century date, **3059** 4 sherds of mid 3rd -early 4th century pottery, **3061**, 1 sherd of mid 2nd and **3067**, 7 mid 3rd century sherds.

Possible medieval furrows were also noted, **3019** (Pl. 92), recut by **3068**, and **3011**. All 3 were no more than 0.50m wide and 0.22m deep. Fill **3020** had 12 sherds of 3rd century Roman pottery whilst **3069** had 8 sherds dated to the mid 3rd -early 4th century and 2 sherds of medieval Toynton ware. These furrows appeared to be turning suggesting that the headland was to the south east of Trench 30 and that the particular parcel of land defined by the furrows did not continue further westward than **3020**.

#### Trench 31 (Fig. 23, Pl. 103)

Trench 31 was located to the south east of Trench 30. Most of the ditches seen in Trench 31 were the continuation of ditches recorded in Trench 30. Ditch **3027** was recorded as **3103**, **3025** and **3057** as **3105**, **3023** as **3107**, **3013** and **3018** as **3111**, **3005** as **3113** and **3006** as **3114**. Only the easternmost features in Trench 31 were not exposed in Trench 30. Ditches **3115** (Pls. 104 and 105), which had a dark grey clay silt fill, **3116**, and **3117**, filled by an orange brown clay silt, **3118**, of which **3115** was the later of the two, met at right angle at the junction of Trenches 31 and 32. **3117**, which ran north east-south west cut a possible pit, **3122** (Pl. 104), to the west which had an identical fill, **3123**. To the east it may have cut another pit, **3122** (Pl. 104), which also had an identical fill, **3121**.

#### Trench 32 (Fig. 23, Pl. 106)

Two gullies, **3203** (Pl. 104) and **3205** (Pl. 107), aligned north-east/south-west were recorded crossing



the trench. Pit **3207** located c.2.5m to the south was little more than a shallow scoop (Pl. 108). This pit was possibly cut by east-west orientated, ditch **3209** (Pl. 108), which had two fills. Upper fill **3210**, which may mark a recut, was a dark grey silt clay containing 1 sherd of 12th-15th century medieval pottery, 5 sherds of Roman pottery and 2 pieces of abraded fired clay, whilst lower fill **3211** was a mottled brown silt clay with 1 sherd of Roman pottery dating from the mid 3rd- 4th century, and single piece of undated fired clay.

#### Trench 33 (Fig. 24, Pl. 109)

At the western end of Trench 33 was a ditch, **3308** (Pl. 112), 4.30m wide and aligned north-west/south east. Its dark grey sand silt clay fill, **3309**, from which 5 sherds of Roman pottery were recovered, sealed a green grey clay, **3313**, devoid of finds. The remains of a truncated gully, **3311**, were to the south of **3308**. **3311** contained 2 fills, a grey brown sand silt, **3310**, and a humic black silt, **3312**. Neither fill contained dateable material. **3311** was cut by a 3.50m wide anomaly, **3306**, filled by mottled brown sand silt clay, **3307**, (Pl. 111) which produced one piece of 2<sup>nd</sup> century pottery and a medieval pottery sherd. This, in turn, was cut by an oval shaped pit, **3315** (Pl. 110), which contained a single sherd of Roman pottery in its black clay silt fill, **3316**. **3315** was cut by a gently sloping feature, **3304** (Pl. 110), interpreted as a former pond, whose primary fill, **3305**, a mottled brown sand, was sealed by a yellow brown clay, **3317**, indicating that **3317** is redeposited natural. Deposit **3303**, a grey brown silt clay, was also part of **3304**.

#### Trench 34 (Fig. 24, Pl. 113)

The pond identified in Trench 33 (**3304**) continued into Trench 34 where it was recorded as **3408/3410** (Pls. 115 and 116)). It was 0.75m deep, probably the maximum depth of the pond. Roman pottery and 1 piece of medieval, or later, tile was recovered from **3411** and **3412**, fills of **3410**. Fired clay was also present in **3412**. Additional features were recorded to the south of the pond. Shallow ditch **3406** was cut by pond **3408**, it was aligned north-east/south-west and contained a brown silt clay fill, **3407**, which did not produce any artifacts. Further south were ditches **3402** and **3404** both orientated north-west/south-east (Pl. 114). **3404** had a brown sand clay silt fill, **3405**, which contained 2 13th -15th century pottery sherds. **3402** was the continuation of **3311**. Its upper fill **3403** contained 2 sherds of Roman pottery whilst **3414**, its lower fill, had frequently occurring charcoal fragments, cereal grain and charred seeds.

#### Trench 35 (Fig. 25, Pl. 118)

Trench 35 was located in a field east of the main body of trenches in Area J. The latest feature in the trench, a major boundary ditch, **3521**, located at the north end of the trench, was recorded running north-east/south-west. 3 sherds from the Roman period and 1 piece of modern flowerpot were retrieved from its 0.65m deep, blue grey silt clay fill, **3522**. Similar sized ditch **3505** (Pl. 119), which was 2.30m wide and 0.40 deep, filled by a brown silt clay, **3506**, might also mark a boundary, it may even be the return of **3521**. Two very abraded pieces of medieval pottery were retrieved from its fill.



Pit, **3513** (Pl. 122) was c.2.5m in diameter and 0.19m deep. It contained a brown silt clay fill, **3514** from which a single sherd of Roman pottery was retrieved. Barely projecting into the southern end of the trench was ditch **3503**. This ditch seems to represent an entirely different phase of activity as it was aligned east-west. No pottery was recovered from its brown silt clay fill, **3504**, to allow dating.

Shallow drainage gully/ditches, **3517** (Pl. 124) and **3515** (Pl. 123), 0.30m deep, on the same alignment, were seen to the north of **3503**. This phase of activity would appear to be an early ditch system, relating to the late 2nd - early 3rd century ditches seen in the other part of Area J. Ditch **3225** (Pls. 120 and 127), which only partially survived because ditch **3521** had removed all but its northern edge, was 0.88m deep and contained a brown grey silt fill, **3526**. Cut by the later phase of ditches were shallow gullies **3519** (Pl. 125) and **3523** (Pl. 126). These features were aligned north-west/south-east, and filled with a brown silt clay, **3520** and **3524**. Ditches **3507** and **3509** (both Pl. 121) are possibly of the same phase as they have the same orientation and are of similar width.

#### **Area K Trenches 36-41 TF 4195 6810** (Figs 26-28, Pl. 128)

Area K was located c.300m east of Area J and situated on the south side of the A158. The field was set aside ground under stubble. Topsoil in the trenches (**3600**, **3700**, **3800**, **3900**, **4000** and **4100**) was 0.30m and subsoil (**3601**, **3701**, **3801**, **3901**, **4001** and **4101**) 0.10m deep. Natural (**3602**, **3702**, **3802**, **3902**, **4002** and **4102**) was a red-brown silt clay.

#### Trench 36 (Fig. 26, Pl. 129)

Two furrows, **3603** (Pl. 130) and **3605** (Pl. 131), 1.80m wide, were noted in this trench, c.8m apart. Both were filled with an orange-brown clay, **3604** (which contained 1 piece of Roman pottery) and **3606** which contained 2 sherds of medieval pottery.

#### Trench 37 (Fig. 26, Pl. 132)

Trench 37 was placed over a furrow, **3703**, at an oblique angle. The furrow had a width of 1.80m. Its upper fill **3704** produced one late Mesolithic/Early Neolithic blade-like flint and three later Neolithic/Bronze Age flint flakes as well as 10 sherds of medieval pottery and 2 post medieval pieces of tile. Its lower fill of brown grey clay **3705** contained no finds.

#### Trench 38 (Fig. 27, Pl. 133)

Four equally spaced furrows (**3803** (Pl. 134), **3805**, **3807** and **3809**), c.3m apart, all containing the same fill of a grey brown silt clay, were excavated in this trench. **3804** contained a flint flake and 1 sherd of medieval pottery, from part of a large bowl. **3808** produced 1 sherd of medieval pottery and 1 sherd of Roman pottery was found in fill **3810**.

#### Trench 39 (Fig. 27, Pl. 135)

Two of the furrows recorded in Trench 38 as **3803** and **3805**, continued into Trench 39 where they were numbered **3907** and **3905**. An additional furrow, **3903**, was also noted (Pl. 136). Dark grey brown

sand silt clay fill **3908** yielded 4 sherds of medieval pottery, 15th-18th century in date and fill **3906** contained a single sherd from a Toynton ware jug of 13-15<sup>th</sup> century date.

#### Trench 40 (Fig. 28, Pl. 137)

A possible furrow **4003**, was noted in the southern corner of the trench, projecting into Trench 4. It was aligned north – south and its grey brown sand silt clay fill **4004**, produced 4 sherds of medieval pottery. A large area of natural, c.15m, which differed from the normal yellow clay was observed covering most of the trench. At the northern end of the trench a machine-excavated sondage (Pl. 138) was placed through the feature to record its deposits. Upper deposit **4005** was a brown yellow clay which was above a yellow grey clay, **4006**. Below **4006** was a light yellow grey clay, **4007**, which covered **4008**, a brown grey clay. In the base of the sondage was a yellow grey clay with flecks of white chalk, **4009**

#### Trench 41 (Fig. 28, Pl. 139 and 140)

Within Trench 41 were two shallow depressions, **4105** (Pl. 142) and **4107**, possibly relating to the installation of field drains, as both had land drains at their western end. Medieval and Roman pottery was recovered from these scoops which were both 0.20m deep. **4107** cut a 2m wide scoop, **4109**, which contained a brown silt clay fill, **4110**. No finds were recovered for dating. At the eastern end of the trench was a small posthole, **4111** (Pl. 143), filled with a charcoal-rich sand silt, **4112**. Possible furrow **4003** was recorded in this trench as, **4103**.

#### **Area L Trenches 42-44 TF 4214 4212.** (Figs. 29 and 30, Pl. 144)

Area L was located east of Area K in the same field and was the easternmost of all the areas to be investigated. The northern side of this area had quite a rise steeply towards the road. Topsoil and subsoil depths were the same as for Area K.

#### Trenches 42 and 43 (Fig. 29, Pls. 145 and 146)

No archaeology was recorded within these two trenches but a single utilised flint flake was found in the topsoil removed from Trench 42. The large anomaly picked up by the geophysical survey in Trench 43 proved to be modern disturbance containing cables and the remains of telegraph poles.

#### Trench 44 (Fig. 30, Pl. 147)

The trench sloped steeply from north to south and an area of disturbance, **4403** measuring at least 7m x 5m comprising a red brown silty clay with pockets of gravel, **4404**. A modern field drain was found at the south end of the trench.

#### **Area M Trenches 49-57 TF 4082 6895** (Figs 33-37, Pl. 158)

Area M was an additional area north of Area B, where new badger setts are to be located. It was covered by a crop of winter barley. Topsoil measured 0.50m whilst the subsoil, which disappeared at the north east end of the site, was a maximum of 0.10m deep.



Trench 49 (Fig. 33, Pl. 159)

This trench was situated at the north end of Area M. Just projecting into the northern end of the trench was ditch **4903** (Pl. 160). It was aligned approximately east-west and had one dark grey sand clay fill, **4904**, which contained charcoal flecks and cereal grain and chaff. A single sherd from a rare 1-2<sup>nd</sup> century fineware jar was found in this fill which joins with additional sherds from the same jar found in **4910**. To the south was ditch **4905** (Pl. 161) filled with **4906**, and **4913/4907** (Pls. 161 and 162), whose two arms began to turn north west-south east. **4913/4907** whose fill, **4914 /4908**, contained 2 sherds of mid 2<sup>nd</sup>-early 3<sup>rd</sup> century pottery and 9 sherds of mixed date (1-2<sup>nd</sup> century and mid 2<sup>nd</sup>-early 3<sup>rd</sup> century) respectively. Both these features cut a grey sand **4915** (Pl. 160), which was the fill of a poorly defined, flat based, ditch, **4915**, orientated north-south, (Pl. 165). **4915** cut posthole **4917** whose fill **4918**, was a dark grey brown silt sand. Ditch **4909** (Pl. 163), on a north west-south east orientation, to the south, was noted to cut **4913/4907**. Finds from its mid to dark brown grey sand clay fill, **4910**, included 3 more sherds from the fineware jar recorded in **4904**. A north-south orientated ditch **4911** (Pl. 164), filled with a brown grey sand clay, **4912**, was recorded at the south end of the trench, and continued into Trench 50. It contained 2 sherds of mid 2-3<sup>rd</sup> century pottery.

Trench 50 (Fig. 33, Pl. 166)

Six north-east/south-west ditches, **5003** (Pl. 167), **5005** (Pl. 168), **5007** (Pl. 168), **5009** (Pl. 169), **5011** (Pl. 170), **5013** (Pl. 170) were present in this trench. Fills varied considerably. **5004**, **5006** and **5008** were a dark blue grey sand silt; **5010** was a grey sand clay, **5012** a grey brown sand and **5014** brown sand silt. 30 sherds of mid 4<sup>th</sup> century pottery were found in **5004** with a further sherd each in **5006** and **5010**. One east-west aligned ditch, **5015** (Pl. 171), was also recorded at the eastern end of the trench. It contained a dark brown silt sand, **5016**. Environmental samples from these deposits produced quantities of charcoal, cereal grains and chaff indicating that grain processing was being carried out in the vicinity.

Trench 51 (Fig. 34, Pl. 172)

A post-medieval land drain, **5109**, ran for 15m through the trench and cut two north-west/south-east aligned ditches **5105** (Pls. 174 and 175) and **5111** (Pl. 174). Both were c.1m wide and had a dark grey, predominantly sand, fill, **5106** and **5112**. Both these ditches cut grey sand flood deposit **5113**. Land drain **5109** also cut a truncated, north-south aligned ditch, **5107** (Pl. 176), which was filled with a grey sand and iron panning mix, **5108**. Another north-west/south-east ditch, **5103**, was recorded c.2.5m north-east of **5105** (Pl. 173). It was filled with a grey brown clay sand, **5104**.

Trench 52 (Fig. 34, Pl. 177)

A snaking ditch, **5203**, 0.55m wide and 0.11m deep ran the length of the trench (Pl. 178). It was filled with a mix of blue white sand and brown clay silt, **5204**. No finds were recovered from this feature.

Trench 53 (Fig. 35, Pl. 179)

The geophysical survey suggested that a north-east/south-west ditch would be present within this trench. A shallow ditch **5303** was recorded c.3m from the eastern end of the trench. This ditch was only noted in section, as its fill of brown clay **5304** was very similar to the subsoil **5301**. Beneath **5303** was rectangular pit **5309** (Pl. 182), which projected 0.65m into the trench. **5309** was filled with a brown-red sand silt **5310** which was devoid of finds. Two very poorly defined ditches, **5305** (Pl. 180) and **5307** (Pl. 181) both filled with a brown clay sand (**5306** and **5308**) were excavated in the western half of the trench. One piece of worked flint was recovered from **5306** and 3 cereal grains and charcoal fragments.

Trench 54 (Fig. 35, Pl. 183)

Ditch **5405** was aligned north-east/south-west aligned (Pl. 185). It contained **5406**, a grey brown clay sand and produced no finds. Further to the north-west was an area disturbed by plant roots, **5403** (Pl. 184).

Trench 55 (Fig. 24, Pl. 186)

One large, ditch, **5503**, c.2m wide, was recorded in this trench (Pl. 187). Its upper fill **5504** was a brown mottled sand which contained a base sherd from a 3-4<sup>th</sup> century pot whilst **5505** was a very compact grey sand which contained 5 sherds from a narrow-necked jar of 2-4<sup>th</sup> century date.

Trench 56 (Fig. 36, Pl. 188)

In the southern half of the trench was a north-west/south-east ditch **5603** which was filled with **5604**, a brown sand clay fill (Pl. 189). An east-west orientated ditch **5605** (Pl. 190), contained a brown sand clay fill, **5606**. Two sherds of 1-2<sup>nd</sup> century pottery were found in this fill. Two ditches **5607** (Pl. 191) and **5609** (Pl. 192) running north-west/south-east, were noted in the northern half of Trench 56. Both fills were a mixed brown clay sand **5608** and **5610**. **5608** contained 5 sherds of 1-2<sup>nd</sup> century pottery. **5609** cut through a water-washed light grey sand **5611** (Pl. 193).

Trench 57 (Fig. 37, Pl. 194)

This trench was placed over a large anomaly picked up by the geophysical survey. This feature, **5703**, was probably a pond. Its grey brown silt clay upper fill with charcoal flecks, **5704**, containing 32 sherds of late 3-4<sup>th</sup> century Roman pottery. This overlay a brown sand, **5705** which contained 6 sherds of a rare frilled neck jar of 2<sup>nd</sup> century date.

**Discussion (Naomi Field and Mick McDaid)***Prehistoric Activity*

It is remarkable given the position of the by-pass route at the foot of the Lincolnshire Wolds that very little evidence for prehistoric activity was found. The Wolds is unusually rich in flint sites and the retrieval of only 35 flints from the whole route is of note, especially as all the finds were from later features or topsoil. The only groups of flint artefacts were from treebole in Trench 27 and a ditch in



trench 28 nearby which also contained Roman pottery. The location of Partney on a promontory overlooking the Lymn valley, itself an exceptionally rich area in prehistoric times, even by standards in the Wolds, can be directly paralleled with Hall Hill at West Keal and Keal Hill, East Keal 7.5km further to the south-west along the A16 which overlook the Witham valley and the Fens. Prolific finds dating from the Mesolithic through to Anglo-Saxon have been found on both these sites (Field 1993, 16). It can only be suggested that by skirting the base of the promontory at Partney the by-pass route may have avoided much richer deposits higher up the hill.

It is rare to find sites where prehistoric pottery is more abundant than flint artefacts but Area B revealed a number of features which contained later Bronze Age and Iron Age pottery. Trenches 7-11 were located over a complex of curvilinear features identified by geophysical survey provisionally interpreted as a possible Iron Age/ Romano-British enclosure complex. Trench 7 was positioned over the main boundary ditch **706** which proved to be very truncated and disturbed by animals, probably because it the trench ran along a hedge boundary. It was the ditches contained within this large enclosure which produced Bronze Age pottery. Ditch **1003/1115** recorded in Trenches 10 and 11 which contained pottery cut an even earlier ditch, **1011**, which could be the curvilinear ditch shown on the geophysical survey. Ditch **1105/1111/1113**, which cut **1115** contained Iron Age pottery, whilst pit **910** produced a possible sherd of Iron Age/ ?Saxon pottery.

#### Roman Activity

The field systems recorded in Area J and M are similar to examples recorded as cropmarks in the Lincolnshire wolds for example at sites in Cawkwell and Scamblesby. The complex in Cawkwell parish, between Horncastle and Louth was investigated in 1988 during the construction of a gas pipeline and produced 2-3<sup>rd</sup> century pottery and also 5 corndriers. Similar ditch systems were found on the route of an Anglian Water pipeline at Ludford (Coupland and Field 1992, 15-16).

The geophysical survey for Area J clearly showed a very busy coaxial field system of more than one phase which fades slightly to the west and east but whose northern and southern limits lie beyond the by-pass easement. Excavations in Trench 35, at the eastern limit of Area J, revealed at least three phases of activity were present, but dating of the phases proved difficult due to lack of finds. It was not until the other trenches in Area J were looked at that a clearer picture of what was happening was gained. A late 2<sup>nd</sup>-early 3<sup>rd</sup> century system of ditches, north-south/east-west in alignment, was the earliest activity noted. A second Roman phase was late 3<sup>rd</sup> -early 4<sup>th</sup> century in date, on a north-west/south-east orientation with a slight realignment to north-north-west. A medieval phase, on a north-east/south west axis was also recorded. This phenomenon was also noted at Scamblesby where 19<sup>th</sup> and 20<sup>th</sup> century field drains were found following a similar alignment to the Roman drainage ditches, presumably showing that the best alignment for drainage of a piece of land remains constant, rather than demonstrating true continuity of use. The trenches downslope of Area J, in Area I, showed that the field systems continued all the way to the edge of the river floodplain.



Assessment of the sample from Trench 34 suggests that crop processing occurred within or close to Area J but was not ubiquitous. The pottery found in the ditches was unremarkable, with small abraded sherds being the norm.

In contrast, the ditches recorded in Area M to the west of the proposed by-pass route (and on the other side of the village to Area J) produced more abundant evidence for crop processing in the vicinity. It is possible that corndriers, such as found at Cawkwell, might be close by, amongst the ditches. The pottery from the ditches was contained an unexpected number of Samian ware, from all three production areas in Gaul, together with the bifurcated rimmed bowl from **4914** and several sherds from a painted and rouletted parchment ware flask in **5075**. The size of pottery sherds was than those from Area J and the quality of material indicates that a prestigious occupation site lies close by, to the north west. This should not be surprising given the proximity of the important Roman road running from Lincoln to Burgh le Marsh.

#### Medieval Activity

Area C produced a group of graves, possibly 14 in number, within Trench 14. Radiocarbon dating of a tibia from skeleton **1410** gave a date of AD1200. Boundary ditch **1403/4807** would appear to mark the northern extent of the cemetery. The southern extent of the cemetery is not known. Grave like feature **1509** hints that the cemetery may have continued downslope but truncation by ploughing has removed all but the most substantial of features. Stocker acknowledges the existence of two field names 'monks close' and 'lower monks close' which have been said to be the site of the monastery and which are close to the site of the burials (Stocker 1993, 110). This burial at least, however, may be associated with the chapel of ease dedicated to St Mary which is mentioned when land was granted to Bardney Abbey by Gilbert de Gant after the Norman conquest. Stocker suggests that it was located close to the Rectory, south of St Nicholas church, in an area formerly known as Chantry garth, but perhaps the chapel was on, or close to, the bypass route and associated with the burials recorded in Area C.

This may not preclude the site from also being associated with the pre-Conquest monastery since at least three phases of burial were identified in the evaluation trenches. The potential association of the graves with the pre-conquest monastery at Partney substantially increases the importance of this area. Nothing is known about the physical remains any of the pre-Conquest monasteries in the county, or indeed of many in England, although it has been suggested that the monastery itself was probably located on top of the hill (Stocker 1993, 110).

In Area C ditches to the north of the cemetery, **4503**, **4703** and **4705** might be associated with later land division, as ditches **1405/4805** and **4803** do not respect the presumed cemetery boundary. Ditch **1503** may be part of this phase of activity.

Four of the trenches in Area K (Trenches 36 - 39) contained traces of ridge and furrow. Medieval



green glazed pottery was recovered from most of the furrows investigated. The present owner of the land, Mr Oliver, remembers the field as pasture containing undulations prior to its conversion to arable land after the Second World War (*pers. comm.*).

#### Post Medieval Activity

Within Area F, at the proposed new roundabout, the curvilinear features picked up by the geophysical survey proved to be of post-medieval date. Drainage ditches **2102**, **2206** and **2208** were present, large pit **2002** would appear to have been used for clay extraction. Clay extraction still occurs in the vicinity of Partney.

The linear anomalies picked up on the geophysical survey and investigated in Trench 25, **2505** and **2507**, were once part of a paddock ditch backfilled by Mr Grant, the owner of the field, sometime in the late 20th century (*pers. comm.*).

Of note in Area L was the disturbance **4403** in Trench 44. This feature would appear to be quite modern and may be associated with levelling of the land in preparation for the current A158.

#### Non-Archaeological Activity

In Area D no large anomaly was noted in Trench 16, suggesting that the feature picked up during the geophysical survey was natural in origin. Trenches 17 and 18 in Area E confirmed the geophysical result of a blank area. The field in which these two trenches were positioned would appear to suffer from intermittent flooding and as such would not have been suitable for human use. Both areas would appear to be within a former flood plain.

Trenches 23 and 24 in Area G proved to be located over a former watercourse, **2308**. The five augered boreholes established that at least one palaeochannel was present in Area H, at a depth of 1.40-1.70m below existing ground level. The weak linear anomalies within Trench 26 proved to be natural as the trench contained alluvium, **2604**, suggesting it was in the flood plain of the palaeochannel.

#### **Statement of Potential**

The evaluation for the Partney bypass uncovered 6 distinct areas of archaeological activity, along the route

- a complex of Bronze Age enclosure ditches towards the northern end of the proposed A16 by-pass in Area B
- a Romano-British field system which may be associated with an important occupation site in Area M.
- a probable Christian cemetery with boundary ditch south-west of Monks Lane (Area C)
- palaeochannels immediately east of the proposed new roundabout (Areas G and H)

- a Romano-British field system situated towards the eastern end of the A158 (Areas I and J)
- ridge and furrow close to where the proposed route of the A158 ties in with the old A158 (Area K).

Of these the most important are undoubtedly the Bronze Age complex (Area B), the Christian cemetery (Area C) and the Romano-British field system (Area M).

### **Mitigation**

Road construction will lead to total destruction of features along the route. The Bronze Age complex is a rare discovery in the county, despite being unable to define its function, and would repay more extensive open area investigation. As a minimum it is recommended that the large boundary ditch which runs west-east north of Trench 8 is a priority. The curvilinear ditch clipped by Trench 11 and the feature recorded in Trench 10 might be other targets for investigation.

The possibility that the cemetery may be linked to the lost site of the pre-conquest monastery at Partney indicates that more extensive open area excavation is imperative since graves do not show up on geophysical surveys, nor would any associated timber structure, such as a church.

The Romano-British field system recorded in Area J is of interest but is not of the same rank as the two sites already discussed. Further excavation may reveal additional dating evidence for the phases of the system.

The Romano-British field system recorded in Area M is potentially of far greater interest with better evidence for crop processing and a hint at the presence of an important building close by but beyond the area affected by the proposed badger setts. Careful positioning of the setts should minimise damage to the Roman features.

### **Acknowledgements**

The authors and LAS would like to thank Babtie Group, in particular Adrian Scruby for his assistance during the excavation, Sean Kent of Lincolnshire County Council Highways and Planning Directorate, Mr Hudson and Mr Oliver and Sons for their patience and wealth of knowledge about Partney, Will Emerson the JCB driver and specialists for their reports. Illustrations were prepared by Mark Williams and Mick McDaid. Finally, thanks are due to the hard working site team: Naomi Field, Mike Garrett, Tom McCarthy, Dave Marshall, Lawrence Platt and Doug Young.

Mick McDaid  
Lindsey Archaeological Services  
March 17<sup>th</sup> 2003, revised April 2003



## References

Babtie Group 2002 *A158/C541 Coastal Access Improvement. A16 and A158 Partney Bypass. Archaeological DeskBased Assessment.*

Babtie Group 2002 *A158/C541 Coastal Access Improvement. A16 and A158 Partney Bypass. Specification for Sample Excavation.*

Bunn, D. 2003 *A16 and A158 Partney Bypass, Partney Lincolnshire. Geophysical Survey.* PCG Report pending

Coupland, F. and Field N. 1992 *Stenigot to Bully Hills Water Pipeline: Archaeological Investigations.* LAS Report 39.

Field N, 1993 *East Keal Bypass. Archaeological Assessment of the Preferred Route.* LAS Report 53.

Stocker, D. 1993 'The early church in Lincolnshire', in A. Vince (ed.) *Pre-Viking Lincolnshire.* Lincoln Archaeological Studies 1, 101-122.

Tann, G. 1993 *Archaeological Monitoring of the Alford Trunk Main: Ulceby Cross Roundabout to Fordington Treatment Works and an Archaeological Excavation at Miles Cross Hill, Well.* LAS Report 72.

Whittingham M. May 2002 *A16 and A158 Partney Bypass, Partney Lincolnshire. Geophysical Survey.* WYAS report 1013.

Whittingham M. June 2002 *A16 and A158 Partney Bypass, Partney Lincolnshire. Additional Geophysical Survey.* WYAS report 1017

## Contents of the Site Archive

Site plans and sections

Context register and sheets

Field condition recording sheets

TBM Locations

Environmental register

Correspondence

Photographs. LAS Film Negative No's: 02/102/31-37, 02/104/6-24, 02/106/1-37, 02/107/0-37, 02/108/1-36, 02/109/1-36, 02/113/0-37, 02/115/1-36, 02/116/1-37, 02/117/2-36, 02/118/1-36, 02/120/1-37, 02/122/1-36, 02/123/1-36, 02/124/1-37, 02/125/1-35, 02/127/1-36, 02/122/1-36, 02/129/3-32, 03/02/3-22, 03/08/0-4, 03/09/1-37, 03/10/1-35, 03/11/1-37



**APPENDIX 1**

**The Botanical Assessment  
by  
Dr Jane Richardson**



## Botanical Assessment

By

Dr Jane Richardson

### 1. **Introduction**

- 1.1 As part of archaeological investigations along the route of the A16 and A158 Partney Bypass by Lindsey Archaeological Services, Archaeological Services WYAS were commissioned to undertake the analysis of selected soil samples. Eight deposits were assessed in December 2002 in order to provide some indication of the survival/recovery of botanical material and the activities that may have occurred in the area. A further fourteen samples were submitted for assessment after additional excavations were carried out.

### 2. **Method**

- 2.1 Soil samples between two and ten litres in volume were subjected to a system of flotation in an Ankara-style flotation tank. The floating remains (the flot) were collected in a 300 $\mu$ m sieve and the heavy fraction (the retent) was collected in a 1mm mesh. The flots, once dry, were scanned using a binocular microscope and the results are presented in Table I. The retents were scanned by eye for both ecofacts and artefacts, after which the remaining material was discarded unless stated otherwise in Table II.

### 3. **Results**

#### Flot samples

- 3.1 Contamination of the deposits by modern root fibres grass fragments and seeds including *Rumex* sp. and *Chenopodium* sp. was noted.
- 3.2 Charred cereals and weed seeds were present in Context 3414. These eight cereal grains and one weed seed suggest that crop processing may have occurred in the vicinity. Charred cereals (wheat, barley and oats) were recovered from seven samples from Area M (4910, 4914, 5004, 5006, 5012, 5306, and 5705) with cereal grains commonly recorded from contexts 4914 and 5006 (Table I). Context 4914 also contained a few grass seeds, as well as a many fragments of wheat cereal chaff. Cereal chaff was also commonly recovered from contexts 5004 and 5012.
- 3.3 The variations in the proportions of the plant categories between samples suggest that particular deposits contained crops and/or their by-products from different stages of crop processing. Context 4914 may have contained crops that were awaiting threshing and winnowing to remove

the chaff and to be cleaned of weed contaminants, while contexts 5004 and 5012 with fewer cereals, but still with many chaff fragments may represent the discard of waste by-products after crop processing had occurred. In contrast, the absence of cereal chaff and weed seeds from context 5006 suggests the cleaned cereal crop was deposited here.

- 3.4 Thirteen samples contained wood charcoal, with four providing fragments of sufficient size to be appropriate for radiocarbon dating. Species identification would be required before any botanical material was submitted for dating.

#### **Retent samples**

- 3.5 Cereal grains and cereal chaff fragments were recovered from the retents in small numbers (Table II) and support the hypothesis that crop-processing activities were occurring in the vicinity. Additional cereal grains (identification would be necessary to rule out the presence of any grass seeds) and two chaff fragments were recovered from Context 3414. The chaff fragments, as by-products of cereal processing, support the suggestion that crops were processed near by.
- 3.6 Contexts 4904 and 4912 also produced identifiable charred plant material that was absent from the flots. In addition, wood charcoal fragments were observed from many of the deposits (with the exception of 1412, and 5610) and were often of a size to be appropriate for radiocarbon dating. Should their dating be required, they should be identified to allow short-lived species to be dated in preference to longer-lived species.
- 3.7 Animal bones (representing cattle, sheep/goat and pig) were retrieved from context 1007 and undiagnostic bones were also noted in contexts 2310 and 1412. Pottery was retrieved from context 5004.
- 3.8 Wood charcoal fragments and bone fragments were separated from the inorganic residue and the latter was discarded. The exception was Context 1104 that contained numerous charcoal fragments and was retained in its entirety.
- 3.9 No hammerscale was noted.

#### **4. Recommendations**

- 4.1 Charred botanical material, in particular wood charcoal was recovered from the majority of samples processed (Context 1412 was the only exception). This suggests that the survival of charred plant remains was adequate and that the retrieval of cereal grains from context 3414 is a true reflection of the crops disposed of in the deposits analysed here. Given this level of preservation, the processing of additional samples may be valuable both for the recovery of wood charcoal for radiocarbon dates



and to test if crop processing is as localised as is indicated by this assessment.

- 4.2 Although wheat, barley and oat grains were noted and wheat chaff was recognised during this assessment, a thorough analysis of the botanical material is recommended. Four cereal and/or chaff-rich samples were recovered from Area M (contexts 4914, 5004, 5006, 5012) with a further six deposits containing only a few cereals, weed seeds or chaff fragments. The remaining samples contained no plant material with the exception of charcoal fragments that were typically too small to be identified. As a result, only the remaining soil samples from contexts 4914, 5004, 5006 and 5012 should be retained: all other samples can be discarded.
- 4.3 Given the richness of the deposits from contexts 4914, 5004, 5006 and 5012, it is also recommended that additional material is processed. Between ten and thirty litres of unprocessed soil remain from these deposits and the recovery of any additional ecofacts should strengthen the argument for spatially distinct crop-processing activities.
- 4.4 Given further excavation, it is recommended that primary deposits are routinely sampled (especially if charred material is needed for AMS dates). Subsequent fills may also contain important botanical material that relates to the features in use. Contexts that appear to be charcoal-rich should also be systematically sampled to enable the presence/absence of crop processing activities to be confirmed.

## ***Acknowledgements***

### ***Laboratory work***

Jason Dodds BSc and Christina Robinson BSc

**Table 1 Results from the flot samples**

Context number	Flot volume	Cereal grain	Charred Seeds	Cereal chaff	Charcoal		Uncharred plant	Comments
					qty.	large frags.		
1007	3ml				+		+++	
1104	10ml				++++	*	+++	
1412	<1ml						+++	Modern <i>Chenopodium</i> sp.
2310	1ml				+	*	++	
2311	1ml				++	*	++	
2804	2ml				++	*	+++	
3414	<1ml	++ (8)	+ (1)				++	
4112	<1ml				+		+++	
4904	5ml				+		+++	
4910	5ml	+ (4)					+++	
4912	5ml				+		+++	
4914	10ml	+++ (20)	+ (5)	++++ (51)	+		+++	Charred cereals and grasses
5004	5ml	++ (8)		+++ (35)			+++	
5006	10ml	+++ (26)			++		+++	
5010	15ml						++++	
5012	5ml	+ (3)	+ (2)	+++ (18)	+		+++	
5016	5ml						++++	
5306	5ml	+ (3)			+		+++	Modern grass, <i>Rumex</i> sp, <i>Chenopodium</i> sp.
5505	10ml						++++	Modern grass
5610	5ml						++++	Modern weeds
5704	5ml						+++	
5705	5ml	+ (1)					+++	Modern weeds

Key : + = rare (1-5), ++ = occasional (6-10), +++ = common (11-50), ++++ = abundant (>50), \* = sufficient charred material for AMS date



**Table 2 Results from the retents**

Context number	Retent volume	Cereal grain	Charred Seeds	Cereal chaff	Charcoal		Comments
					qty.	large frags.	
1007	700ml				+		Animal bone ++ (cattle, sheep, pig)
1104	200ml				++++	*	Charcoal-rich - retained
1412	150ml						Undiagnostic bone ++
2310	600ml				+++	*	Burnt bone +
2311	450ml				+++	*	
2804	75ml				+		
3414	75ml	+++ (11)		+(2)	+	*	Cereals may include grass seeds
4112	250ml				+++	*	
4904	600ml	+(1)		+(2)	++++	*	Few large charcoal fragments
4910	1500ml	+(1)	+(1)	+(1)	++++	*	Few large charcoal fragments
4912	1300ml	+(1)		+(2)	+++		Animal bone
4914	600ml			++ (6)	+++	*	Few large charcoal fragments
5004	650ml	+(1)		+(2)	++++	*	Few large charcoal fragments. Pottery sherds
5006	1500ml	+(5)			++++	*	Few large charcoal fragments
5010	2000ml				+		Industrial waste?
5012	1000ml	+(1)		+(3)	+		
5016	900ml				++		Industrial waste?
5306	200ml				++	*	Few large charcoal fragments
5505	900ml				+		
5610	1000ml						
5704	1600ml				++++	*	Few large charcoal fragments, animal bone
5705	2750ml				+++		

Key : + = rare (1-5), ++ = occasional (6-10), +++ = common (11-50), ++++ = abundant (>50), \* = sufficient charred material for AMS date



**APPENDIX 2**

**Worked and Modified Lithic Materials  
by  
Jim Rylatt**



## Worked and modified lithic materials

by Jim Rylatt

35 pieces of struck or modified flint were recovered by fieldwalking, these weighing a total of 363 grams. This assemblage comprised one side and end (thumbnail) scraper, three utilised flakes, three cores, four core fragments, two primary flakes, 15 unmodified secondary flakes, four unretouched tertiary flakes, and three chunks.

### 1.0 Description

The flint all appears to be derived from secondary deposits. The secondary flakes have a thin, abraded cortex, and where relatively large areas of this surface survive, often exhibit a rounded profile. This indicates that the nodules utilised were water-transported pebbles and cobbles, which would have been rolled and battered by glacial and fluvial forces prior to their initial deposition. This has resulted in the thin, irregular and pockmarked nature of their cortex. The depositional processes of river gravels also limit the size of the nodules and consequently have an effect upon the methods of working employed. Additionally, the widely divergent sources of the nodules incorporated into the gravels account for the considerable variation in colour, composition and quality.

The River Steeping, a small watercourse draining the south-eastern corner of the Wolds, runs between Partney and Spilsby. It is possible that outcropping river terrace gravels may have been the source of much of the lithic material recovered.

### 2.0 Dating

The assemblage contained 23 pieces (65.7%) having diagnostic attributes that enabling some level of coarse chronological determination to be assigned. The majority of this sub-set exhibited traits consistent with Late Neolithic and Bronze Age patterns of working (95.7%). Morphological attributes included the use of cores with multiple platforms, which produced relatively broad flakes, with pronounced bulbs of percussion. Among this group was a small thumbnail type end and side scraper (42 - from context 3039). Only one blade-like flake had a form consistent with the highly controlled patterns of working that characterise Late Mesolithic to Early Neolithic industries (27).

### 3.0 Discussion

This is a very small assemblage, especially considering that it was recovered from ten different areas. By necessity, this factor severely restricts the nature of any interpretation. Analysis has suggested that the majority of the activity represented occurred during the later 3<sup>rd</sup> and earlier 2<sup>nd</sup> millennia BC. Analysis of the distribution of flint and pottery on a number of multi-period sites has indicated that much of the lithic material generated by Later Neolithic and Early Bronze Age industries was placed, or discarded on the contemporary ground surface. Ultimately this has offered less protection to these assemblages, and has resulted in much of the material becoming incorporated into later ploughsoils and/or features

(Healey, 1993: 100). This observation is consistent with the depositional pattern apparent in the worked flint recovered from the Partney Bypass, as many of the artefacts were recovered from medieval furrows, or deposits containing much later material. Only two groups of flint were recovered, nine pieces from a tree bole in Trench 27 and five pieces from ditch 2803 in Trench 28. Ditch 2303 cut an earlier ditch 2810 which contained a sherd of Roman pottery so cannot be securely dated to the prehistoric period.

#### 4.0 References

- Healy, F. 1992 The struck flint. In Bradley, R., Chowne, P., Cleal, R.M.J., Healy, F. and Kinnes, I. *Excavations on Redgate, Hunstanton, Norfolk, and at Tattershall Thorpe, Lincolnshire*. East Anglian Archaeology Report, 57: 92-105.



Find No.	Context	Type	Date	Weight	Complete	Recort.	Burnt	Retouch	Comments
4	K-L u/s	chunk		4		partly			post-dep damage to margins
5	K-L u/s	flake (S)	L.Neo/BA	12	yes				slight post-dep damage
6	508	flake (S)	L.Neo/BA	4	yes				
7	800	core	Neo/BA	22					exhausted core type Cb - blades & flakes
9	1108	flake (S)	L.Neo/BA	1	yes	partly			small flake - one or two poss incipient cones
10	1304	flake (S)	L.Neo/BA	<1	yes	partly			poss struck from reused core
11	1504	flake (S)	L.Neo/BA	1	yes				slight post-dep damage
13	1510	flake (S)	L.Neo/BA	2	yes				slight post-dep damage to margins
14	2103	flake (S)		<1	yes				small blade-like flake - poss. thinning from tool manufact
15	2200	flake (P)		14	yes				poss natural - signif post-dep damage & abrasion
16	2200	chunk		4					
17	2310	flake (S)	BA	8	yes			poss	plunging flake; crude retouch may be post-dep damage
18	2500	core frag	L.Neo/BA	30					unpatterned core (Cb), with large broad flake removals
19	2500	core frag	L.Neo/BA	16			poss		unpatterned core (Cb), with large broad flake removals
20	2804	flake (S)		1	no				prox frag blade-like flake
21	2804	core frag	L.Neo/BA	40					unpatterned core (Cb), with large broad flake removals
22	2804	flake (P)		16	no	partly			dist frag of large flake - broken due to post-dep damage
23	2804	flake (T)	L.Neo/BA	6	no				distal frag of large flake
24	2804	flake (T)		1	yes				blade-like flake
26	3500	utilised flake?	L.Neo/BA	1	yes			poss	poss retouch along dit end; some post-dep damage
27	3704	flake (S)	L.Meso/E.Neo	1	yes				blade-like flake
28	3704	utilised flake?	L.Neo/BA	1	no			poss	dist frag - poss irregular retouch along dist. end
29	3704	flake (S)	L.Neo/BA	48					large irregular flake - large fragment of pebble core (Cb)
30	3804	flake (S)		1	yes				
31	4200	utilised flake		1	no			yes	medial frag of blade-like flake; serial retouch both lat edges
32	2706	flake (S)	L.Neo/BA	2	yes				signif post-dep damage to margins
33	2708	flake (S)		1	no				dist frag
34	2708	flake (T)		1	no				distal frag of blade-like flake
35	2708	flake (T)	L.Neo/BA	2	yes				post-dep damage to margins
36	2708	chunk		10					
37	2708	flake (T)	L.Neo/BA	1	yes				dorsal scars suggest from a keeled core
38	2708	flake (S)		4	yes				
39	2708	core	Neo/BA	30					flake and blade core (B2)

Acc No: 2002.433

PTN 02: Catalogue of worked lithic material

Find No.	Context	Type	Date	Weight	Complete	Recort.	Burnt	Retouch	Comments
40	2708	core frag	L.Neo/BA	24					unpatterned core (Cb), with large broad flake removals type (Cb) with large broad flake removals from 5 platforms
41	2708	core	L.Neo/BA	52					
42	3039	side & end scraper	L.Neo/EBA	1	yes			yes	small thumbnail type produced on primary flake
<b>Total 35</b>			LM/EN 1 N/BA 2 LN/EBA 1 LN/BA 18 BA 1	<b>363g</b>		4 partly	1 poss	2 3 poss	



**APPENDIX 3**

**The Prehistoric Pottery  
Archive List  
by  
Barbara Precious**







**APPENDIX 4**

**The Roman Pottery  
Archive List  
by  
Barbara Precious**



**A Report on the Prehistoric and Roman pottery from The Partney By-pass, Lincolnshire (PTN02) for Lindsey Archaeological Services**

**B J Precious**

27/03/03

*The pottery has been recorded to the basic archive level according to the guidelines of the Study Group for Roman Pottery using the computer codes and pottery recording system of the City of Lincoln Archaeology Unit, with sherd count and weight in grams as the measures. The site archive has been collated using Microsoft 95, Excel 5.0 (PTN02.XLS).*

**Introduction and Dating** (see also *Table 1: Date range for PTN02 by context, sherd count and weight*)

This multi-period site was investigated through two interventions by different areas. Areas B, C, F, I, J and K produced pottery from the first intervention, and Area M during the second - 443 sherds were recovered in total, weighing 8076 grams, and of these 52 sherds, weighing 432 grams, are Prehistoric in date. The date of occupation on the site ranges from probably the Bronze and Iron Age in the Prehistoric period, and from the later 1st to the late 4th century in the Roman.

Almost all of the Prehistoric material came from Area B (45 sherds - 391 grams) together with 3 sherds, weighing 38 grams from Area C, and 4 sherds, weighing 3 grams from Area F. Sherd joins of two different vessels between Contexts 1005 - 1007 in Area B indicate disturbance of the material. Both vessels are hand-made; one with a lid-seated rim (Drawing 18) is in a coarse fabric with erratic inclusions. It is burnt on the interior that indicates use as either a cooking vessel or, possibly, a cremation urn. The other vessel consists of body sherds from a large jar or bowl in a vesicular fabric with leached inclusions including greensand and oolitic iron ore pellets. A further vessel from 1005 is a crudely made, everted-rimmed jar in a shell-tempered fabric (Drawing 17).

Unfortunately, there are few good diagnostic features on this pottery, some of which is also very abraded with a low average sherd weight of 8 grams, to give precise dating. However, the erratic and oolitic iron ore fabrics are indicative of a probable Bronze Age date. Native-tempered pottery from 804 and Vesicular ware from 1108 are likely to be, at least, Iron Age in date.

One sherd of Roman pottery, broadly dated to at least the 2nd century AD, also came from Area B, together with post-Roman material. Area K also contained pottery (5 sherds) of this date together with post-Roman wares. Area I produced 4 sherds, including 3 samian fragments, that provide a mid to late 2nd century date for activity in this part of the site.

The bulk of the Roman assemblage came from Area J including several contexts that also contained post-Roman wares. A sherd in a coarse fabric from 3403 may be Iron Age in date, but the accompanying sherd of grey is of at least 2nd century date. There is no Roman pottery from this Area that is earlier than the 2nd, probably mid-2nd, century in date. A few contexts contain wares of late 2nd to 3rd century date, including 3063 with 33 sherds, weighing 438 grams, but most of the contexts date from the mid 3rd century into the 4th - largely based on the presence of Nene Valley products and shell-tempered Dales ware. Context 3000 produced the largest group of pottery with 55 sherds weighing 956 grams, and is dated to the mid-4th century based on the presence of a lid-seated jar in Local Coarse ware (LCOA) together with an inturned bead and flanged, grey ware bowl (BIBF). However, this group also includes a few post-Roman wares. Context 3044, on the other hand, is also dated to at least the mid 4th century but with no post-Roman pottery.

The second largest group came from Area M and is dated to virtually the same period, but lacking any post-Roman wares. Three contexts, 4908, 5606 and 5608 produced sherds of Iron Age gritty ware (IAGR) that is dated from the mid-1st to the early 2nd century - the earliest Roman pottery from the entire site. All of the sherds are wheel made suggesting a date towards the end of the 1st century. Context 5608, also contained the only sherd of 1st century South Gaulish samian from the site, whilst



4908, although producing a good example of a native-tradition cooking pot (IAGR-CPN, Drawing 24), also contained a sherd of colour-coated of mid – late 2nd century date. The groups from Contexts 5004 and 5704 consist of smashed vessels, suggesting that they were primary depositions, and are dated to the mid-4th and late 3rd to 4th centuries, respectively.

### Condition

In contrast to the low average sherd/weight for the Prehistoric pottery the average for Area J is much higher at 17 grams, and that for Area M, containing the smashed vessels and part-profiles is 24 grams. Most of the pottery is in good condition, although several sherds from Area J are water worn, and the samian ware, which is generally earlier in date, is frequently abraded. Sooting occurs mainly on the rims and exteriors and occasionally on the interior of grey ware vessels as the result of culinary activities. Two fragments are encrusted (4910 – GREY, JBL and 4914 – GREY, JBLS), and the fabrics of several of the shell-tempered pots are leached. There are only two sherd joins, Area M – 4904 and 4910.

### Statement of Potential (see Table 1, below)

The presence of Prehistoric pottery in this area is of regional importance, in particular for the geological inclusions in the fabrics. Previous evidence for Roman occupation in this vicinity is rare; therefore the presence of this large, predominantly late Roman assemblage is exceptional. Although there is no physical evidence for Roman buildings, the fact that there are several smashed vessels and part-profiles in Area M, in particular, suggests that there is a large occupation site nearby.

There is a wide range of fabrics and forms within the Roman assemblage, including several unusual vessels, that demonstrate the date and status of the material (see Table 2: List of Illustrations). The occurrence of samian ware, imported from all the major sources in Gaul, is indicative of relatively high status occupation, as is a rare vessel with painted decoration in Parchment ware (Drawing 21). A significant amount of pottery was manufactured in the Nene Valley area and one, a vessel in Black-burnished, came from Dorset - again indicative of high status residents with access to markets or individuals distributing these wares. Pottery manufactured at the Swanpool kilns in Lincoln (MOSP, LCOA and some GREY) demonstrates the presence of a trade route for the distribution of these wares. Clearly the distributors of these ceramics found it worth their while to transport these goods a considerable distance.

Table 1: The pottery fabrics from PTN02 by sherd count and weight

Fabric	Code	Sherds	%	Grams	%
Black-burnished 1	BB1	1	0.23%	9	0.11%
Colour-coated ware	CC	1	0.23%	2	0.02%
Coarse-tempered ware	COAR	34	7.67%	356	4.41%
Cream ware	CR	6	1.35%	45	0.56%
Dales ware	DWSH	4	0.91%	42	0.52%
Fired clay	FCLAY?	3	0.68%	6	0.07%
Misc. Fine ware	FINE	1	0.23%	3	0.04%
Fine grey ware	GFIN	4	0.90%	88	1.09%
Local grey ware	GREY	257	58.01%	5566	68.92%
Fairly fine grey ware	GRFF	2	0.45%	359	4.45%
Grog-tempered ware	GROG	4	0.91%	54	0.66%
Grey with 'sandwich' core	GRSAN	3	0.68%	39	0.48%
Grey with brown surfaces	GYBN	2	0.45%	35	0.43%
Iron Age gritty ware	IAGR	5	1.13%	94	1.16%
Local coarse ware	LCOA	10	2.26%	375	4.64%
Nene Valley mortaria	MONV	1	0.23%	33	0.41%
Swanpool mortaria	MOSP	2	0.46%	46	0.56%

Native-tempered ware	NAT	1	0.23%	9	0.11%
Nene Valley colour-coat	NVCC	4	0.90%	20	0.25%
Nene Valley grey ware	NVGW	1	0.23%	6	0.07%
Oxidised ware	OX	8	1.81%	93	1.15%
Fine oxidised ware	OXF	1	0.23%	4	0.05%
Parchment ware	PARC	6	1.35%	54	0.67%
Parisian-type ware	PART	1	0.23%	4	0.05%
Central Gaulish samian	SAMCG	16	3.61%	103	1.28%
East Gaulish samian	SAMEG?	1	0.23%	20	0.25%
South Gaulish samian	SAMSG	1	0.23%	2	0.02%
Shell-tempered ware	SHEL	28	6.32%	222	2.74%
Vesicular ware	VESIC	35	7.90%	387	4.79%
	TOTAL	443 <sup>8</sup>	100.00%	8076	100.00%

### Further Work

Specialist identification of the Prehistoric pottery would refine the dating of these wares. They would also be good examples for thin section analysis in order to provide a good geological background for their distribution. As there is very little published material from this area, it is essential that the vessels selected for drawing, both for their intrinsic value and for dating purposes, be illustrated in order to establish a comprehensive type series for this area (see Table 2).



Table 1: Date range for PTN02 by Context, sherd count and weight

Context	Trench	Sherds	Weight	Date range
700	B	1	27	2C+/POSTRO
804	B	1	9	PREH/IA?
1005	B	18	160	PREH/BA
1006	B	15	124	PREH/BA
1007	B	8	77	PREH/BA
1108	B	2	19	PREH
1112	B	1	2	PREH
1304	C	3	38	PREH/IA?
2206	F	4	3	PREH
2711	I	3	23	ML2C+
2805	I	1	1	2C
2900	J	2	28	3-4C/POSTRO
3000	J	55	956	M4C/POSTRO
3006	J	11	340	M3-E4C
3013	J	5	24	ML2C+
3014	J	3	31	3C+
3020	J	28	590	3C
3022	J	8	116	EM3
3028	J	5	52	M2-3C
3039	J	2	26	RO
3044	J	2	100	M4C+
3053	J	2	8	M2-3C
3058	J	1	41	ML3C
3059	J	5	89	M3-4C
3061	J	1	1	M2C+
3063	J	33	438	L2-E3
3067	J	9	104	L3-4C?
3069	J	10	192	M3-4C/POSTRO?
3210	J	7	96	M2-3C
3211	J	2	35	M3-4C
3307	J	1	8	M2C+/POSTRO
3309	J	5	163	ML3C
3316	J	1	6	2-3C+
3400	J	1	7	2C+/POSTRO
3403	J	2	3	IA?-2C+
3410	J	2	40	2C+/POSTRO
3412	J	7	81	L2-3C+
3514	J	1	15	M2-3C
3522	J	4	73	3C+/POSTRO?
US-J	J	19	373	L4C/POSTRO?
US-KL	KL	39	879	4C/POSTRO?
3604	K	1	44	2C+
3701	K	1	6	2C+/POSTRO
3810	K	1	11	RO/POSTRO
4100	K	1	12	RO/POSTRO
4105	K	1	8	2C+/POSTRO
4904	M	1	11	1-2C
4908	M	9	162	ML2-E3

Table 1: Date range for PTN02 by Context, sherd count and weight

4910 M	10	265	M2-E3
4912 M	2	87	M2-3C
4914 M	2	94	M2-E3
5004 M	30	782	M4C
5006 M	1	5	2-4C
5010 M	1	9	3-4C
5400 M	1	31	M2-3C+
5504 M	1	80	3-4C
5505 M	5	43	RO
5606 M	2	22	1-2C
5608 M	5	60	1C+
5704 M	32	892	L3-4C
5705 M	6	54	2C+
	443	8076	TOTAL



Table 2: List of Illustrations for PTN02

Context	Fabric	Form	Dec	Novess	Dwg	Alter	Comments	Join	Shs	Wt	Area
US-KL	GREY	JS			D1	ABR	RIM SHLDR LID SEAT CF US AREA J		1	105	K-L
US-KL	GREY	BFB			D2	ABR	RIM UPPER WALL		1	32	K-L
US-KL	GREY	BWM	SWL		D3		RIM SHLDR		1	36	K-L
US-KL	GREY	BGR			D4		RIM GIRTH		1	22	K-L
US-KL	GREY	BFB			D5	ABR	RIM UPPER WALL		1	27	K-L
US-KL	GREY	DPR			D6		RIM GIRTH		1	28	K-L
US-KL	VESIC	JBL			1 D7	LEACH	RIM LID SEAT CF DWG 1 BSS		3	26	K-L
3309	GREY	BTR			D8		RIM VAR CURVED BASE PROF		1	89	J
3058	COAR	JLS			D9		RIM FAB AS JDW VAR 3006		1	41	J
3044	LCOA	JDLS			D10		RIM NECK SLIGHT DLS		1	94	J
3006	LCOA	JDWV			1 D11	BURNT	RIM SHLDR BS ;DEVELOPED JDW		2	152	J
3028	GREY	CP			D12	BURNTE	RIM SHLDR CF BBTYPE		1	38	J
3022	GREY	BTR			D13	WWORN	RIM LWR WALL		1	44	J
3063	GREY	BWM			1 D14	SOOTR	RIMS GIRTH BS J GROOVED GIRTH		3	66	J
3063	SHEL	JCUR			1 D15	LEACH	RIMS BSS GROOVES CF BOURNE;BURNTEX		17	126	J
3000	GREY	BFB			D16		RIM GIRTH		1	37	J
1005	SHEL	JEV	HM		1 D17	LEACH	RIM BS;CRUDE;PREH?		2	9	B
1005	COAR	JLS	HM		D18	BURNTIN	RIM BSS;ERRATIC;	1006-7	3	17	B
1006	COAR	JLS	HM		1 D18	BURNTIN	RIM BSS;ERRATIC;	1005;1007	11	78	B
1007	COAR	JLS	HM		1 D18	BURNTIN	RIM BSS;ERRATIC;	1005-6	7	69	B
4914	GREY	BBIF	B		D19		RIM LWR WALL NR PROF		1	67	M
5606	GREY	J	STCO		D20	SOOTEX	BS ROW STCO SMALL CIRCLES		1	9	M
5704	LCOA?	JLS			1 D20	SOOTR	RIM SHLDR BS V NEAR LCOA		2	71	M
5705	PARC	FS	PA;ROUZ		1 D21	ABR	RIM NECK;FRILL;RED PA;CF NVFAB		6	54	M
5608	GREY	BLS			D22		RIM NECK THICK RIM;CLAY PELLETS		1	36	M
4910	GREY	BWM			1 D23		RIM GIRTH BS FINE NEAT VESS ML2		2	40	M
4908	IAGR	CPN			1 D24		RIM UPPER WALL BS		2	64	M
5004	GREY	BWM			D25		RIM GIRTH SHORT NECK		1	52	M
5004	GRFF	BFB			D26		RIM GIRTH VLGE WARPED FLANGE		1	332	M
5004	VESIC	JHUNV			D27	LEACH	RIM SHLDR V SLIGHT GROOVE JHUNH		1	42	M
5704	GREY	BWM			D28		RIM GIRTH SHORT NECK		1	45	M
5704	GREY	L	B		D29		RIM UPPER WALL		1	38	M
3044	COAR	BFL			D?		RIM CLAY PELLETS		1	6	J
4912	GFIN	BTR			D?	ABR	RIM BASE		1	73	M
5704	GREY	BTR		1?	D?		RIM LWR WALL BS		3	53	M
5704	GREY	DPR	B		1 D?	SOOTIN	RIMS BASE PROF NEAR 50% VESS		3	234	M
4914	GREY	JBLS			D?	ENCRUS	RIM NECK VTHICK NR JS; FRIABLE		1	27	M



The Roman pottery from The Partney By-pass for LAS (PTN02)

Context	Fabric	Form	Dec	Novess	Dwg	Alter	Comments	Join	Shs	Wt	Trench
700	GYBN	JBL					BS SHLDR GROOVE; GRY CORE BN SURFS		1	27	B
700	ZDATE						2C+/POSTRO				B
804	NAT	CLSD	HM			SOOTIN	BASE		1	9	B
804	ZDATE						PREH/IA?				B
1005	COAR	JLS	HM		D18	BURNTIN	RIM BSS;ERRATIC;	1006-7	3	17	B
1005	SHEL	JEV	HM	1	D17	LEACH	RIM BS;CRUDE;PREH?		2	9	B
1005	VESIC	JBL	HM	1		LEACH	BSS GREENSAND OOLITIC FE?;AS IN	1006;1007	13	134	B
1005	ZDATE						PREH/BA				B
1006	COAR	JLS	HM	1	D18	BURNTIN	RIM BSS;ERRATIC;	1005;1007	11	78	B
1006	VESIC	JBL	HM	1		LEACH	BSS GREENSAND OOLITIC FE?;AS IN	1005;1007	4	46	B
1006	ZDATE						PREH/BA				B
1007	COAR	JLS	HM	1	D18	BURNTIN	RIM BSS;ERRATIC;	1005-6	7	69	B
1007	VESIC	JBL	HM	1		LEACH	BSS GREENSAND OOLITIC FE?;AS IN	1005;1006	1	8	B
1007	ZDATE						PREH/BA				B
1108	VESIC	JS		1		LEACH	BS THICK CLAY PELLETS? LEACHED		2	19	B
1108	ZDATE						PREH				B
1108	ZZZ						POSS IA				B
1112	VESIC					LEACH	BS BURNT BLK		1	2	B
1112	ZDATE						PREH				B
1304	VESIC	CLSD	HM	1		LEACH	BASE RDBN SANDY		2	26	C
1304	VESIC	CLSD	HM			VABR	BASE RDBN;PROB SHEL;SHCM		1	12	C
1304	ZDATE						PREH/IA?				C
1304	ZZZ						RESIDUAL				C
2206	VESIC					VABR	FRAG RDBN GREENSAND		1	1	F
2206	VESIC					VABR	FRAG OLLITIC FE		1	1	F
2206	VESIC			1		VABR	FRAGS LEACH POSS SHELL		2	1	F
2206	ZDATE						PREH				F
2711	GREY	OPEN?				ENCRUS	BASE		1	22	I
2711	SAMCG			1		VABR	FLAKES		2	1	I
2711	ZDATE						ML2C+				I
2711	ZZZ						MIX?				I
2805	SAMCG	D?				ABR	FLAKE		1	1	I
2805	ZDATE						2C				I
2805	ZZZ						SAM ONLY				I
2900	GREY	CLSD					BS		1	16	J
2900	GREY	DGR				ABR	RIM UPPER WALL		1	12	J
2900	ZDATE						3-4C/POSTRO				J



The Roman pottery from The Partney By-pass for LAS (PTN02)

3000	FINE	JBK					BS OX EXT GREY INT		1	3	J
3000	GREY	B334		1?			RIM BS CARINATED		2	23	J
3000	GREY	BD					BASE		1	18	J
3000	GREY	BFB			D16		RIM GIRTH		1	37	J
3000	GREY	BIBF					RIM SLIGHT INTURN FLANGE BKN		1	12	J
3000	GREY	BTR					RIM		1	15	J
3000	GREY	BWM					RIM THICK		1	21	J
3000	GREY	CLSD				VABR	BASES BSS		5	59	J
3000	GREY	CLSD					BS CLAY PELLETS		1	3	J
3000	GREY	CP				SOOTR	RIM		1	16	J
3000	GREY	J					BASES BSS		19	230	J
3000	GREY	J	ROUZ				BS		1	5	J
3000	GREY	J	ROUJ				BS JUDDERED		1	8	J
3000	GREY	J					BS FINE SILTY FAB		1	20	J
3000	GREY	JBK					BSS THINNER		2	7	J
3000	GREY	JBL					BASE BSS THICK		7	252	J
3000	GREY	JCUR				SOOTR	RIM		1	8	J
3000	GREY	JS				ABR	BS BODY GROOVES		1	109	J
3000	LCOA	JLS					RIM		1	12	J
3000	MONV	MRR					RIM UPPER WALL		1	33	J
3000	MOSP	M				VABR	BS BLK FE TRITS		1	23	J
3000	OX					VABR	BSS		2	27	J
3000	SAMCG		31			ABR	RIM GIRTH		1	8	J
3000	SHEL	J					BS		1	7	J
3000	ZDATE						M4C/POSTRO				J
3000	ZZZ						SOME 2C SAM				J
3006	GREY	CLSD				WWORN	BASE BN SURFS GRY CORE NR LCOA;STRING		1	60	J
3006	GREY	J				WWORN	BSS		3	21	J
3006	GREY	JBL				WWORN	BSS		2	89	J
3006	GREY	JBL					BS		1	9	J
3006	LCOA	JDWV			1	D11	BURNT	RIM SHLDR BS ;DEVELOPED JDW	2	152	J
3006	NVCC	BK					BS;GRY FAB		1	5	J
3006	SAMCG	18/31-31					BS BASAL		1	4	J
3006	ZDATE						M3-E4C				J
3013	GREY	J				WWORN	BSS		2	11	J
3013	SAMCG	18/31-31			1		ABR	RIMS POSS SAMLM	3	13	J
3013	ZDATE						ML2C+				J
3014	COAR	CLSD	HM?				BURNTIN	BS RDBN EXT RO?	1	3	J

The Roman pottery from The Partney By-pass for LAS (PTN02)

3014	GREY	BD			WWORN	BASE STRING		1	20	J
3014	GREY	J			WWORN	BS		1	8	J
3014	ZDATE					3C+				J
3020	FCLAY?			1	VABR	FRAGS OXIDISED BURNT		3	6	J
3020	GREY	BWM				RIM SHORT NECK		1	11	J
3020	GREY	BWM			VABR	RIM		1	11	J
3020	GREY	J				BSS BODY GROOVES		3	109	J
3020	GREY	J				BSS MISC		8	74	J
3020	GREY	JBK			ABR	BS THIN WALLED		1	2	J
3020	GREY	JBL				BASE STRING		1	122	J
3020	GREY	JBL			VABR	BS		1	13	J
3020	GREY	JS				BASE		1	171	J
3020	NVCC	BK		1		BASES J EFAB V NARROW		2	14	J
3020	OX	CLSD			ABR	FTM RDBN		1	23	J
3020	OXF	CLSD				BS PALE ORANGE EXT GRY INT		1	4	J
3020	SHEL	CLSD		1	BURNTIN	BSS BODY GROOVE LEACHED		4	30	J
3020	ZDATE					3C				J
3020	ZZZ					MIX? SOME VABR; POSS M3+				J
3022	DWSH?	CLSD			LEACH	BS BURNT		1	6	J
3022	GREY	BTR		D13	WWORN	RIM LWR WALL		1	44	J
3022	GREY	CLSD			ABR	BS BODY GROOVES		1	13	J
3022	GREY	J				BSS		2	14	J
3022	OX	CLSD		1		BSS GRY CORE PROB RO		2	18	J
3022	SAMCG	B				FTM MOULDED CF 37 TYPE OR 38-41		1	21	J
3022	ZDATE					EM3				J
3028	CR	F?				BS VMICA POSS BK		1	4	J
3028	GREY	CP		D12	BURNT	RIM SHLDR CF BBTYPE		1	38	J
3028	GREY	J				BSS		3	10	J
3028	ZDATE					M2-3C				J
3039	GROG?	CLSD	WM		VABR	BS FLAKE; OR CLAY PELLETS		2	26	J
3039	ZDATE					RO				J
3039	ZZZ					PROB MLROM				J
3044	COAR	BFL		D?		RIM CLAY PELLETS		1	6	J
3044	LCOA	JDLS		D10		RIM NECK SLIGHT DLS		1	94	J
3044	ZDATE					M4C+				J
3053	GREY	J		1		BSS; WORN EXT SURFS		2	8	J
3053	ZDATE					M2-3C				J
3058	COAR	JLS		D9		RIM FAB AS JDW VAR 3006		1	41	J



The Roman pottery from The Partney By-pass for LAS (PTN02)

3058	ZDATE					ML3C			J	
3059	GREY	BWM		1		BSS BODY GROOVES	2	32	J	
3059	GREY	BWM				BS BDOY GROOVES	1	20	J	
3059	GREY	J				BS BASAL	1	32	J	
3059	GROG?				ABR	BS BURNT INT	1	5	J	
3059	ZDATE					M3-4C			J	
3061	GREY	CLSD				BS V SMALL	1	1	J	
3061	ZDATE					M2C+			J	
3063	GREY	BWM		1	D14	SOOTR	RIMS GIRTH BS J GROOVED GIRTH	3	66	J
3063	GREY	J				BSS	3	66	J	
3063	GREY	J		1		BSS	5	19	J	
3063	GREY	JS				ABR	BASE; FRAG FLINT INC	1	108	J
3063	MOSP?	M				BS	1	23	J	
3063	NVGW	JCAR				BS GIRTH CORDON GROOVE	1	6	J	
3063	SAMCG	37				RIM FRESH	1	13	J	
3063	SAMCG	B				ABR	FTRG MOULDED 30-37 38-41	1	11	J
3063	SHEL	JCUR		1	D15	LEACH	RIMS BSS GROOVES CF BOURNE;BURNTEX	17	126	J
3063	ZDATE					L2-E3			J	
3067	DWSH					SOOTIN	BSS	2	22	J
3067	GREY	BFB?					RIM FLANGE BKN	1	10	J
3067	GREY	BWM?					BS	1	29	J
3067	GREY	CLSD					BASE STRING	1	13	J
3067	GREY	J					BSS THINNER	2	8	J
3067	GREY	J					BS	1	13	J
3067	GREY	JCUR					RIM NECK	1	9	J
3067	ZDATE						L3-4C?		J	
3069	CC	CLSD					BS FINE GRY FAB ORNGE RED CC	1	2	J
3069	COAR	CLSD				VSOOTIN	BS VOIDS FOR LGE PEBBLES LCOA?	1	23	J
3069	COAR	JBL					BS W LGE CLAY PELLETS	1	36	J
3069	GREY	J					BSS	2	11	J
3069	GREY	JBL					BSS;1 BURNT EDGE	2	82	J
3069	GREY	JCUR					BS NECK	1	12	J
3069	GREY	OPEN?					BS SMOOTH INT	1	20	J
3069	OX	JBK					BASE ORNGE EXT GRY INT	1	6	J
3069	ZDATE						M3-4C/POSTRO?		J	
3069	ZZZ						2 SHS MED; ROM QUITE FRESH		J	
3210	COAR	CLSD					BS CLAY PELLETS	1	18	J
3210	GFIN	JBK					BS DK GRY CORE	1	2	J

The Roman pottery from The Partney By-pass for LAS (PTN02)

3210	GREY	BTR?			ABR	RIM FRAG		1	3	J
3210	GREY	J				BSS		3	27	J
3210	GREY	JBL				BASE		1	46	J
3210	ZDATE					M2-3C				J
3211	COAR	CLSD				BS OX EXT BLK INT CLAY PELLETS		1	9	J
3211	GREY	BWM				RIM		1	26	J
3211	ZDATE					M3-4C				J
3307	GREY	J				BS		1	8	J
3307	ZDATE					M2C+/POSTRO				J
3309	DWSH	JDW				RIM; TYPICAL		1	14	J
3309	GREY	BTR		D8		RIM VAR CURVED BASE PROF		1	89	J
3309	GREY	BWM				BS BODY GROOVES		1	43	J
3309	GREY	BWM?				BS THICK		1	16	J
3309	SAMCG					FLAKE		1	1	J
3309	ZDATE					ML3C				J
3316	GREY	J				BS		1	6	J
3316	ZDATE					2-3C+				J
3400	GREY	J				BS		1	7	J
3400	ZDATE					2C+/POSTRO				J
3403	COAR				ABR	BS IA?		1	2	J
3403	GREY					CHIP; 2C+		1	1	J
3403	ZDATE					IA?-2C+				J
3403	ZZZ					MIX?				J
3410	GREY	CLSD				BS		1	5	J
3410	GREY	J				BS		1	35	J
3410	ZDATE					2C+/POSTRO				J
3412	COAR				VABR	BS PART OXID		1	9	J
3412	GREY	CLSD		1		BSS BODY GROOVES		5	40	J
3412	GREY	JB			BURNT	FTM; NEAT BURNT OXID		1	32	J
3412	ZDATE					L2-3C+				J
3514	GREY	BWM?			ABR	BS; BODY GROOVE		1	15	J
3514	ZDATE					M2-3C				J
3522	GREY	BK			ABR	FTM NARROW		1	21	J
3522	GREY	J		1		BSS J		2	46	J
3522	SHEL?	CLSD			LEACH	BS; SOOTIN		1	6	J
3522	ZDATE					3C+/POSTRO?				J
3604	GREY	BFL			VABR	RIM GIRTH WATER WORN; LARGE		1	44	K
3604	ZDATE					2C+				K



The Roman pottery from The Partney By-pass for LAS (PTN02)

3701	GREY	J					BS		1	6	K
3701	ZDATE						2C+/POSTRO				K
3810	OX	L					RIM		1	11	K
3810	ZDATE						RO/POSTRO				K
3810	ZZZ						PROB 2C+				K
4100	GREY	L				SOOTEX	RIM BLK A SAND		1	12	K
4100	ZDATE						RO/POSTRO				K
4100	ZZZ						PROB 2-3C				K
4105	OX	CLSD				ABR	BASE; GRY CORE ; HREY BURNT?		1	8	K
4105	ZDATE						2C+/POSTRO				K
4904	CR	F?					BS AS IN	4910	1	11	M
4904	ZDATE						1-2C				M
4908	GREY	B334					BS GIRTH ANGLE; FINE THIN		1	3	M
4908	GREY	BD	B				BASE; CF BB2		1	52	M
4908	GREY	CP	LA			SOOTEX	BS LA FAINT		1	3	M
4908	GRSAN	BNK					RIM NECK POSS B334		1	19	M
4908	GRSAN	J					BASE		1	13	M
4908	GRSAN	J				SOOTEX	BS		1	7	M
4908	IAGR	CPN			1	D24	RIM UPPER WALL BS		2	64	M
4908	NVCC	BK?				VABR	BS CC LOST		1	1	M
4908	ZDATE						ML2-E3				M
4908	ZZZ						MIX? CPN L1-EM2 + M2-3C NVCC				M
4910	CR	F			1		BSS; AS IN	4904	3	25	M
4910	GREY	BWM			1	D23	RIM GIRTH BS FINE NEAT VESS ML2		2	40	M
4910	GREY	J					BSS		2	16	M
4910	GREY	JBL					BASE 100% V THICK		1	152	M
4910	GREY	JBL				ENCRUS	BS THICK CLAY PELLETS		1	28	M
4910	PART	BK					BS		1	4	M
4910	ZDATE						M2-E3				M
4912	GFIN	BTR			D?	ABR	RIM BASE		1	73	M
4912	GREY	BWM?					BS; NECK CURVE		1	14	M
4912	ZDATE						M2-3C				M
4914	GREY	BBIF	B		D19		RIM LWR WALL NR PROF		1	67	M
4914	GREY	JBLS			D?	ENCRUS	RIM NECK VTHICK NR JS; FRIABLE		1	27	M
4914	ZDATE						M2-E3				M
5004	BB1	CP	B				BS		1	9	M
5004	GFIN	JBK	B				BS THIN WALLED		1	3	M
5004	GREY	BWM			D25		RIM GIRTH SHORT NECK		1	52	M

The Roman pottery from The Partney By-pass for LAS (PTN02)

5004	GREY	CLSD				ABR	BS EXT SURF ABR		1	9	M
5004	GREY	CP	B		1	SMASH	RIMS BSS SOME EXT SURF LOST		10	124	M
5004	GREY	DPR			1		RIMS LWR WALL PART ABR		2	29	M
5004	GREY	J					BSS		3	21	M
5004	GREY	J					FTM		1	13	M
5004	GREY	JBL					BS THICK CLAY PELLETS		1	18	M
5004	GRFF	B334					BS GIRTH ANGLE; FINE THIN		1	27	M
5004	GRFF	BFB			D26		RIM GIRTH VLGE WARPED FLANGE		1	332	M
5004	SAMCG	31ETC				ABR	RIM UPPER WALL 2 DIFF VESS		1	7	M
5004	SAMCG	31ETC				ABR	RIM UPPER WALL 2 DIFF VESS		1	7	M
5004	SAMEG?	BD				ABR	BS; FAB MORE ORANGE		1	20	M
5004	VESIC	CLSD			1	SOOTEX	BSS PROB LEACHED SHELL		3	69	M
5004	VESIC	JHUNV			D27	LEACH	RIM SHLDR V SLIGHT GROOVE JHUNH		1	42	M
5004	ZDATE						M4C				M
5004	ZZZ						MIX SOME 2-E3C				M
5006	GREY					VABR	BASE STRING		1	5	M
5006	ZDATE						2-4C				M
5010	GREY	JHA?				VABR	BS HANDLE SCAR?		1	9	M
5010	ZDATE						3-4C				M
5400	GREY	JLH					HANDLE 2R; COARSE GREY		1	31	M
5400	ZDATE						M2-3C+				M
5504	GREY	BD					BASE		1	80	M
5504	ZDATE						3-4C				M
5505	GREY	JNN?	WM		1	SMASH	BSS NECK; MIN CLAY PELLETS ORGANIC		5	43	M
5505	ZDATE						RO				M
5505	ZZZ						PROB 2-4C				M
5606	GREY	J	STCO		D20	SOOTEX	BS ROW STCO SMALL CIRCLES		1	9	M
5606	IAGR?	JBL	WM				BS; RDBN EXT GRY INT		1	13	M
5606	ZDATE						1-2C				M
5608	CR	CLSD					BS POSS FLAGON		1	5	M
5608	GREY	BLS			D22		RIM NECK THICK RIM; CLAY PELLETS		1	36	M
5608	IAGR?	CLSD	WM		1		BSS; CLAY PELETS		2	17	M
5608	SAMSG	18?				ABR	BS UPPER WALL		1	2	M
5608	ZDATE						1C+				M
5704	COAR	CP?			1?	SOOTEX	RIM FRAG BSS		3	34	M
5704	GFIN	BWM?					RIM THIN WALL FINE VESS SMALL		1	10	M
5704	GREY	BTR			1?	D?	RIM LWR WALL BS		3	53	M
5704	GREY	BWM				D28	RIM GIRTH SHORT NECK		1	45	M



The Roman pottery from The Partney By-pass for LAS (PTN02)

5704	GREY	CLSD					BSS SONE ABR		7	92	M
5704	GREY	CP	LA		1		BSS		4	84	M
5704	GREY	CP?					BS COARSER FAB		2	6	M
5704	GREY	DPR	B		1	D?	SOOTIN RIMS BASE PROF NEAR 50% VESS		3	234	M
5704	GREY	J					BASE		1	86	M
5704	GREY	JBL			1		ABR BSS THICK		2	123	M
5704	GREY	L	B			D29	RIM UPPER WALL		1	38	M
5704	LCOA?	JLS			1	D20	SOOTR RIM SHLDR BS V NEAR LCOA		2	71	M
5704	SAMCG	31ETC			1		VABR BSS		2	16	M
5704	ZDATE						L3-4C				M
5704	ZZZ						GOOD GROUP SMASHED VESSELS				M
5705	PARC	FS	PA;ROUZ		1	D21	ABR RIM NECK;FRILL;RED PA;CF NVFAB		6	54	M
5705	ZDATE						2C+				M
5705	ZZZ						RARE FORM				M
US-J	GREY	BD	B				ABR BASE SLIGTH BURNISH INT		1	21	J
US-J	GREY	BWM					ABR RIM V HIGH NECK 4C TYPE		1	61	J
US-J	GREY	CLSD					BSS MISC SOME ABR		7	68	J
US-J	GREY	CP			3		SOOTR RIMS BS NECK		3	21	J
US-J	GREY	JBL					ABR BSS		2	76	J
US-J	GREY	JS					BS THICK		1	38	J
US-J	GREY	JS					ABR RIM LID SEATED ID SMALLER DWG 1		1	47	J
US-J	GYBN	J					ABR GRY CORE BN SURFS		1	8	J
US-J	LCOA	CLSD					BS		1	9	J
US-J	LCOA	JDLS					RIM		1	24	J
US-J	ZDATE						L4C/POSTRO?				J
US-KL	COAR	J					BS NR LCOA		1	11	K-L
US-KL	GREY	B334					BS THIN WALLED		1	6	K-L
US-KL	GREY	BD					SOOTIN BASE		1	28	K-L
US-KL	GREY	BFB				D2	ABR RIM UPPER WALL		1	32	K-L
US-KL	GREY	BFB					RI M UPPER WALL AS DWG 2		1	24	K-L
US-KL	GREY	BFB				D5	ABR RIM UPPER WALL		1	27	K-L
US-KL	GREY	BGR				D4	RIM GIRTH		1	22	K-L
US-KL	GREY	BWM	SWL			D3	RIM SHLDR		1	36	K-L
US-KL	GREY	CLSD					BS CLAY PELLETS		1	7	K-L
US-KL	GREY	DPR				D6	RIM GIRTH		1	28	K-L
US-KL	GREY	DPR					VABR RIM UPPER WALL		1	9	K-L
US-KL	GREY	J					BASE		1	20	K-L
US-KL	GREY	J					FTM OXID EXT STRING		1	62	K-L

The Roman pottery from The Partney By-pass for LAS (PTN02)

US-KL	GREY	J					BSS MISC SOME ABR		13	221	K-L
US-KL	GREY	JBL				ABR	BS PART OXID		1	62	K-L
US-KL	GREY	JBL					BS		1	33	K-L
US-KL	GREY	JS			D1	ABR	RIM SHLDR LID SEAT CF US AREA J		1	105	K-L
US-KL	GREY	OPEN?				VABR	BASE W MIN CLAY PELLETS		1	40	K-L
US-KL	GROG	CLSD					BS BODY GROOVES		1	23	K-L
US-KL	LCOA	CLSD					BS		1	4	K-L
US-KL	LCOA	JLS				VABR	RIM POSS JDLS		1	9	K-L
US-KL	SHEL	CLSD					BS		1	4	K-L
US-KL	SHEL	J				LEACH	BASE		1	25	K-L
US-KL	SHEL	JBCUR				LEACH	RIM		1	15	K-L
US-KL	VESIC	JBL			1 D7	LEACH	RIM LID SEAT CF DWG 1 BSS		3	26	K-L
US-KL	ZDATE						4C/POSTRO?				K-L
US-KL	ZZZ						POSS M4C;HOMOG EX B334; VESIC -ML2				K-L



**APPENDIX 5**

**The Post-Roman Pottery  
Archive List  
by  
Jane Young**



## Archive Report on the Post-Roman Pottery from Partney (PTN02)

Jane Young

### Introduction

Two hundred and ninety-seven sherds of post-Roman pottery representing about two hundred and eighty-four vessels (weighing 4686 grams) were recorded from archaeological interventions (Table 1). Vessels range in date from the Anglo-Saxon to early modern periods. The pottery was examined both visually and using x20 magnification, then recorded on an Access database using locally and nationally agreed codenames

Table 1: Sherd count of Post-Roman Pottery by Broad Ceramic Period

ceramic period	Area A	Area B	Area C	Area D	Area E	Area F	Area G	Area J	Area K	Area K-L	Area L	Area M	Total sherds
Anglo-Saxon (5 <sup>th</sup> to 8 <sup>th</sup> )		1											1
Middle Saxon (8 <sup>th</sup> to 9 <sup>th</sup> )		1											1
Saxo-Norman (10 <sup>th</sup> to 12 <sup>th</sup> )			13						1	1			15
Early medieval (12 <sup>th</sup> )			2										2
Medieval (13 <sup>th</sup> to 15 <sup>th</sup> )	1	7	8			2		47	41	26	5	1	138
Late to post-medieval (late 14 <sup>th</sup> to 18 <sup>th</sup> )	3	7		1	1	6		27	28	37		1	111
Early modern (late 18 <sup>th</sup> to 20 <sup>th</sup> )					2	11	6	1					20
Not known			1						2	6			9
Total	4	16	24	1	3	19	6	75	72	70	5	2	297

### Condition

Few sherds are in a fresh condition and most of the material has been badly damaged by plough action. Almost every sherd is heavily abraded leaving little evidence of glaze on most of the medieval glazed wares. Little evidence for use remains with only eleven vessels having evidence for soot residues. The shell and oolitic inclusions have been leached from most sherds often making identification difficult.

### Overall Chronology and Typology

Much of the pottery recovered can not be used for precise dating. No overall fabric, or vessel type series, exists for the county and little well stratified material has been recovered from the area. Dating relies on pottery types with established chronologies; mainly those produced in, or, found in, the large urban centres of Nottingham and Lincoln. Only a small number of sherds were found in most fields, suggesting that much of the material was deposited as manuring on the fields. Areas J and K however, produced significantly higher concentrations suggesting that they may be nearer medieval



occupation. Thirty-three main types of pottery (Table 2) and nine miscellaneous sherds were recovered.

Table 2: Ceramic Codenames

codename	full name	earliest date	latest date	sherds
BERTH	Brown glazed earthenware	1550	1800	4
BL	Black-glazed wares	1550	1750	4
BOU	Bourne D ware	1350	1650	7
BOUA	Bourne-type Fabrics A, B and C	1150	1400	7
CHPO	Chinese Export Porcelain	1640	1850	1
CIST	Cistercian-type ware	1480	1650	3
CREA	Creamware	1770	1830	6
ECHAF	Early to mid Anglo-Saxon chaff-tempered	450	800	1
ENGS	Unspecified English Stoneware	1750	1900	2
GLGS	Glazed Greensand Fabrics	1120	1350	1
GRE	Glazed Red Earthenware	1500	1650	3
GRIM	Grimston ware	1200	1550	1
LEMS	Lincolnshire Early Medieval Shelly	1130	1230	1
LERTH	Late earthenwares	1750	1900	3
LHUM	Late Humber-type ware	1550	1750	1
LMLOC	Late Medieval local fabrics	1350	1550	1
LSW2/3	13th to 15th century Lincoln Glazed Ware	1200	1450	1
MEDLOC	Medieval local fabrics	1150	1450	30
MEDX	Non Local Medieval Fabrics	1150	1450	15
MIMP	Unspecified Medieval imports	1200	1500	1
MISC	Unidentified types	400	1900	9
MSAX	Mid-Saxon	650	870	1
NOTS	Nottingham stoneware	1690	1900	2
PEARL	Pearlware	1770	1900	2
PGE	Pale Glazed Earthenware	1600	1750	2
RAER	Raeren stoneware	1450	1600	2
SIEG	Siegburg-type Ware	1250	1550	1
SLSQ	South Lincs Shell and Quartz (generic)	1200	1500	4
ST	Stamford Ware	970	1200	10
TB	Toynton/Bolingbroke wares	1450	1750	79
TOY	Toynton Medieval Ware	1250	1450	76
TPW	Transfer printed ware	1770	1900	8
UNGS	Unglazed Greensand-tempered fabrics	950	1250	5
WHITE	Modern whiteware	1850	1900	2

### Anglo-Saxon to Middle Saxon

Two sherds of possible Saxon date were recovered from Trenches 9 and 10 in Area B. Despite the abundant shell tempering having been leached from a sherd from context 0911 in Trench 9, the remaining characteristics suggest the vessel is possibly of middle Saxon date. Identification however, is tentative as locally found Iron-Age vessels are of similar manufacture and are tempered with the same fossil bivalve shell. The chaff-tempered sherd from context 1000, Trench 10 is more confidently identifiable as a Saxon product, although it may equally well be of early or middle Saxon date.



## Saxo-Norman to Early Medieval

Overall only seventeen sherds of possible 11<sup>th</sup> to 12<sup>th</sup> century date were recovered from Areas C and K (see Table 1). Many of these vessel types were still current in the early part of the 13<sup>th</sup> century and it is possible that some of the material dates to this period. The vessels are all common domestic forms (jars and a pitcher) from local or nearby regional production centres. No vessels of 9<sup>th</sup> to mid/late 11<sup>th</sup> century were recovered from anywhere along the evaluation.

## Medieval

One hundred and thirty-eight sherds are of medieval type and can be dated to the medieval period between the 13<sup>th</sup> and 15<sup>th</sup> centuries. More than 50% of the vessels recovered are Toynton jars, jugs and bowls intended for domestic use in the kitchen, dairy or at the table. A further thirty vessels, mainly jugs and jars are in local fabrics. A few glazed jugs come from a number of known (Lincoln, Bourne and Grimston) and unknown local and regional centres. A single imported vessel, an underfired stoneware drinking jug is also of medieval type. Overall vessel forms are mainly jugs, jars and bowls with none of the more unusual types such as pipkins, lamps and curfews occurring.

## Late medieval to Post-medieval

A total of one hundred and eleven vessels belong to the period between the late 14<sup>th</sup> and 18<sup>th</sup> centuries. Most of the material comes from areas J and K. The pottery includes local and regional vessels from centres in Lincolnshire and the midlands as well as three imported German stoneware jugs. Vessel forms are mainly jugs, jars and bowls, although a small number of drinking vessels also occurs. The majority of the vessels are undiagnostic products of kilns producing Toynton/Bolingbroke type wares and cannot be closely dated, however the near absence from all areas of known 17<sup>th</sup> and 18<sup>th</sup> wares, suggests that they are most likely to be of late 14<sup>th</sup> to 16<sup>th</sup> century date.

## Early modern to modern

A small number of vessels of late 18<sup>th</sup> to early 20<sup>th</sup> century date were recovered, they are mostly industrial tablewares.

## ***Summary and Recommendations***

This is a diverse collection of Post-Roman pottery of Anglo-Saxon to modern date. The absence of any county fabric or form type series for post-Roman pottery and the poor condition of the pottery severely limit both close dating and interpretation of much of the material. This is further hampered by the lack of published sequences from many of the major excavations carried out in the county over the last forty years. Future typological work may enable some of the pottery to be more closely dated and assessed against other local assemblages. The entire collection should be kept for future study.



# Pottery Archive PTN02

Jane Young      Lindsey Archaeological Services

context	ename	sub fabric	form type	sherds	vessels	weight	decoration	part	description	date
0508	TOY		jug	1	1	15		BS	very abraded	13th to 15th
0600	PGE		bowl	1	1	12		rim	very abraded	mid 16th to 18th
0600	TB		large bowl	1	1	38		base	very abraded	15th to 17th
0600	TB		bowl	1	1	13		rim	very abraded	15th to 17th
0700	BOU		jar	1	1	8		rim	coarse fabric;abraded	14th to 17th
0700	TB		bowl	1	1	30		BS	abraded;int glaze	15th to 17th
0700	TOY		jar ?	1	1	2		BS	very abraded	13th to 15th
0800	GRE		large bowl	1	1	32		rim	very abraded	16th to 18th
0800	MEDLOC	OX/R/OX;fine sandy;hard	jar ?	1	1	6		BS	abraded;moderate fine ca in fabric;? An odd TOY	12th to 15th
0800	MEDLOC	OX/R/OX;fine sandy;hard	?	1	1	3		BS	very abraded	12th to 15th
0800	TB		jar	1	1	13		BS	very abraded	14th to 17th
0800	TOY		?	1	1	6		BS	very abraded	13th to 16th
0911	MSAX	leached shell	small jar	1	1	16		BS	? ID;semi burnished ext;soot;mainly abun fine shell but some larger voids odd frag ? Cockle ornamented shell	esax or Iron age
1000	ECHAF		jar ?	1	1	15		base	? Id as comm rounded oolitic fe sim to that in PREH	esax to msax

context	cname	sub fabric	form type	sherds	vessels	weight	decoration	part	description	date
1000	TOY		jug	1	1	36		BS	wide strap handle central hollow;very abraded;? ID as vert un Toynton like handle	13th ?
1100	BL		jar	1	1	40		BS		18th to 20th
1100	GRE		large bowl	1	1	73		rim		16th to 18th
1100	TB		jug	1	1	115		rim with	amber glaze;grooved strap handle;upper thumb pressing;slightly everted rim	15th to 16th
1100	TOY		small jug ?	1	1	21		base	very abraded;? ID	13th to 14th
1100	TOY		jar	1	1	4		BS	abraded	13th to 15th
1304	BOUA	A	bowl	1	1	30		base	very abraded	late 12th to 13th
1304	BOUA	B	?	2	1	4		base	soot;? ID	late 12th to 13th
1304	ST	B	collared pitcher	9	1	34		rim & B	glaze;slightly abraded	late 11th to mid 12th
1304	UNGS		?	2	1	5		BS	soot	11th to 13th
1501	MISC	oxid;fine-med sandy;med hard	?	1	1	14		base	very abraded	Roman to post-med
1504	GLGS		small jar ?	1	1	1		neck		12th to 13th
1504	LEMS		jar	1	1	3		rim	leached;abraded;? ID	12th to early/mid 13th
1504	MEDLOC	OX/R/OX;med sandy;hard	?	1	1	12		BS	very abraded;mixed quartz comm fe occ chaff	late 12th to 13th ?
1504	SLSQ		?	1	1	0		BS	soot;leached;abraded	12th to early/mid 13th
1504	SLSQ		jar	1	1	9		rim	leached;abraded	12th to early/mid 13th
1504	SLSQ		jar ?	1	1	11		BS	leached;abraded;soot;? ID has abundant quartz	12th to early/mid 13th
1504	UNGS		jar ?	1	1	4		BS	soot ext;thick soot int	11th to 13th



context	cname	sub fabric	form type	sherds	vessels	weight	decoration	part	description	date
1504	UNGS		jar	1	1	7		BS	soot	11th to 13th
1510	SLSQ		?	1	1	8		base	leached;soot	12th to 15th
1600	CHPO		bowl/dish	1	1	10	blue floral dec	base		18th
1800	BERTH		jar	1	1	6		BS	chipped	17th to 18th
1800	PEARL		open	1	1	4	under glaze chinese dec	base	chipped	late 18th to early 19th
1800	PEARL		hollow	1	1	12	blue banded	base	chipped	late 18th to early 19th
1900	BL		large bowl	2	1	75		BS	slightly abraded	18th to 19th
2100	CREA		dish	1	1	7		rim		mid/late to late 18th
2100	CREA		cup ?	1	1	8	underglaze blue paint	base	footring	mid/late to late 18th
2100	LERTH		teapot	1	1	8	geometric machine dec	BS	black glazed fabric	mid to late 18th
2100	NOTS		jar ?	1	1	8		BS	underfired	18th
2200	CREA		various	3	3	2		various		18th to 19th
2200	CREA		hollow	1	1	4		BS		18th to 19th
2200	ENGS		jar/flagon	1	1	9		BS		19th to 20th
2200	LERTH		teapot ?	1	1	8		BS	black glaze;black fabric;machine turned	late 18th to 20th
2200	NOTS		jug ?	1	1	14		handle		18th
2200	TPW		various	2	2	5		various		19th to 20th
2200	TPW		hollow	1	1	3		BS		19th
2200	WHITE		dish	1	1	3		rim		19th to 20th

context	cname	sub fabric	form type	sherds	vessels	weight	decoration	part	description	date
2209	MEDLOC	OX/R/OX;fine sandy;hard	?	2	1	4		BS	very abraded	13th to 16th
2300	TPW		various	3	3	13		various		19th to 20th
2500	ENGS		jar/bottle	1	1	0		BS		19th to 20th
2500	TPW		plate	1	1	13		rim		19th to 20th
2500	WHITE		bowl	1	1	5	blue sponge	BS		19th to 20th
2900	MEDLOC	bright oxid;med-coarse sandy;med hard	large bowl	1	1	25		rim	slightly hollowed square everted rim;fabric incl mod greensand abun subround to round quartz & mod fe	
2900	TB		jug/jar	1	1	35		base	very abraded	14th to 17th
2900	TPW		cup/bowl	1	1	1		rim		19th
3000	BERTH		bowl	1	1	15		BS	very abraded	16th to 17th
3000	CIST		cup	1	1	4		BS	very abraded	mid 15th to 16th
3000	MEDLOC	OX/R/OX;med sandy;hard	?	1	1	15		base	very abraded	13th to 15th
3000	MEDLOC	OX/R/OX;med sandy;hard	jug	1	1	20		LHJ	very abraded;abundant mixed quartz mod fe	13th to 15th
3000	MEDLOC	OX/R/OX;med sandy;hard	jug/jar	1	1	12		base	very abraded	13th to 15th
3000	MEDLOC	OX/R/OX;med sandy;hard	small jug/jar	1	1	3		BS	very abraded	13th to 15th
3000	MEDLOC	OX/R;fine-med sandy;hard	?	1	1	6		BS	very abraded;? TOY	12th to 15th
3000	MEDLOC	oxidised;med sandy;hard	?	1	1	7		BS	very abraded	13th to 15th
3000	MEDX	light oxidised;fine sandy;hard	jug/jar	1	1	9		BS	very abraded;fine quartz mod fe	13th to 15th



context	cname	sub fabric	form type	sherds	vessels	weight	decoration	part	description	date
3000	MEDX	OX/R/OX;fine sandy;hard	jug	1	1	44		base	very abraded;abundant very fine quartz occ ca	13th to 15th
3000	MEDX	OX;med sandy;med hard	?	1	1	4		BS	very abraded;fabric inc occ greensand & flint	12th to 15th
3000	TB		jug/jar	1	1	7		BS	very abraded	15th to 17th
3000	TB		bowl	1	1	25		rim	very abraded;int glaze;plain rim grooved on int	14th to 15th
3000	TB		bowl	1	1	31		BS	very abraded;int glaze	15th to 17th
3000	TB		bowl	1	1	5		base	very abraded	15th to 17th
3000	TB		jug/jar	1	1	12		BS	very abraded	15th to 17th
3000	TB		jug/jar	1	1	8		BS	very abraded	15th to 17th
3000	TB		large jug	1	1	71		base	very abraded	15th to 17th
3000	TB		large jug	1	1	31		base	very abraded	15th to 17th
3000	TB		small vessel	1	1	4		BS	very abraded	15th to 17th
3000	TB		bowl	1	1	21		BS	very abraded;int glaze	15th to 17th
3000	TOY		jug/jar	1	1	4		BS	very abraded	13th to 15th
3000	TOY		jug/jar	1	1	8		BS	very abraded	13th to 15th
3000	TOY		small jug/jar	1	1	7		BS	very abraded	13th to 15th
3000	TOY		?	1	1	8		BS	very abraded	13th to 15th
3006	TOY		?	1	1	1		BS	very abraded	13th to 15th
3026	TOY		jug/jar	1	1	6		BS	very abraded	13th to 15th
3069	MEDLOC	OX/R/OX;fine;hard	small jug/jar	1	1	4		BS	very abraded;fabric inc mod fine ca;thin walled	13th to 15th

context	ename	sub fabric	form type	sherds	vessels	weight	decoration	part	description	date
3069	TOY		jug/jar	1	1	11		BS	intrusive ?;very abraded	13th to 15th
3210	MEDLOC	OX/R/OX;fine-med sandy	jar/jug	1	1	6		BS	very abraded;abundant fine quartz mod larger subround mod fe	12th to 15th
3307	TOY		jug/jar	1	1	5		BS	very abraded;? ID	13th to 15th
3400	LSW2/3		jug	1	1	13		base	very abraded	13th to 15th
3400	MEDLOC	OX/R/;fine-med sandy;hard	?	1	1	4		BS	mixed quartz;very abraded	13th to 15th
3400	MEDLOC	OX/ROX/;fine-med sandy;hard	?	1	1	5		BS	mixed quartz;very abraded	13th to 15th
3400	TB		bowl	1	1	10		BS	very abraded	15th to 17th
3400	TB		large bowl	1	1	40		BS	very abraded	15th to 17th
3400	TB		bowl	1	1	14		rim	very abraded	15th to 17th
3400	TOY		jug	1	1	51		handle	rod;very abraded	late 13th to 15th
3405	MEDX	oxid;fine sandy;hard	?	1	1	10		BS	very abraded;abundant fine quartz + larger greensand	13th to 15th
3405	TOY		?	1	1	3		BS	very abraded	13th to 15th
3405	TOY		jug/jar	1	1	4		BS	very abraded	13th to 15th
3410	TB		jug/jar	1	1	10		BS	very abraded	14th to 16th
3506	TOY		?	1	1	5		base	very abraded;? ID	13th to 16th
3506	TOY		jug	1	1	3		BS	very abraded	13th to 15th
3522	LERTH		flowerpot	1	1	6	lettering	BS		19th to 20th
3600	MEDLOC	OX/R/OX;fine sandy;hard	jug	1	1	78	thumbled edges & centre	handle	broad strap handle central groove	
3600	TB		jug	1	1	33		base	very abraded;misfired glaze	15th to 17th



context	ename	sub fabric	form type	sherds	vessels	weight	decoration	part	description	date
3600	TB		bowl	1	1	9		BS	very abraded;pocked int olive glaze glaze	14th to 16th
3600	TOY		jug/jar	1	1	14		BS	very abraded	13th to 15th
3600	TOY		jar ?	1	1	4		base	very abraded;? ID	13th to 15th
3600	TOY		jug/jar	1	1	7		BS	very abraded;? ID	13th to 15th
3600	TOY		?	2	1	10		base	very abraded;? ID	13th to 15th
3604	MEDX	OX/R/OX;med sandy;hard	jug	1	1	49		handle	ribbed rod sim to LSW;pocked olive glaze;abun fine quartz mod larger;very abraded	
3604	MEDX	Ox/R;very fine;hard	?	1	1	2		BS	very abraded	12th to 16th
3604	TOY		jar ?	1	1	16		base	? ID;very abraded	13th to 15th
3606	TB		?	1	1	4		BS	very abraded	14th to 17th
3606	TOY		?	1	1	2		BS	very abraded	13th to 16th
3700	LHUM		large handled jar	1	1	45		LHJ	int brown glaze;abraded	17th to 19th
3700	MEDX	light OX/R/OX;med- coarse;med hard	jug/jar	1	1	5		BS	white streaks;mixed quartz incl larger rounded	12th to 15th
3700	MISC		?	1	1	3		BS		Roman to 16th
3700	TB		large jar	1	1	64		BS	very abraded	14th to 18th
3700	TB		jar/jug	1	1	15		BS	very abraded	13th to 16th
3700	TOY		jug	1	1	5		LHJ	very abraded	13th to 15th
3700	TOY		jug	1	1	17		BS	very abraded	13th
3700	TOY		jug/jar	1	1	8		BS	very abraded	13th to 15th
3701	BL		cup ?	1	1	2		BS	abraded	17th to 18th

context	cname	sub fabric	form type	sherds	vessels	weight	decoration	part	description	date
3701	MEDLOC		oxid;fine-med sandy;med hard	1	1	7		BS	very abraded;abun fine subround quartz mod fine ca	12th to 16th
3701	MEDX	OX/R/OX;med-coarse sandy;hard	jug	1	1	11		rim	abraded;small rounded collared rim;bulging corrugated neck;fabric has abundant fine quartz comm larger subrounded mod fine fe;LSW2 form !	13th
3701	ST	B/C	jar/jug	1	1	1		BS	glaze;very abraded	12th
3704	BOU		jar/jug	1	1	8		BS		15th to 17th
3704	MEDLOC	OX/R/OX;fine sandy;med hard	jar/jug	1	1	13		BS	very abraded;fabric incl fine fe sst	13th to 15th
3704	TB		jar/jug	1	1	10		BS	very abraded	14th to 16th
3704	TOY		large jug	1	1	47		LHJ	very abraded	13th to 15th
3704	TOY		?	1	1	0		BS	very abraded	13th to 15th
3704	TOY		jug	1	1	5	applied fe strip	BS	very abraded	late 13th to 14th
3704	TOY		jug	1	1	15		LHJ	very abraded	13th to 15th
3704	TOY		jar	1	1	17		rim	oxid fabric;olive glaze;very abraded	14th to 16th
3704	TOY		jar/jug	1	1	8		BS	very abraded;? ID	13th to 15th
3704	TOY		jar/jug	1	1	5		BS	very abraded	13th to 15th
3801	TB		large bowl	1	1	56		rim	hooked rim;int glaze	mid 15th to 16th
3804	TB		large bowl	1	1	37		rim	very abraded	16th to 18th
3804	TOY		?	1	1	2		BS	very abraded	13th to 16th
3808	TOY		?	1	1	2		BS	very abraded	13th to 16th
3900	MEDLOC	OX/R/OX;fine;hard	jar ?	1	1	4		BS	very abraded	12th to 15th



context	cname	sub fabric	form type	sherds	vessels	weight	decoration	part	description	date
3900	MIMP		drinking jug	1	1	6	neck cordon	BS	? Underfired stoneware/earthen;white bodythin yellow with brown ash glaze;? Beauvais/Normandy	14th to 16th
3900	RAER		drinking jug	1	1	46	frilled base	BS	abraded	late 15th to 16th
3900	TB		large bowl	1	1	93		base	very abraded;int glaze	15th to 17th
3900	TB		?	1	1	31		base	abraded	14th to 17th
3900	TOY		?	1	1	14		base	very abraded	13th to 15th
3900	TOY		jug	1	1	49		base	very abraded	13th to 15th
3906	TOY		jug	1	1	36		base	very abraded	13th to 15th
3980	BERTH		?	1	1	15		base	int glaze;soot;abraded	16th to 18th
3980	TB		jug/jar	1	1	45		base	very abraded	15th to 17th
3980	TB		small jar ?	1	1	3		base	very abraded	13th to 16th
3980	TB		bowl	1	1	18		BS	int glaze;abraded	15th to 17th
4000	TB		large vessel	1	1	13		BS	very abraded	15th to 17th
4000	TB		large bowl	1	1	19		BS	abraded;int glaze	15th to 17th
4000	TB		large bowl	1	1	15		base	abraded;int glaze	15th to 17th
4004	MEDLOC	OX/R/OX;fine sandy;hard	jar ?	1	1	5		base	very abraded;soot ?	13th to 16th
4004	MEDLOC	OX/R;very fine;med hard	jug/jar	1	1	12		BS	very abraded;? ID;very fine fabric comm ca	13th to 16th
4004	TB		jar	1	1	7		BS	very abraded	13th to 16th
4004	TOY		jug/jar	1	1	11		base	very abraded	13th to 15th
4100	CIST		cup	1	1	3		BS		mid 15th to 17th

context	ename	sub fabric	form type	sherds	vessels	weight	decoration	part	description	date
4100	GRIM		jug/jar	1	1	8		BS	? ID	13th to 15th
4100	MEDX	OX/R/OX;fine/coarse sandy;med hard	jug/jar	1	1	6		BS	very abraded;no glaze left;mod fine quartz occ-mod coarse subround quartz & large fe	13th to 15th
4100	MISC		?	1	1	2		BS	thin flake	-
4100	SIEG		drinking jug	1	1	6		BS		14th to 16th
4100	TB		large jug/jar	1	1	10		BS	very abraded	15th to 17th
4100	TB		bowl ?	1	1	6		BS	abraded	15th to 17th
4100	TB		bowl	1	1	4		base	very abraded	15th to 17th
4100	TB		large jug/jar	1	1	5		BS	very abraded	15th to 17th
4100	TOY		jug	1	1	64		handle	very abraded;ribbed strap	13th to 16th
4100	TOY		jug/jar	1	1	3		BS	very abraded	13th to 15th
4100	TOY		bowl	1	1	13		BS	very abraded;int glaze	13th to 15th
4100	TOY		bowl	1	1	28		rim	very abraded	13th to 16th
4105	CIST		cup	1	1	6		BS		16th to 17th
4107	TB		large bowl	1	1	13		BS	abraded	15th to 17th
4200	MEDLOC	OX/R/OX white margins;med-coarse sandy;med hard	?	1	1	13		BS	very abraded;? ID	13th to 16th
4400	BOUA	A/C	jar	1	1	15		rim	very abraded;? ID	13th to 14th
4400	MEDLOC	OX/R;fine;hard	?	1	1	1		BS	very abraded;? ID	12th to 15th
4400	TOY		jug ?	1	1	2		BS	very abraded	13th to 15th
4400	TOY		jug	1	1	7		BS	very abraded;? ID	13th to 15th



context	ename	sub fabric	form type	sherds	vessels	weight	decoration	part	description	date
4810	TOY		jug	1	1	57		handle	rod handle prob grooved;very abraded	13th to 15th
4900	TB		jug/jar	1	1	21		BS		14th to 16th
J u/s	BOUA	A/B	jug/jar	1	1	6		BS	very abraded	13th to 15th
J u/s	BOUA	B	?	1	1	6		BS	? ID;very abraded	13th to 15th
J u/s	MEDLOC	OX/R/OX;coarse sandy;hard	small bowl	1	1	8		rim	very abraded;upright slightly intumed rim;subround to round quartz	13th to 15th
J u/s	MEDLOC	OX/R/OX;fine sandy;hard	jug/jar	1	1	13		BS	very abraded;cu glaze	13th to 15th
J u/s	MEDLOC	OX/R/OX;fine sandy;hard	jug/jar	1	1	19		BS	very abraded	13th to 15th
J u/s	MEDLOC	OX/R/OX;fine-med sandy;hard	drinking jug	1	1	15		base	very abraded	13th to 15th
J u/s	MEDX	OX/R/OX;fine sandy;hard	jug/jar	1	1	14		base	very abraded;soot;mainly very fine quartz some larger	13th to 15th
J u/s	MEDX	OX/R;fine sandy;hard	jug/jar	1	1	11		BS	very abraded;abundant finr quartz occ larger rounded mod ca	13th to 15th
J u/s	MEDX	reduced;fine sandy;hard	jug/jar	1	1	4		BS	? Grimston;very abraded	13th to 15th
J u/s	TB		bowl	1	1	18		BS	very abraded;int glaze	15th to 17th
J u/s	TB		jug/jar	1	1	19		BS	very abraded	15th to 17th
J u/s	TB		jug/jar	1	1	19		BS	very abraded	15th to 17th
J u/s	TB		bowl	1	1	15		BS	very abraded	15th to 17th
J u/s	TB		large bowl	1	1	42		BS	very abraded	15th to 17th
J u/s	TB		jug	1	1	56		handle	very abraded;strap handle triple groove	15th to 17th
J u/s	TB		jug/jar	1	1	22		base	very abraded	15th to 17th

context	cname	sub fabric	form type	sherds	vessels	weight	decoration	part	description	date
J u/s	TB		jug/jar	1	1	2		BS	very abraded	15th to 17th
J u/s	TB		large bowl	1	1	65		base	very abraded	15th to 17th
J u/s	TOY		bowl	1	1	18		BS	int glaze;very abraded	13th to 15th
J u/s	TOY		jar ?	1	1	17		BS	int dep;very abraded	13th to 15th
J u/s	TOY		jug/jar	1	1	32		BS	very abraded;oxidised over breaks	13th to 15th
J u/s	TOY		large jug/jar	1	1	32		BS	very abraded	13th to 15th
J u/s	TOY		large jug/jar	1	1	27		BS	very abraded	13th to 15th
J u/s	TOY		jug	1	1	37		base	very abraded;abraded basal edge ext	13th to 15th
J u/s	TOY		bowl ?	1	1	7		BS	very abraded;int glaze	13th to 15th
K-L u/s	BERTH		cup	1	1	23		base	could be an odd Cistercian	16th to 17th
K-L u/s	BOU		bowl	1	1	4		rim	very abraded	15th to 17th
K-L u/s	BOU		jug	1	1	12	thumbed base	base	very abraded;? ID	14th to 16th
K-L u/s	BOU		jug/jar	1	1	3		BS	very abraded	14th to 16th
K-L u/s	BOU		jug	1	1	11	multi horiz grooves	BS	very abraded;sandy fabric;? ID	14th to 16th
K-L u/s	BOU		bowl	1	1	1		BS	very abraded	15th to 17th
K-L u/s	BOUA	A/C	jug	1	1	13		neck	thick reduced green glaze	13th to 14th
K-L u/s	GRE		handled jar	1	1	22		rim		mid 16th to 17th
K-L u/s	LMLOC	OX/R/OX;fine sandy;hard	jar	1	1	25		rim	very abraded;bifid rim;abundant fine subround quartz mod fe	14th to 16th
K-L u/s	MEDLOC	OX/R/OX;very fine;hard		1	1	17		neck	very abraded	13th to 16th
K-L u/s	MEDLOC	OX/R;med sandy;hard	jug	1	1	23		base	very abraded	13th to 15th



context	cname	sub fabric	form type	sherds	vessels	weight	decoration	part	description	date
K-L u/s	MEDX	OX/R/OX;fine-med sandy;hard	jug	1	1	17		handle	grooved rod handle;?? LSW but quartz looks too fine	late 13th to 15th
K-L u/s	MEDX	OX/R/OX;fine-med;hard	jar	1	1	8	stamp ?	BS	very abraded;horiz groove;?? Stamp;abundant fine-med subround quart med more roundedz;fabric looks like EMHM;?? GRIM	11th to 15th
K-L u/s	MEDX	OX/R/OX;fine;hard	bowl	1	1	22		BS	very abraded;int glaze;abundant fine quartz occ larger;int glaze;? An odd TOY	13th to 15th
K-L u/s	MISC		?	1	1	9		BS	very abraded;? Vessel/tile;spots of glaze	12th to 16th
K-L u/s	MISC	OX/R/OX;fine-med sandy;hard	bowl	1	1	33		rim	very abraded;Roman or TB	Roman or post-med
K-L u/s	MISC	OX/R/OX;med sandy;hard	?	1	1	4		BS	very abraded;mixed quartz	12th to 16th
K-L u/s	MISC	OX/R/OX;med sandy;hard	?	1	1	2		BS	very abraded;mixed quartz	12th to 16th
K-L u/s	MISC	OX/R/OX;med sandy;hard	?	1	1	3		BS	very abraded;mixed quartz	12th to 16th
K-L u/s	MISC	reduced;coarse sandy;hard	bowl	1	1	27		rim	everted rim;fabric inc greensand	Roman to 12th
K-L u/s	PGE		jar ?	1	1	9		BS	int & ext light green glaze;abraded;? ID	16th to 17th
K-L u/s	RAER		drinking jug	1	1	18		BS		late 15th to 16th
K-L u/s	TB		large jug	1	1	85		handle	very abraded;grooved oval handle	13th to 16th
K-L u/s	TB		jug	3	3	24		BS	very abraded	13th to 16th
K-L u/s	TB		bowl	1	1	14		BS	very abraded;int glaze	13th to 16th
K-L u/s	TB		bowl	1	1	10		BS	very abraded;int glaze	13th to 16th
K-L u/s	TB		bowl	1	1	15		BS	very abraded;int glaze	13th to 16th

context	cname	sub fabric	form type	sherds	vessels	weight	decoration	part	description	date
K-L u/s	TB		large bowl	1	1	10		base	very abraded;int glaze	15th to 17th
K-L u/s	TB		large bowl	1	1	24		BS	very abraded;int glaze	15th to 17th
K-L u/s	TB		large bowl	1	1	15		BS	very abraded;int glaze	15th to 17th
K-L u/s	TB		large bowl	1	1	30		BS	very abraded;int glaze	15th to 17th
K-L u/s	TB		large jug	1	1	57		LHJ	very abraded	13th to 16th
K-L u/s	TB		large jug	1	1	46		BS	very abraded	14th to 17th
K-L u/s	TB		jug/jar	9	9	102		BS	very abraded	13th to 16th
K-L u/s	TB		bowl	1	1	14		BS	very abraded	13th to 16th
K-L u/s	TB		large jar	1	1	6		rim	very abraded	15th to 17th
K-L u/s	TB		large jug	1	1	91		handle	very abraded;grooved oval strap handle	13th to 16th
K-L u/s	TB		large bowl	1	1	38		rim	internal hollow;very abraded	16th to 17th
K-L u/s	TB		large bowl	1	1	44		rim	internal hollow;very abraded	16th to 17th
K-L u/s	TOY		jug/jar	1	1	6		BS	very abraded	13th to 15th
K-L u/s	TOY		jug/jar	1	1	7		BS	very abraded	13th to 15th
K-L u/s	TOY		jug	1	1	36		handle	very abraded;small grooved	13th to 16th
K-L u/s	TOY		jug	1	1	30		handle	very abraded;small oval handle	13th to 16th
K-L u/s	TOY		jug	1	1	10	complex fe strip & pellet dec	BS	very abraded	13th to 14th
K-L u/s	TOY		jug	1	1	30	thumbed base	base	very abraded	13th to 15th
K-L u/s	TOY		jar	1	1	4		BS	very abraded	13th to 15th
K-L u/s	TOY		jug/jar	1	1	12		BS	very abraded	13th to 15th



context	ename	sub fabric	form type	sherds	vessels	weight	decoration	part	description	date
K-L u/s	TOY		jug/jar	1	1	17		base	very abraded	13th to 15th
K-L u/s	TOY		jar ?	1	1	9		base	very abraded	13th to 15th
K-L u/s	TOY		jug ?	1	1	45		base	very abraded;? ID	13th to 15th
K-L u/s	TOY		jar/jug	3	3	20		BS	very abraded	13th to 15th
K-L u/s	TOY		?	3	3	27		base	very abraded	13th to 15th
K-L u/s	TOY		jug	1	1	8	complex fe strip & pellet dec	BS	abraded	13th to 14th
K-L u/s	TOY		jug	1	1	5		neck	brown glaze	13th to 15th
K-L u/s	TOY		jar	1	1	15		rim	very abraded	13th to 15th
K-L u/s	UNGS		jar ?	1	1	8	stamp ??	BS	very abraded	11th to 13th

# Pottery Glossary

<b>cname</b>	<b>full name</b>	<b>earliest date</b>	<b>latest date</b>
BERTH	Brown glazed earthenware	1550	1800
BL	Black-glazed wares	1550	1750
BOU	Bourne D ware	1350	1650
BOUA	Bourne-type Fabrics A, B and C	1150	1400
CHPO	Chinese Export Porcelain	1640	1850
CIST	Cistercian-type ware	1480	1650
CREA	Creamware	1770	1830
ECHAF	Early to mid Anglo-Saxon chaff-tempered ware	450	800
ENGS	Unspecified English Stoneware	1750	1900
GLGS	Glazed Greensand Fabrics	1120	1350
GRE	Glazed Red Earthenware	1500	1650
GRIM	Grimston ware	1200	1550
LEMS	Lincolnshire Early Medieval Shelly	1130	1230
LERTH	Late earthenwares	1750	1900
LHUM	Late Humber-type ware	1550	1750
LMLOC	Late Medieval local fabrics	1350	1550
LSW2/3	13th to 15th century Lincoln Glazed Ware	1200	1450
MEDLOC	Medieval local fabrics	1150	1450
MEDX	Non Local Medieval Fabrics	1150	1450
MIMP	Unspecified Medieval imports	1200	1500
MISC	Unidentified types	400	1900
MSAX	Mid-Saxon	650	870
NOTS	Nottingham stoneware	1690	1900
PEARL	Pearlware	1770	1900
PGE	Pale Glazed Earthenware	1600	1750
RAER	Raeren stoneware	1450	1600
SIEG	Siegburg-type Ware	1250	1550
SLSQ	South Lincs Shell and Quartz (generic)	0	0
ST	Stamford Ware	970	1200
TB	Toynton/Bolingbroke wares	1450	1750
TOY	Toynton Medieval Ware	1250	1450



<b>cname</b>	<b>full name</b>	<b>earliest date</b>	<b>latest date</b>
TPW	Transfer printed ware	1770	1900
UNGS	Unglazed Greensand-tempered fabrics	950	1250
WHITE	Modern whiteware	1850	1900

**APPENDIX 6**

**The Post Roman Tile  
Archive List  
by  
Jane Young**



# Tile Archive PTN02

Jane Young Lindsey Archaeological Services

context	cname	frags	weight	description	date
0700	PNR	1		8 fine sandy;very abraded	med
1304	FIRED CLAY	1		1 very abraded	-
1304	PNR	1		7 very abraded	med
1500	BRK	1		152 ? For flooring;24mm thick	19th to 20th
1500	PNR	2		110 very abraded	post-med to early modern
1500	PNR	1		34 very abraded	med to early modern
1504	BRK	1		3 very abraded	16th to 20th
1504	FIRED CLAY	1		3 very abraded	-
1700	RBRK	1		148 mortar	Roman
2200	BRK	1		159	19th to 20th
2200	MODTIL	1		20 very abraded	20th
2807	FIRED CLAY	2		3 very abraded	-
2900	MODTIL	1		40	19th to 20th
2900	PEG	1		41 square hole;very abraded	med to post-med
2900	PNR	1		36 Bourne D;white slip;poss glaze;very abraded	15th to 17th
2900	PNR	1		41 oxid med sandy;corner	med to post-med
3000	FIRED CLAY	1		4 very abraded	-
3000	FLOOR	1		18 abraded;possibly Toynton	medieval
3000	PNR	1		38 very abraded	medieval to post-medieval
3000	PNR	1		20 light firing;very abraded	medieval to post-medieval
3000	PNR	1		38 very abraded	Roman or Medieval
3022	FIRED CLAY	2		3 very abraded	-
3063	FIRED CLAY	4		22 very abraded	-
3068	FIRED CLAY	3		9 very abraded	-
3070	FIRED CLAY	1		5 very abraded	-
3210	FIRED CLAY	2		30 very abraded	-
3211	FIRED CLAY	1		6 very abraded	-
3410	PNR	1		8 very abraded	medieval to early modern
3412	FIRED CLAY	3		50 very abraded	-

context	cname	frags	weight	description	date
3600	PNR	1	19	light OX/R/light OX;fine sandy	med
3604	PNR	1	18	light OX/dark R/light OX;fine;very abraded	med to post-med
3700	MISC	1	16	brick ?	Roman or early modern
3700	MODTIL	1	3	very abraded	20th
3700	PNR	1	54	abraded	medieval
3700	PNR	1	30	Toynton ?;abraded	medieval
3704	PANT	1	24	very abraded	19th to 20th
3704	PNR	1	42	very abraded	late to post-med
3800	MODTIL	1	24	? Pantile	19th to 20th
3900	BRK	1	470	abraded;corner	Roman or post-med
3980	PANTDISC	1	4	very abraded	18th to 20th
4004	PNR	1	18	med-coarse sandy	med
4004	PNR	1	6	fine sandy;very abraded	med
4100	PNR	1	18	OX/R/OX fine sandy	med
4109	BRK	2	179	very abraded	Roman or post-medieval
4300	PNR	1	54	reused;shaped as a disc	13th to 15th
5704	RTIL	2	10		Roman
5704	RTIL	1	101	? Tegula	Roman
J u/s	MODTIL	1	19		19th to 20th
J u/s	PNR	1	64	light firing;very abraded	medieval
J u/s	PNR	1	39	coarse sandy;very abraded	medieval
K-L u/s	FLOOR	1	90	very abraded:? ID;no glaze	medieval to post-medieval
K-L u/s	FLOOR	1	135	very abraded:? ID;no glaze	medieval to post-medieval
K-L u/s	PNR	2	65	could be discarded	medieval to post-medieval
K-L u/s	PNR	4	254	very abraded	medieval to post-medieval
K-L u/s	RBRK	1	51	very abraded	Roman
K-L u/s	RID	1	51	could be discarded	19th to 20th



# Ceramic Building Material Glossary

<b>cname</b>	<b>full name</b>
BRK	Brick
FIRED CLAY	fired clay
FLOOR	Floor tile
MISC	Unidentified types
MODTIL	Modern tile
PANT	Pantile
PANTDISC	Pantile (discarded)
PEG	Peg tile
PNR	Peg, nib or ridge tile
RBRK	Roman brick
RID	Unidentified ridge tile
RTIL	Roman tile

**APPENDIX 7**

**The radiocarbon date from burial 1410  
(Trench 14)**

**Beta Analytic Inc.**



Ms. Naomi Field

Report Date: 2/20/2003

Lindsey Archaeological Services

Material Received: 1/22/2003

---

Sample Data	Measured Radiocarbon Age	$^{13}\text{C}/^{12}\text{C}$ Ratio	Conventional Radiocarbon Age(*)
Beta - 175327 SAMPLE : PTN 02/1410 ANALYSIS : Radiometric-Standard delivery (collagen analysis) MATERIAL/PRETREATMENT : (bone collagen): collagen extraction with alkali 2 SIGMA CALIBRATION : Cal AD 1030 to 1280 (Cal BP 920 to 670)	740 +/- 60 BP	-18.5 o/oo	850 +/- 60 BP

---

# CALIBRATION OF RADIOCARBON AGE TO CALENDAR YEARS

(Variables: C13/C12=-18.5:lab. mult=1)

Laboratory number: Beta-175327

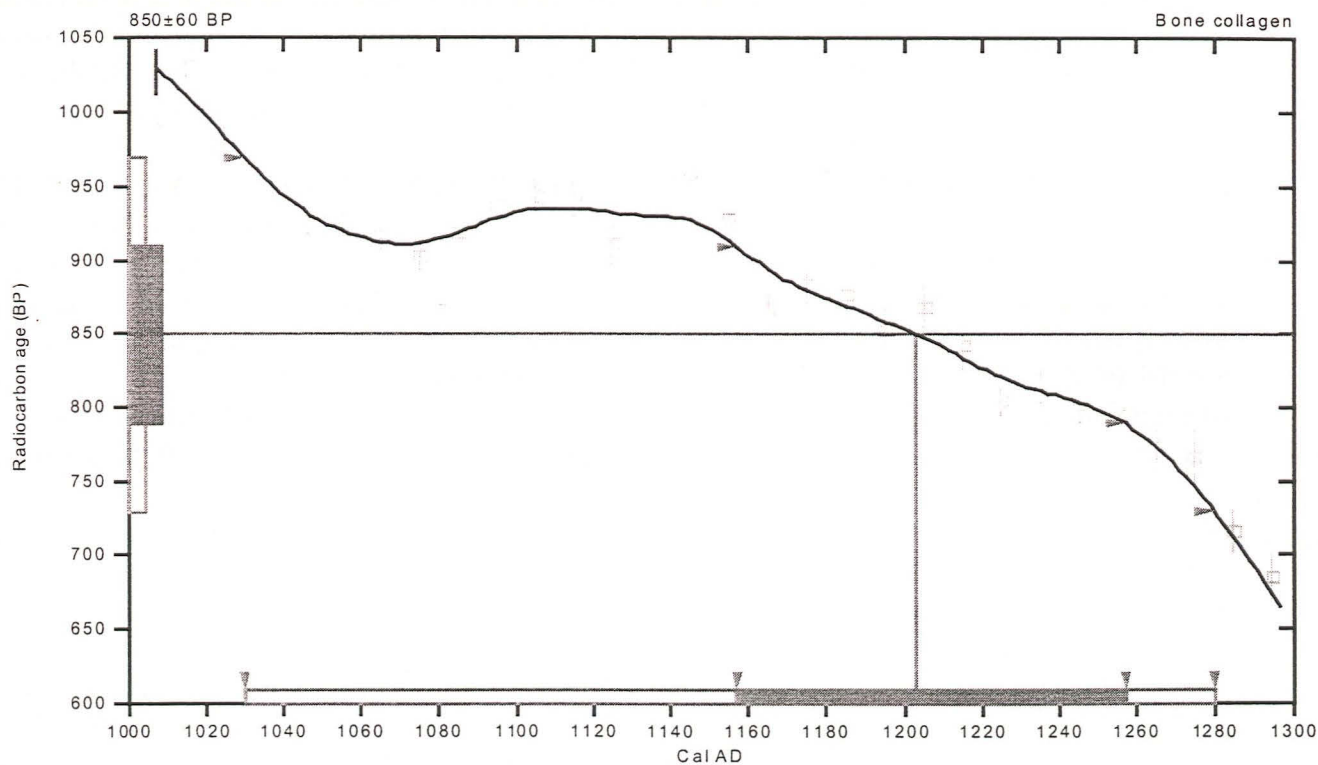
Conventional radiocarbon age:  $850 \pm 60$  BP

2 Sigma calibrated result: Cal AD 1030 to 1280 (Cal BP 920 to 670)  
(95% probability)

Intercept data

Intercept of radiocarbon age  
with calibration curve: Cal AD 1200 (Cal BP 750)

1 Sigma calibrated result: Cal AD 1160 to 1260 (Cal BP 790 to 690)  
(68% probability)



## References:

*Database used*

*Calibration Database*

*Editorial Comment*

Stuiver, M., van der Plicht, H., 1998, *Radiocarbon* 40(3), pxii-xiii

*INTCAL98 Radiocarbon Age Calibration*

Stuiver, M., et. al., 1998, *Radiocarbon* 40(3), p1041-1083

*Mathematics*

*A Simplified Approach to Calibrating C14 Dates*

Talma, A. S., Vogel, J. C., 1993, *Radiocarbon* 35(2), p317-322

**Beta Analytic Inc.**

4985 SW 74 Court, Miami, Florida 33155 USA • Tel: (305) 667 5167 • Fax: (305) 663 0964 • E-Mail: beta@radiocarbon.com



BETA ANALYTIC INC.  
RADIOCARBON DATING LABORATORY  
CALIBRATED C-14 DATING RESULTS

Calibrations of radiocarbon age determinations are applied to convert BP results to calendar years. The short term difference between the two is caused by fluctuations in the heliomagnetic modulation of the galactic cosmic radiation and, recently, large scale burning of fossil fuels and nuclear devices testing. Geomagnetic variations are the probable cause of longer term differences.

The parameters used for the corrections have been obtained through precise analyses of hundreds of samples taken from known-age tree rings of oak, sequoia, and fir up to about 10,000 BP. Calibration using tree-rings to about 12,000 BP is still being researched and provides somewhat less precise correlation. Beyond that, up to about 20,000 BP, correlation using a modeled curve determined from U/Th measurements on corals is used. This data is still highly subjective. Calibrations are provided up to about 19,000 years BP using the most recent calibration data available (Radiocarbon, Vol 40, No. 3, 1998).

The Pretoria Calibration Procedure (Radiocarbon, Vol 35, No. 1, 1993, pg 317) program has been chosen for these calendar calibrations. It uses splines through the tree-ring data as calibration curves, which eliminates a large part of the statistical scatter of the actual data points. The spline calibration allows adjustment of the average curve by a quantified closeness-of-fit parameter to the measured data points. A single spline is used for the precise correlation data available back to 9900 BP for terrestrial samples and about 6900 BP for marine samples. Beyond that, splines are taken on the error limits of the correlation curve to account for the lack of precision in the data points.

In describing our calibration curves, the solid bars represent one sigma statistics (68% probability) and the hollow bars represent two sigma statistics (95% probability). Marine carbonate samples that have been corrected for  $\delta^{13}C/^{12}C$ , have also been corrected for both global and local geographic reservoir effects (as published in Radiocarbon, Volume 35, Number 1, 1993) prior to the calibration. Marine carbonates that have not been corrected for  $\delta^{13}C/^{12}C$  are adjusted by an assumed value of 0 ‰ in addition to the reservoir corrections. Reservoir corrections for fresh water carbonates are usually unknown and are generally not accounted for in those calibrations. In the absence of measured  $\delta^{13}C/^{12}C$  ratios, a typical value of -5 ‰ is assumed for freshwater carbonates.

(Caveat: the correlation curve for organic materials assume that the material dated was living for exactly ten years (e.g. a collection of 10 individual tree rings taken from the outer portion of a tree that was cut down to produce the sample in the feature dated). For other materials, the maximum and minimum calibrated age ranges given by the computer program are uncertain. The possibility of an "old wood effect" must also be considered, as well as the potential inclusion of younger or older material in matrix samples. Since these factors are indeterminant error in most cases, these calendar calibration results should be used only for illustrative purposes. In the case of carbonates, reservoir correction is theoretical and the local variations are real, highly variable and dependant on provenience. Since imprecision in the correlation data beyond 10,00 years is high, calibrations in this range are likely to change in the future with refinement in the correlation curve. The age ranges and especially the intercept ages generated by the program, must be considered as approximations.)



**APPENDIX 8**

**Context Summary  
by  
Mick McDaid**



## Partney By-Pass (PTN 02) Context Summary

Context No.	Area	Type	Description	Length	Width	Depth
<b>Trench 5</b>						
500	5	Layer	Topsoil	23.7m	1.6m	0.3m
501	5	Layer	Subsoil	23.7m	1.6m	0.2m
502	5	Layer	Natural	23.7m	1.6m	0.12m
503	5	Layer	Natural	23.7m	1.6m	Unknown
504	5	Fill	Fill of 505	2m+	0.7m	0.18m
505	5	Cut	Ditch	2m+	0.7m	0.18m
506	5	Fill	Fill of 507	2m+	1.1m	0.5m
507	5	Cut	Ditch	2m+	1.1m	0.5m
508	5	Fill	Fill of 509	2m+	0.6m	0.37m
509	5	Cut	Ditch	2m+	0.6m	0.37m
510	5	Fill	Fill of 511	2m+	0.2m	Unknown
511	5	Cut	Land Drain	2m+	0.2m	Unknown
512	5	Fill	Fill of 507	2m+	1.1m	0.5m
513	5	Fill	Fill of 507	2m+	0.9m	0.18m
514	5	Fill	Fill of 507	2m+	0.15m	0.3m
<b>Trench 6</b>						
600	6	Layer	Topsoil	18.3m	1.6m	0.3m
601	6	Layer	Subsoil	18.3m	1.6m	0.25m
602	6	Layer	Natural	18.3m	1.6m	Unknown
603	6	Fill	Fill of 604	2m+	1.8m	0.5m
604	6	Cut	Ditch	2m+	1.8m	0.5m
<b>Trench 7</b>						
700	7	Layer	Topsoil	20.0m	1.6m	0.15m
701	7	Layer	Subsoil	20.0m	1.6m	0.2m
702	7	Layer	Natural	20.0m	1.6m	Unknown
703	7	Cut	Animal Burrow	Unknown	0.8m	0.12m
704	7	Fill	Fill of 703	Unknown	0.8m	0.12m
705	7	Fill	Fill of 703	Unknown	0.8m	0.08m
706	7	Cut	Ditch	2m+	3.5m	0.45m
707	7	Fill	Fill of 706	2m+	3.5m	0.45m
<b>Trench 8</b>						
800	8	Layer	Topsoil	10.9m	1.6m	0.15m
801	8	Layer	Subsoil	10.9m	1.6m	0.25m
802	8	Layer	Natural	10.9m	1.6m	Unknown
803	8	Cut	Ditch	Unknown	0.5m	0.55m
804	8	Fill	Fill of 803	Unknown	0.5m	0.55m
805	8	Cut	Ditch	Unknown	1.0m	0.5m
806	8	Fill	Fill of 805	Unknown	1.0m	0.5m
807	8	Cut	Ditch	Unknown	0.6m	0.55m
808	8	Fill	Fill of 807	Unknown	0.6m	0.55m
809	8	Layer	Natural	10.9m	1.6m	0.35m
<b>Trench 9</b>						
900	9	Layer	Topsoil	19.8m	1.6m	0.1m
901	9	Layer	Subsoil	19.8m	1.6m	0.35m
902	9	Layer	Natural	19.8m	1.6m	Unknown
903	9	Deposit	Subsoil	5.5m	1.6m	0.5m
904	9	Cut	Ditch	Unknown	1.1m	0.5m
905	9	Fill	Fill of 904	Unknown	1.1m	0.5m
906	9	Cut	Root Disturbance	Unknown	0.9m	0.75m
907	9	Fill	Fill of 906	Unknown	0.9m	0.75m
908	9	Cut	Same as 906	Unknown	1.0m	0.75m



## Partney By-Pass (PTN 02) Context Summary

Context No.	Area	Type	Description	Length	Width	Depth
909	9	Fill	Same as 906	Unknown	1.0m	0.75m
910	9	Cut	Pit	0.65m	0.2m	0.1m
911	9	Fill	Fill of 910	0.65m	0.2m	0.1m
<b>Trench 10</b>						
1000	10	Layer	Topsoil	19.4m	1.6m	0.15m
1001	10	Layer	Subsoil	19.4m	1.6m	0.15m
1002	10	Layer	Natural	19.4m	1.6m	Unknown
1003	10	Cut	Ditch	2m+	3.0m	0.8m
1004	10	Fill	Fill Of 1003	2m+	1.6m	0.18m
1005	10	Fill	Fill Of 1003	2m+	3.0m	0.45m
1006	10	Fill	Fill Of 1011	2m+	1.0m	0.25m
1007	10	Fill	Fill of 1003	2m+	1.9m	0.25m
1008	10	Fill	Fill of 1011	2m+	1.7m	0.3m
1009	10	Cut	Pit	0.15m	0.15m	0.1m
1010	10	Fill	Fill of 1009	0.15m	0.15m	0.1m
1011	10	Cut	Ditch	Unknown	1.7m	0.3m
<b>Trench 11</b>						
1100	11	Layer	Topsoil	8.2m	4.9m	0.15m
1101	11	Layer	Subsoil	8.2m	4.9m	0.18m
1102	11	Layer	Natural	8.2m	4.9m	Unknown
1103	11	Cut	Tree-bole	2.3m	0.9m	0.15m
1104	11	Fill	Fill of 1103	2.3m	0.9m	0.15m
1105	11	Cut	Ditch	Unknown	1.4m	0.22m
1106	11	Fill	Fill of 1105	Unknown	1.4m	0.22m
1107	11	Cut	Pit	1.7m	0.6m	0.35m
1108	11	Fill	Fill of 1107	1.7m	0.6m	0.35m
1109	11	Cut	Animal Disturbance	1.7m	0.3m	0.15m
1110	11	Fill	Fill of 1109	1.7m	0.3m	0.15m
1111	11	Cut	Ditch	Unknown	1.1m	0.18m
1112	11	Fill	Fill of 1111	Unknown	1.1m	0.18m
1113	11	Cut	Ditch	Unknown	1.6m	0.18m
1114	11	Fill	Fill of 1113	Unknown	1.6m	0.18m
1115	11	Cut	Scoop	Unknown	1.9m	0.12m
1116	11	Fill	Fill of 1115	Unknown	1.9m	0.12m
<b>Trench 12</b>						
1200	12	Layer	Topsoil	19.2m	1.6m	0.4m
1201	12	Layer	Subsoil	19.2m	1.6m	0.3m
1202	12	Layer	Natural	19.2m	1.6m	Unknown
<b>Trench 13</b>						
1300	13	Layer	Topsoil	17.1m	1.6m	0.3m
1301	13	Layer	Subsoil	17.1m	1.6m	0.35m
1302	13	Layer	Natural	17.1m	1.6m	Unknown
1303	13	Cut	Ditch	2m+	2.5m	0.85m
1304	13	Fill	Fill of 1303	2m+	2.5m	0.65m
1305	13	Fill	Fill of 1302	2m+	1.1m	0.20m
1306	13	Cut	Ditch	2m+	3.0m	0.5m
1307	13	Fill	Fill of 1306	2m+	3.0m	0.5m
1308	13	Cut	Gully	2m+	0.25m	0.1m
1309	13	Fill	Fill of 1308	2m+	0.25m	0.1m
<b>Trench 14</b>						
1400	14	Layer	Topsoil	20.5m	1.6m	0.33m
1401	14	Layer	Subsoil	20.5m	1.6m	0.25m



## Partney By-Pass (PTN 02) Context Summary

Context No.	Area	Type	Description	Length	Width	Depth
1402	14	Layer	Natural	20.5m	1.6m	Unknown
1403	14	Cut	Ditch	2m+	2.9m	0.7m
1404	14	Fill	Fill of 1403	2m+	2.9m	0.7m
1405	14	Cut	Ditch	2m+	1.8m	0.35m
1406	14	Fill	Fill of 1405	2m+	1.8m	0.35m
1407	14	Cut	Grave	2m+	0.7m	0.67m
1408	14	Fill	Fill of 1407	2m+	0.7m	0.67m
1409	14	Cut	Grave	2m+	0.7m	0.25m
1410	14	Fill	Skeleton	c.2m	0.50m	0.15m
1411	14	Fill	Fill of 1409	2m+	0.7m	0.25m
1412	14	Cut	Grave	2m+	0.7m	0.25m
1413	14	Fill	Skeleton	Unknown	Unknown	Unknown
1414	14	Fill	Fill of 1412	2m+	0.7m	0.25m
1415	14	Cut	Grave	2m+	0.7m	0.25m
1416	14	Fill	Skeleton	Unknown	Unknown	Unknown
1417	14	Fill	Fill of 1415	2m+	0.7m	0.25m
1418	14	Fill	Skeleton	Unknown	Unknown	Unknown
1419	14	Fill	Skeleton	Unknown	Unknown	Unknown
1420	14	Cut	Grave	1.50m	0.5m	Unknown
1421	14	Fill	Fill of 1420	1.50m	0.5m	Unknown
1422	14	Cut	Grave	1.35m	0.6m	Unknown
1423	14	Fill	Fill of 1422	1.35m	0.6m	Unknown
1424	14	Cut	Grave	0.6m+	0.6m	Unknown
1425	14	Fill	Fill of 1424	0.6m+	0.6m	Unknown
1426	14	Cut	Grave	1.80m	0.85m	Unknown
1427	14	Fill	Fill of 1426	1.80m	0.85m	Unknown
1428	14	Cut	Grave	2.05m	0.6m	Unknown
1429	14	Fill	Fill of 1428	2.05m	0.6m	Unknown
1430	14	Cut	Grave	1.10m+	1m	Unknown
1431	14	Fill	Fill of 1430	1.10m+	1m	Unknown
1432	14	Cut	Grave	1.60m	1m	Unknown
1433	14	Fill	Fill of 1432	1.60m	1m	Unknown
1434	14	Cut	Grave	1.80m	0.70m	Unknown
1435	14	Fill	Fill of 1434	1.80m	0.70m	Unknown
<b>Trench 15</b>						
1500	15	Layer	Topsoil	9.5m	5.0m	0.33m
1501	15	Layer	Subsoil	9.5m	5.0m	0.25m
1502	15	Layer	Natural	9.5m	5.0m	Unknown
1503	15	Cut	Ditch	4.5m	0.75m	0.5m
1504	15	Fill	Fill of 1503	4.5m	0.75m	0.5m
1505	15	Cut	Scoop	1.5m	0.73m	0.03m
1506	15	Fill	Fill of 1505	1.5m	0.73m	0.03m
1507	15	Cut	Land Drain	5.0m	0.3m	Unknown
1508	15	Fill	Fill of 1507	5.0m	0.3m	Unknown
1509	15	Cut	Grave	1.8m	0.5m	0.01m
1510	15	Fill	Fill of 1509	1.8m	0.5m	0.01m
<b>Trench 16</b>						
1600	16	Layer	Topsoil	18.8m	1.6m	0.39m
1601	16	Layer	Subsoil	18.8m	1.6m	0.17m
1602	16	Layer	Natural	18.8m	1.6m	Unknown
1603	16	Cut	Ditch	2m+	c.3m	Unknown
1604	16	Fill	Fill of 1603	2m+	c.3m	Unknown



## Partney By-Pass (PTN 02) Context Summary

Context No.	Area	Type	Description	Length	Width	Depth
1605	16	Cut	Ditch	2m+	c.3m	0.30m
1606	16	Fill	Fill of 1605	2m+	c.3m	0.30m
1607	16	Layer	Natural	18.8m	1.6m	Unknown
<b>Trench 17</b>						
1700	17	Layer	Topsoil	20.0m	1.6m	0.30m
1701	17	Layer	Subsoil	20.0m	1.6m	0.25m
1702	17	Layer	Natural	20.0m	1.6m	Unknown
1703	17	Layer	Alluvium	20.0m	1.6m	Unknown
1704	17	Layer	Natural	20.0m	1.6m	Unknown
1705	17	Layer	Natural	20.0m	1.6m	Unknown
1706	17	Layer	Natural	20.0m	1.6m	Unknown
<b>Trench 18</b>						
1800	18	Layer	Topsoil	20.3m	1.6m	0.33m
1801	18	Layer	Subsoil	20.3m	1.6m	0.25m
1802	18	Layer	Natural	20.3m	1.6m	Unknown
<b>Trench 19</b>						
1900	19	Layer	Topsoil	20.0m	1.6m	0.3m
1901	19	Layer	Natural	20.0m	1.6m	Unknown
1902	19	Cut	Land Drain	1.7m	1.5m	0.5m
1903	19	Fill	Fill of 1902	1.7m	1.5m	0.5m
1904	19	Layer	Subsoil	20.0m	1.6m	0.14m
1905	19	Layer	Spread	1.0m	0.5m	0.07m
<b>Trench 20</b>						
2000	20	Layer	Topsoil	20.0m	1.60m	0.30m
2001	20	Layer	Natural	20.0m	1.60m	0.14m
2002	20	Cut	Clay Pit	11.5m +	Unknown	2.9m +
2003	20	Fill	Fill of 2002	11.5m+	Unknown	2.9m +
2004	20	Fill	Fill of 2002	11.5m +	Unknown	0.40m
2005	20	Fill	fill of 2004	4.30m +	Unknown	Unknown
2006	20	Fill	Fill of 2002	Unknown	Unknown	Unknown
2007	20	Fill	Fill of 2002	Unknown	Unknown	0.20m +
2008	20	Fill	Fill of 2002	Unknown	Unknown	0.40m
2009	20	Layer	Subsoil	20.0m	1.60m	0.14m
<b>Trench 21</b>						
2100	21	Layer	Topsoil	20.4m	1.60m	0.30m
2101	21	Layer	Natural	20.4m	1.60m	Unknown
2102	21	Cut	Ditch	Unknown	1.50m	0.24m
2103	21	Fill	Fill of 2102	Unknown	1.50m	0.24m
2104	21	Cut	Scoop	7.0m +	1.80m +	0.20m
2105	21	Fill	Fill of 2104	7.0m +	1.80m +	0.20m
2106	21	Layer	Subsoil	20.4m	1.60m	0.14m
<b>Trench 22</b>						
2200	22	Layer	Topsoil	19.3m	1.60m	0.35m
2201	22	Layer	Natural	19.3m	1.60m	Unknown
2202	22	Cut	Depression	2m+	1.70m	0.25m
2203	22	Fill	Upper fill of 2202	2m+	1.70m	0.12m
2204	22	Fill	Lower fill of 2202	2m+	1.70m	0.14m
2205	22	Cut	Gully	2m+	1.50m	0.30m
2206	22	Fill	Fill of 2205	2m+	1.50m	0.30m
2207	22	Cut	Run off channel	2m+	3.10m	0.20m
2208	22	Fill	Fill of 2207	2m+	3.10m	0.20m
2209	22	Layer	Subsoil	19.3m	1.60m	0.14m



## Partney By-Pass (PTN 02) Context Summary

Context No.	Area	Type	Description	Length	Width	Depth
2210	22	Fill	Fill of 2205	2m+	1.50m	0.30m
<b>Trench 23</b>						
2300	23	Layer	Topsoil	9.30m	4.90m	0.35m
2301	23	Layer	Subsoil	9.30m	4.90m	0.35m
2302	23	Fill	Fill of 2308	3.40m +	1.40m	Unknown
2303	23	Fill	Fill of 2308	Unknown	2.60m	0.28m
2304	23	Layer	Natural	9.30m	4.90m	Unknown
2305	23	Fill	Fill of 2308	Unknown	7.90m +	0.15m
2306	23	Fill	Fill of 2308	1.60m+	3.40m +	Unknown
2307	23	Fill	Fill of 2308	3.40m +	1.40m	Unknown
2308	23	Cut	Palaeochannel	Unknown	5.80m +	Unknown
2309	23	Cut	Pit	0.50m	0.50m	0.22m
2310	23	Fill	Fill of 2309	0.50m	0.50m	0.11m
2311	23	Fill	Fill of 2309	0.50m	0.50m	0.11m
<b>Trench 24</b>						
2400	24	Layer	Topsoil	19.0m	1.60m	0.30m
2401	24	Layer	Subsoil	19.0m	1.60m	0.25m
2402	24	Layer	Alluvium	Unknown	15.0m	0.12m
2403	24	Layer	Palaeochannel fill	Unknown	15.0m	Unknown
2404	24	Layer	Natural	19.0m	1.60m	Unknown
2405	24	Cut	Palaeochannel	Unknown	15.0m	Unknown
<b>Trench 25</b>						
2500	25	Layer	Topsoil	20.2m	1.60m	0.25m
2501	25	Layer	Subsoil	20.2m	1.60m	0.35m
2502	25	Layer	Alluvium	20.2m	1.60m	0.15m
2503	25	Fill	Fill of Palaeochannel	Unknown	1.60m	0.08m
2504	25	Layer	Natural	20.2m	1.60m	Unknown
2505	25	Cut	Ditch	Unknown	0.60m	0.28m
2506	25	Fill	Fill of 2505	Unknown	0.60m	0.28m
2507	25	Cut	Water channel	Unknown	0.60m	0.42m
2508	25	Fill	Fill of 2507	Unknown	0.60m	0.42m
<b>Trench 26</b>						
2600	26	Layer	Topsoil	18.9m +	1.60m +	0.30m
2601	26	Layer	Subsoil	18.9m +	1.60m +	0.35m
2602	26	Layer	Alluvium	18.9m +	1.60m +	0.25m
2603	26	Layer	Alluvium	18.9m +	1.60m +	Unknown
2604	26	Layer	Alluvium/Subsoil Mix	18.9m +	1.60m +	0.15m
2605	26	Layer	Alluvium	18.9m +	1.60m +	0.15m
<b>Trench 27</b>						
2700	27	Layer	Topsoil	20.9m +	1.60m+	0.35m
2701	27	Layer	Subsoil	20.9m+	1.60m+	0.20m
2702	27	Layer	Natural	20.9m+	1.60m+	Unknown
2703	27	Cut	Ditch	2m+	2.7m	1.0m
2704	27	Fill	Fill of 2703	2m+	2.7m	1.0m
2705	27	Cut	Ditch	2m+	3.2m	1.2m
2706	27	Fill	Fill of 2705	2m+	3.2m	1.2m
2707	27	Cut	Treebole	4.50m	2m+	0.5m
2708	27	Fill	Fill of 2707	4.50m	2m+	0.5m
2709	27	Cut	Treebole	4.50m	2m+	0.35m
2710	27	Fill	Fill of 2708	4.50m	2m+	0.35m
2711	27	Cut	Ditch	Unknown	3.1m	0.38m
2712	27	Fill	Fill of 2711	Unknown	3.1m	0.38m



## Partney By-Pass (PTN 02) Context Summary

Context No.	Area	Type	Description	Length	Width	Depth
2713	27	Cut	Gully	0.75m	0.2m	0.1m
2714	27	Fill	Fill of 2713	0.75m	0.2m	0.1m
2715	27	Cut	Ditch	2m+	1.6m	Unknown
2716	27	Fill	Fill of 2715	2m+	1.6m	Unknown
2717	27	Fill	Fill of 2707	2m+	3.5m	0.5m
2718	27	Fill	Fill of 2705	Unknown	Unknown	0.10m
2719	27	Fill	Fill of 2705	Unknown	Unknown	0.10m
2720	27	Fill	Fill of 2711	Unknown	1.75m	0.35m
2721	27	Fill	Fill of 2711	Unknown	1m	0.25m
2722	27	Fill	Fill of 2711	Unknown	0.05m	0.35m
2723	27	Fill	Fill of 2711	Unknown	0.15m	0.35m
2724	27	Fill	Fill of 2711	Unknown	0.30m	0.35m
<b>Trench 28</b>						
2800	28	Layer	Topsoil	16.8m +	1.60m +	0.35m
2801	28	Layer	Subsoil	16.8m+	1.60m +	0.20m
2802	28	Layer	Natural	16.8m +	1.60m +	Unknown
2803	28	Cut	Ditch	Unknown	7.8m	0.80m
2804	28	Fill	Fill of 2803	Unknown	7.8m	0.80m
2805	28	Fill	Fill of 2803	Unknown	0.45m	0.15m
2806	28	Cut	Ditch	Unknown	0.65m	0.60m
2807	28	Fill	Fill of 2806	Unknown	0.65m	0.60m
2808	28	Fill	Fill of 2810	2m+	0.25m	1m
2809	28	Cut	Same as 2703	2m+	1.50m	1m
2810	28	Cut	Ditch	2m+	1.50m	1m
2811	28	Fill	Fill of 2803	1m+	1m	Unknown
2812	28	Fill	Fill of 2809	2m+	1.50m	1m
2813	28	Cut	tree bole	2m+	2m+	0.25m+
2814	28	Fill	Fill of 2813	2m+	2m+	0.25m+
2815	28	Fill	Fill of 2813	2m+	2m+	0.25m+
<b>Trench 29</b>						
2900	29	Layer	Topsoil	9.60m	4.60m	0.30m
2901	29	Layer	Subsoil	9.60m	4.60m	0.22m
2902	29	Layer	Natural	9.60m	4.60m	Unknown
2903	29	Cut	Gully	6.70m +	0.60m	0.06m
2904	29	Fill	Fill of gully	6.70m +	0.60m	0.06m
2905	29	Cut	Ditch	3.40m +	0.55m +	0.44m
2906	29	Fill	Fiill of 2905	3.40m+	0.55m +	0.44m
2907	29	Cut	Ditch	9.60m+	0.80m	0.43m
2908	29	Fill	Fill of 2907	9.60m+	0.80m	0.43m
2909	29	Cut	Ditch	9.60m+	1.50m	0.62m
2910	29	Fill	Fill of 2909	9.60m+	1.50m	0.58m
2911	29	Fill	Primary fill of 2909	9.60m+	0.28m	0.04m
<b>Trench 30</b>						
3000	30	Layer	Topsoil	43.9m+	1.60m+	0.30m
3001	30	Layer	Subsoil	43.9m+	1.60m+	0.22m
3002	30	Layer	Natural	43.9m+	1.60m+	Unknown
3003	30	Cut	Ditch	Unknown	0.65m +	0.11m
3004	30	Fill	Fill of 3003	Unknown	0.65m +	0.11m
3005	30	Cut	Ditch	Unknown	2.0m	0.37m
3006	30	Fill	Same as 3114	Unknown	2.0m	0.37m
3007	30	Cut	Same as 3111			
3008	30	Fill	Fill of 3007			



## Partney By-Pass (PTN 02) Context Summary

Context No.	Area	Type	Description	Length	Width	Depth
3009	30	Cut	Ditch	2m+	1.0m	Unknown
3010	30	Fill	Fill of 3009	2m+	1.0m	Unknown
3011	30	Cut	Ditch	3.0m+	0.4m	0.10m
3012	30	Fill	Fill of 3011	3.0m+	0.4m	0.10m
3013	30	Cut	Ditch	2m+	0.35m	0.21m
3014	30	Fill	Fill of 3013	2m+	0.35m	0.21m
3015	30	Cut	Land Drain	2m+	0.20m	Unknown
3016	30	Fill	Fill of 3015	2m+	0.20m	Unknown
3017	30	Cut	Animal Burrow	0.90m	0.20m	0.1m
3018	30	Fill	Fill of 3017	0.90m	0.20m	0.1m
3019	30	Cut	Ditch	2m+	0.9m	0.25m
3020	30	Fill	Fill of 3019	2m+	0.9m	0.25m
3021	30	Cut	Ditch	2m+	0.8m	0.12m
3022	30	Fill	Fill of 3021	2m+	0.8m	0.12m
3023	30	Cut	Ditch	2m+	1.7m	Unknown
3024	30	Fill	Fill of 3023	2m+	1.7m	Unknown
3025	30	Cut	Ditch	2m+	3.5m	0.05m
3026	30	Fill	Fill of 3025	2m+	3.5m	0.05m
3027	30	Cut	Ditch	2m+	0.7m	0.38m
3028	30	Fill	Fill of 3027	2m+	0.7m	0.38m
3029	30	Cut	Ditch	2m+	1.1m	Unknown
3030	30	Fill	Fill of 3029	2m+	1.1m	Unknown
3031	30	Cut	Ditch	2m+	0.5m	Unknown
3032	30	Fill	Fill of 3031	2m+	0.5m	Unknown
3033	30	Cut	Ditch	2m+	0.4m	0.12m
3034	30	Fill	Fill of 3033	2m+	0.4m	0.12m
3035	30	Cut	Posthole	0.42m	0.42m	0.12m
3036	30	Fill	Fill of 3035	0.42m	0.42m	0.12m
3037	30	Cut	Ditch	2m+	1.2m	0.11m
3038	30	Fill	Fill of 3037	2m+	1.2m	0.11m
3039	30	Cut	Ditch	2m+	0.5m	0.32m
3040	30	Fill	Fill of 3039	2m+	0.5m	0.32m
3041	30	Cut	Ditch	2m+	0.35m	0.2m
3042	30	Fill	Fill of 3041	2m+	0.35m	0.2m
3043	30	Cut	Ditch	2m+	3.4m	0.35m
3044	30	Fill	Fill of 2043	2m+	3.4m	0.35m
3045	30	Cut	Ditch	2m+	1.0m	0.36m
3046	30	Fill	Fill of 3045	2m+	1.0m	0.36m
3047	30	Cut	Ditch	2m+	0.4m	0.1m
3048	30	Fill	Fill of 3047	2m+	0.4m	0.1m
3049	30	Cut	Ditch	2m+	Unknown	0.13m
3050	30	Fill	Fill of 3049	2m+	Unknown	0.13m
3051	30	Cut	Posthole	0.25m	0.25m	0.06m
3052	30	Cut	Ditch	2m+	0.28m	0.04m
3053	30	Fill	Fill of 3052	2m+	0.28m	0.04m
3054	30	Cut	Ditch	2m+	0.35m	0.05m
3055	30	Fill	Fill of 3054	2m+	0.35m	0.05m
3056	30	Fill	Fill of 3051	0.25m	0.25m	0.06m
3057	30	Cut	Posthole	0.25m	0.25m	0.3m
3058	30	Fill	Fill of 3057	0.25m	0.25m	0.3m
3059	30	Fill	Primary fill of ditch	Unknown	3.4m	0.35m
3060	30	Fill	Spread	1.2m	0.2m	Unknown



## Partney By-Pass (PTN 02) Context Summary

Context No.	Area	Type	Description	Length	Width	Depth
3061	30	Fill	Secondary fill of ditch	Unknown	1.8m	0.4m
3062	30	Cut	Ditch			
3063	30	Fill	Fill of 3062			
3064	30	Cut	Ditch			
3065	30	Fill	Fill of 3064			
3066	30	Cut	Ditch			
3067	30	Fill	Fill of 3066			
3068	30	Cut	Ditch			
3069	30	Fill	Fill of 3068			
3070	30	Fill	Fill of 3005			
<b>Trench 31</b>						
3100	31	Layer	Topsoil	20.1m	1.6m	0.30m
3101	31	Layer	Subsoil	20.1m	1.6m	0.22m
3102	31	Layer	Natural	20.1m	1.6m	Unknown
3103	31	Cut	Ditch	2m+	0.7m	0.38m
3104	31	Fill	Fill of 3103	2m+	0.7m	0.38m
3105	31	Cut	Ditch	2m+	3.5m	0.05m
3106	31	Fill	Fill of 3105	2m+	3.5m	0.05m
3107	31	Cut	Ditch	2m+	0.55m	Unknown
3108	31	Fill	Fill of 3107	2m+	0.55m	Unknown
3109	31	Cut	Land Drain	2m+	0.2m	Unknown
3110	31	Fill	Fill of 3109	2m+	0.2m	Unknown
3111	31	Cut	Ditch	2m+	0.5m	Unknown
3112	31	Fill	Fill of 3111	2m+	0.5m	Unknown
3113	31	Cut	Ditch	2m+	1.65m	0.37m
3114	31	Fill	Fill of 3113	2m+	1.65m	0.37m
3115	31	Fill	Ditch	2m+	0.7m	1.0m
3116	31	Fill	Fill of 3115	2m+	0.7m	1.0m
3117	31	Cut	Ditch	2m+	1.5m	0.12m
3118	31	Fill	Fill of 3117	2m+	1.5m	0.12m
3119	31		not used			
3120	31	Cut	Pit	0.50m+	0.50m	0.22m
3121	31	Fill	Fill of 3120	0.50m+	0.50m	0.22m
3122	31	Cut	Pit	0.50m+	1m	0.20m
3123	31	Fill	Fill of 3122	0.50m+	1m	0.20m
3124	31	Cut	Ditch	2m+	0.30m	0.10m
3125	31	Fill	Fill of 3124	2m+	0.30m	0.10m
<b>Trench 32</b>						
3200	32	Layer	Topsoil	12.3m	1.6m	0.55m
3201	32	Layer	Subsoil	12.3m	1.6m	0.25m
3202	32	Layer	Natural	12.3m	1.6m	Unknown
3203	32	Cut	Ditch	2m+	0.6m	0.35m
3204	32	Fill	Fill of 3203	2m+	0.6m	0.35m
3205	32	Cut	Ditch	2m+	0.65m	0.15m
3206	32	Fill	Fill of 3205	2m+	0.65m	0.15m
3207	32	Cut	Pit	1m+	1.4m	0.1m
3208	32	Fill	Fill of 3207	1m+	1.4m	0.1m
3209	32	Cut	Ditch	2m+	2.2m	0.45m
3210	32	Fill	Fill of 3209	2m+	2.2m	0.12m
3211	32	Fill	Fill of 3209	2m+	1.80m	0.30m
<b>Trench 33</b>						
3300	33	Layer	Topsoil	20.1m	1.6m	0.3m



## Partney By-Pass (PTN 02) Context Summary

3301	33	Layer	Natural	20.1m	1.6m	Unknown
3302	33	Fill	Pond	2m+	10m+	0.80m
3303	33	Fill	Fill of pond	2m+	10m+	0.80m
3304	33	Cut	Pond	2m+	10m+	0.80m
3305	33	Fill	Fill of 3304	3.50m+	2m+	0.3m
3306	33	Cut	Depression	2m+	3.0m	0.25m
3307	33	Fill	Fill of 3306	2m+	3.0m	0.25m
<b>Context No.</b>	<b>Area</b>	<b>Type</b>	<b>Description</b>	<b>Length</b>	<b>Width</b>	<b>Depth</b>
3308	33	Cut	Ditch	2m+	2.8m	0.7m
3309	33	Fill	Fill of 3308	2m+	2.8m	0.7m
3310	33	Fill	Burnt fill of 3311	2m+	0.7m	0.1m
3311	33	Cut	Ditch	2m+	0.7m	0.1m
3312	33	Fill	Fill of 3311	2m+	0.7m	0.15m
3313	33	Fill	Fill of 3308	2m+	2.8m	0.7m
3314	33	Layer	Subsoil	20.1m	1.6m	0.12m
3315	33	Cut	Pit	2.4m	2.4m	0.25m
3316	33	Fill	Fill of 3315	2.4m	2.4m	0.25m
3317	33	Fill	Fill of 3304	Unknown	1.0m	0.15m
<b>Trench 34</b>						
3400	34	Layer	Topsoil	18.8m	1.6m	0.35m
3401	34	Layer	Natural	18.8m	1.6m	Unknown
3402	34	Cut	Ditch	2m+	1.6m	0.4m
3403	34	Fill	Fill of 3402	2m+	1.6m	0.2m
3404	34	Cut	Ditch	2m+	1.0m	0.18m
3405	34	Fill	Fill of 3404	2m+	1.0m	0.18m
3406	34	Cut	Ditch	2m+	0.3m	0.1m
3407	34	Fill	Fill of 3406	2m+	0.3m	0.1m
3408	34	Cut	Pond	10m+	5.8m	0.5m
3409	34	Fill	Fill of 3408	10m+	5.8m	0.5m
3410	34	Cut	Ditch	2m+	1.7m	0.3m
3411	34	Fill	Fill of 3410	Unknown	1.7m	0.3m
3412	34	Fill	Fill of 3410	Unknown	0.45m	0.08m
3413	34	Fill	Fill of 3408	2m+	2.25m	0.2m
3414	34	Fill	Fill of 3402	2m+	0.9m	0.1m
3415	34	Fill	Fill of 3402	2m+	0.7m	0.15m
<b>Trench 35</b>						
3500	35	Layer	Topsoil	18m	1.6m	0.55m
3501	35	Layer	Subsoil	18m	1.6m	0.15m
3502	35	Layer	Natural	18m	1.6m	Unknown
3503	35	Cut	Ditch	2m+	0.5m	0.3m
3504	35	Fill	Fill of 3503	2m+	0.5m	0.3m
3505	35	Cut	Ditch	2m+	1.9m	0.4m
3506	35	Fill	Fill of 3505	2m+	1.9m	0.4m
3507	35	Cut	Ditch	2m+	0.55m	0.08m
3508	35	Fill	Fill of 3507	2m+	0.55m	0.08m
3509	35	Cut	Ditch	2m+	0.6m	0.07m
3510	35	Fill	Fill of 3509	2m+	0.6m	0.07m
3511	35	Cut	Animal Burrow	0.5m	0.1m	Unknown
3512	35		not used			
3513	35	Cut	Pit	2.75m	2.75m	0.19m
3514	35	Fill	Fill of 3513	2.75m	2.75m	0.19m
3515	35	Cut	Ditch	Unknown	0.55m	0.34m
3516	35	Fill	Fill of 3515	Unknown	0.55m	0.34m



## Partney By-Pass (PTN 02) Context Summary

3517	35	Cut	Ditch	Unknown	0.3m	0.29m
3518	35	Fill	Fill of 3517	Unknown	0.3m	0.29m
3519	35	Cut	Ditch	Unknown	0.6m	0.23m
3520	35	Fill	Fill of 3520	Unknown	0.6m	0.23m
3521	35	Cut	Ditch	Unknown	1.6m	0.65m
3522	35	Fill	Fill of 3521	Unknown	1.6m	0.65m
3523	35	Cut	Gully	Unknown	0.35m	0.06m
<b>Context No.</b>	<b>Area</b>	<b>Type</b>	<b>Description</b>	<b>Length</b>	<b>Width</b>	<b>Depth</b>
3524	35	Fill	Fill of 3523	Unknown	0.35m	0.06m
3525	35	Cut	Ditch	Unknown	2.0m	0.65m
3526	35	Fill	Fill of 3525	Unknown	2.0m	0.65m
<b>Trench 36</b>						
3600	36	Layer	Topsoil	19.9m	1.6m	0.3m
3601	36	Layer	Subsoil	19.9m	1.6m	0.15m
3602	36	Layer	Natural	19.9m	1.6m	Unknown
3603	36	Cut	Furrow	2m+	1.85m	0.20m
3604	36	Fill	Fill of 3603	2m+	1.85m	0.20m
3605	36	Cut	Furrow	2m+	1.75m	0.12m
3606	36	Fill	Fill of 3605	2m+	1.75m	0.12m
<b>Trench 37</b>						
3700	37	Layer	Topsoil	19.9m	1.6m	0.4m
3701	37	Layer	Subsoil	19.9m	1.6m	0.1m
3702	37	Layer	Natural	19.9m	1.6m	Unknown
3703	37	Cut	Furrow	19.9m	4.1m	0.32m
3704	37	Fill	Fill of 3703	19.9m	4.1m	0.15m
3705	37	Fill	Fill of 3703	Unknown	0.35m	0.15m
<b>Trench 38</b>						
3800	38	Layer	Topsoil	20.0m	1.6m	0.3m
3801	38	Layer	Subsoil	20.0m	1.6m	0.1m
3802	38	Layer	Natural	20.0m	1.6m	Unknown
3803	38	Cut	Furrow	2m+	3.3m	0.25m
3804	38	Fill	Fill of 3804	2m+	3.3m	0.25m
3805	38	Cut	Furrow	2m+	1.8m	0.25m
3806	38	Fill	Fill of 3805	2m+	1.8m	0.25m
3807	38	Cut	Furrow	2m+	2.5m	0.2m
3808	38	Fill	Fill of 3807	2m+	2.5m	0.2m
3809	38	Cut	Furrow	2m+	2.8m	0.2m
3810	38	Fill	Fill of 3809	2m+	2.8m	0.2m
<b>Trench 39</b>						
3900	39	Layer	Topsoil	20.35m	1.6m	0.2m
3901	39	Layer	Subsoil	20.35m	1.6m	0.2m
3902	39	Layer	Natural	20.35m	1.6m	Unknown
3903	39	Cut	Furrow	2m+	1.7m	0.15m
3904	39	Fill	Fill of 3903	2m+	1.7m	0.15m
3905	39	Cut	Furrow	2m+	1.7m	Unknown
3906	39	Fill	Fill of 3905	2m+	1.7m	Unknown
3907	39	Cut	Furrow	2m+	1.7m	Unknown
3908	39	Fill	Fill of 3907	2m+	1.7m	Unknown
<b>Trench 40</b>						
4000	40	Layer	Topsoil	18.0m	1.6m	0.25m
4001	40	Layer	Subsoil	18.0m	1.6m	0.25m
4002	40	Layer	Natural	18.0m	1.6m	Unknown
4003	40	Cut	Ditch	Unknown	1.15m	0.09m



## Partney By-Pass (PTN 02) Context Summary

4004	40	Fill	Fill of 4104	Unknown	1.15m	0.09m
4005	40	Layer	Natural	Unknown	Unknown	0.14m
4006	40	Layer	Natural	Unknown	Unknown	0.22m
4007	40	Layer	Natural	Unknown	Unknown	0.29m
4008	40	Layer	Natural	Unknown	Unknown	0.22m
4009	40	Layer	Natural	Unknown	0.35m	0.07m
<b>Context No. Area Type Description Length Width Depth</b>						
<b>Trench 41</b>						
4100	41	Layer	Topsoil	24.0m	1.6m	0.3m
4101	41	Layer	Subsoil	24.0m	1.6m	0.4m
4102	41	Layer	Natural	24.0m	1.6m	Unknown
4103	41	Cut	Ditch	Unknown	1.15m	0.09m
4104	41	Fill	Fill of 4103	Unknown	1.15m	0.09m
4105	41	Cut	Scoop	Unknown	3.8m	0.30m
4106	41	Fill	Fill of 4105	Unknown	3.8m	0.30m
4107	41	Cut	Scoop	Unknown	2.3m	0.26m
4108	41	Fill	Fill of 4107	Unknown	2.3m	0.26m
4109	41	Cut	Scoop	Unknown	3.56m	0.26m
4110	41	Fill	Fill of 4109	Unknown	3.56m	0.26m
4111	41	Cut	Posthole	0.25m	0.25m	0.12m
4112	41	Fill	Fill of 4111	0.25m	0.25m	0.12m
<b>Trench 42</b>						
4200	42	Layer	Topsoil	19.7m	1.6m	0.30m
4201	42	Layer	Subsoil	19.7m	1.6m	0.20m
4202	42	Layer	Natural	19.7m	1.6m	Unknown
<b>Trench 43</b>						
4300	43	Layer	Topsoil	19.4m	1.6m	0.35m
4301	43	Layer	Subsoil	19.4m	1.6m	0.25m
4302	43	Layer	Natural	19.4m	1.6m	Unknown
<b>Trench 44</b>						
4400	44	Layer	Topsoil	9.6m	4.7m	0.25m
4401	44	Layer	Subsoil	9.6m	4.7m	0.5m
4402	44	Layer	Natural	9.6m	4.7m	Unknown
<b>Trench 45</b>						
4500	45	Layer	Topsoil	10.1m	5.0m	0.25m
4501	45	Layer	Subsoil	10.1m	5.0m	0.35m
4502	45	Layer	Natural	10.1m	5.0m	Unknown
4503	45	Cut	Ditch	5m+	0.8m	0.25m
4504	45	Fill	Fill of 4503	5m+	0.8m	0.25m
<b>Trench 46</b>						
4600	46	Layer	Topsoil	10.0m	5.35m	0.30m
4601	46	Layer	Subsoil	10.0m	5.35m	0.35m
4602	46	Layer	Natural	10.0m	5.35m	Unknown
<b>Trench 47</b>						
4700	47	Layer	Topsoil	10.0m	5.0m	0.30m
4701	47	Layer	Subsoil	10.0m	5.0m	0.25m
4702	47	Layer	Natural	10.0m	5.0m	Unknown
4703	47	Cut	Ditch	5m+	0.65m	0.07m
4704	47	Fill	Fill of 4703	5m+	0.65m	0.07m
4705	47	Cut	Ditch	5m+	0.55m	0.12m
4706	47	Fill	Fill of 4705	5m+	0.55m	0.12m
<b>Trench 48</b>						



**Partney By-Pass (PTN 02) Context Summary**

4800	48	Layer	Topsoil	10.0m	5.0m	0.30m
4801	48	Layer	Subsoil	10.0m	5.0m	0.25m
4802	48	Layer	Natural	10.0m	5.0m	Unknown
4803	48	Cut	Ditch	5m+	2.1m	0.5m
4804	48	Fill	Fill of 4803	5m+	2.1m	0.5m
4805	48	Cut	Ditch	5m+	0.65m	0.30m
4806	48	Fill	fill of 4805	5m+	0.65m	0.30m
<b>Context No.</b>	<b>Area</b>	<b>Type</b>	<b>Description</b>	<b>Length</b>	<b>Width</b>	<b>Depth</b>
4807	48	Cut	Ditch	5m+	5.1m	0.9m
4808	48	Fill	Fill of 4807	5m+	5.1m	0.9m
4809	48	Cut	Depression	1.5m	0.5m	0.13m
4810	48	Fill	Fill of 4809	1.5m	0.5m	0.13m
4811	48	Cut	Ditch	11m+	c.1m	Unknown
4812	48	Fill	Fill of 4811	11m+	c.1m	Unknown
<b>Trench 49</b>						
4900	49	Layer	Topsoil	20m+	2m+	0.50m
4901	49	Layer	Subsoil	20m+	2m+	0.05m
4902	49	Layer	Natural	20m+	2m+	unknown
4903	49	Cut	Ditch	2m+	0.75m+	0.63m
4904	49	Fill	Fill of 4903	2m+	0.75m+	0.63m
4905	49	Cut	Ditch	2m+	1m	0.50m
4906	49	Fill	Fill of 4905	2m+	1m	0.50m
4907	49	Cut	Ditch	8m+	1.10m	0.40m
4908	49	Fill	Fill of 4907	8m+	1.10m	0.40m
4909	49	Cut	Ditch	2m+	0.95m	0.32m
4910	49	Fill	Fill of 4909	2m+	0.95m	0.32m
4911	49	Cut	Ditch	7m+	1.50m+	0.26m
4912	49	Fill	Fill of 4911	7m+	1.50m+	0.26m
4913	49	Cut	Ditch	8m+	1.10m	0.40m
4914	49	Fill	Fill of 4913	8m+	1.10m	0.40m
4915	49	Cut	Ditch	9m+	2m+	0.25m
4916	49	Fill	Fill of 4915	9m+	2m+	0.25m
4917	49	Cut	Posthole	0.15m	0.02m	0.20m
4918	49	Fill	Fill of 4917	0.15m	0.02m	0.20m
<b>Trench 50</b>						
5000	50	Layer	Topsoil	20m+	2m+	0.50m
5001	50	Layer	Subsoil	20m+	2m+	0.07m
5002	50	Layer	Natural	20m+	2m+	unknown
5003	50	Cut	Ditch	2m+	0.85m	0.30m
5004	50	Fill	Fill of 5003	2m+	0.85m	0.30m
5005	50	Cut	Ditch	2m+	0.85m	0.40m
5006	50	Fill	Fill of 5005	2m+	0.85m	0.40m
5007	50	Cut	Ditch	2m+	1m	0.45m
5008	50	Fill	Fill of 5007	2m+	1m	0.45m
5009	50	Cut	Ditch	2m+	1m	0.40m
5010	50	Fill	Fill of 5009	2m+	1m	0.40m
5011	50	Cut	Ditch	2m+	0.80m	0.42m
5012	50	Fill	Fill of 5011	2m+	0.80m	0.42m
5013	50	Cut	Ditch	2m+	0.85m	0.40m
5014	50	Fill	Fill of 5013	2m+	0.85m	0.40m
5015	50	Cut	Ditch	2m+	2.5m	0.25m
5016	50	Fill	Fill of 5015	2m+	2.5m	0.25m
<b>Trench 51</b>						



## Partney By-Pass (PTN 02) Context Summary

5100	51	Layer	Topsoil	20m+	2m+	0.55m
5101	51	Layer	Subsoil	20m+	2m+	0.10m
5102	51	Layer	Natural	20m+	2m+	unknown
5103	51	Cut	Ditch	2m+	0.75m	0.35m
5104	51	Fill	Fill of 5103	2m+	0.75m	0.35m
5105	51	Cut	Ditch	2m+	0.60m	0.27m
5106	51	Fill	Fill of 5105	2m+	0.60m	0.27m
5107	51	Cut	Ditch	5m+	2m+	0.10m
5108	51	Fill	Fill of 5107	5m+	2m+	0.10m
<b>Context No.</b>	<b>Area</b>	<b>Type</b>	<b>Description</b>	<b>Length</b>	<b>Width</b>	<b>Depth</b>
5109	51	Cut	Land drain	2m+	14m+	0.15m
5110	51	Fill	Fill of 5109	2m+	14m+	0.15m
5111	51	Cut	Ditch	2m+	1m	0.25m
5112	51	Fill	Fill of 5111	2m+	1m	0.25m
5113	51	Layer	Flood deposit below 5111	2m+	7.50m	0.25m
<b>Trench 52</b>						
5200	52	Layer	Topsoil	20m+	2m+	0.50m
5201	52	Layer	Subsoil	20m+	2m+	0.10m
5202	52	Layer	Natural	20m+	2m+	unknown
5203	52	Cut	Ditch	20m+	0.90m	0.18m
5204	52	Fill	Fill of 5203	20m+	0.90m	0.18m
<b>Trench 53</b>						
5300	53	Layer	Topsoil	20m+	2m+	0.50m
5301	53	Layer	Subsoil	20m+	2m+	0.07m
5302	53	Layer	Natural	20m+	2m+	unknown
5303	53	Cut	Ditch	2m+	5.50m	0.25m
5304	53	Fill	Fill of 5303	2m+	5.50m	0.25m
5305	53	Cut	Ditch	2m+	c.3m	0.72m
5306	53	Fill	Fill of 5305	2m+	c.3m	0.72m
5307	53	Cut	Ditch	2m+	2.50m+	0.72m
5308	53	Fill	Fill of 5307	2m+	2.50m+	0.72m
5309	53	Cut	Pit	0.65m+	0.75m	0.26m
5310	53	Fill	Fill of 5309	0.65m+	0.75m	0.26m
<b>Trench 54</b>						
5400	54	Layer	Topsoil	20m+	2m+	0.50m
5401	54	Layer	Subsoil	20m+	2m+	0.25m
5402	54	Layer	Natural	20m+	2m+	unknown
5403	54	Cut	Root disturbance	0.50m	0.40m	0.10m
5404	54	Fill	Fill of 5403	0.50m	0.40m	0.10m
5405	54	Cut	Ditch	2m+	1.50m+	0.30m
5406	54	Fill	Fill of 5405	2m+	1.50m+	0.30m
<b>Trench 55</b>						
5500	55	Layer	Topsoil	20m+	2m+	0.45m
5501	55	Layer	Subsoil	20m+	2m+	0.10m
5502	55	Layer	Natural	20m+	2m+	unknown
5503	55	Cut	Ditch	2m+	2.50m+	0.55m
5504	55	Fill	Fill of 5503	2m+	2.50m+	0.40m
5505	55	Fill	Fill of 5603	2m+	0.80m	0.15m
<b>Trench 56</b>						
5600	56	Layer	Topsoil	20m+	2m+	0.45m
5601	56	Layer	Subsoil	20m+	2m+	0.10m
5602	56	Layer	Natural	20m+	2m+	unknown
5603	56	Cut	Ditch	2m+	0.45m	0.08m

## Partney By-Pass (PTN 02) Context Summary

5604	56	Fill	Fill of 5603	2m+	0.45m	0.08m
5605	56	Cut	Ditch	2m+	0.45m	0.08m
5606	56	Fill	Fill of 5605	2m+	0.45m	0.08m
5607	56	Cut	Ditch	2m+	0.95m	0.25m
5608	56	Fill	Fill of 5607	2m+	0.95m	0.25m
5609	56	Cut	Ditch	2m+	2.80m	0.50m
5610	56	Fill	Fill of 5609	2m+	2.80m	0.50m
<b>Context No.</b>	<b>Area</b>	<b>Type</b>	<b>Description</b>	<b>Length</b>	<b>Width</b>	<b>Depth</b>
5611	56	Layer	Water washed sand	7m+	2m+	
<b>Trench 57</b>						
5700	57	Layer	Topsoil	10m+	5m+	0.50m
5701	57	Layer	Subsoil	10m+	5m+	0.05m
5702	57	Layer	Natural	10m+	5m+	unknown
5703	57	Cut	Pond	10m+	5m+	0.45m
5704	57	Fill	Fill of 5703	10m+	5m+	0.20m
5705	57	Fill	Fill of 5703	10m+	5m+	0.25m

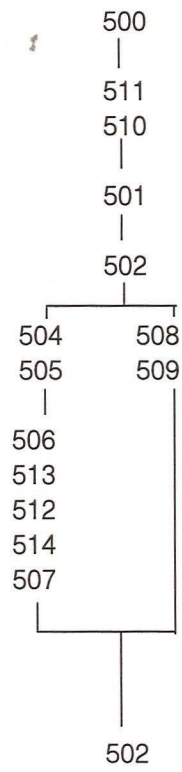


**APPENDIX 9**

**Trench Matrices  
by  
Mick McDaid**

Area A

Trench 5



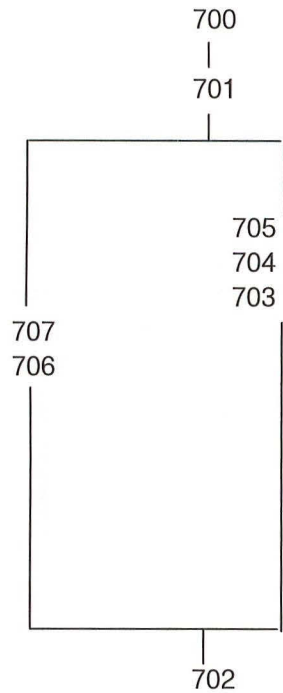
Trench 6



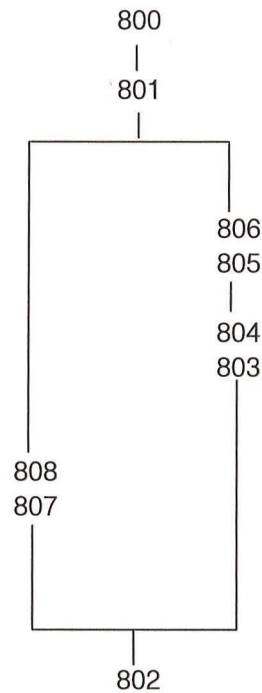


# Area B

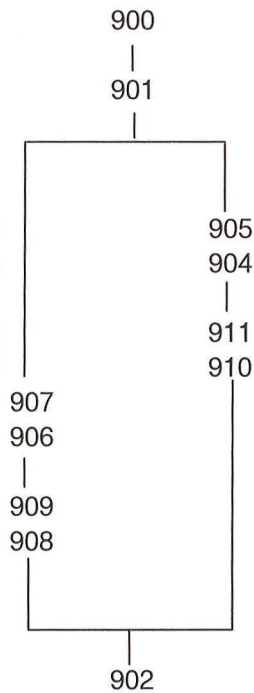
## Trench 7



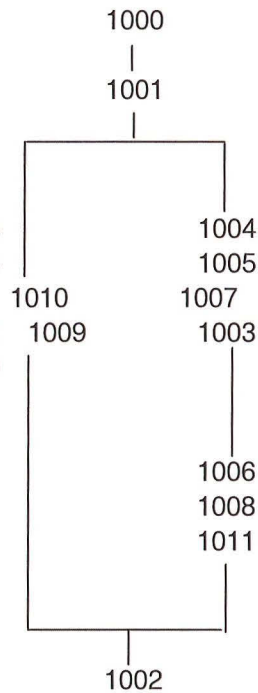
## Trench 8



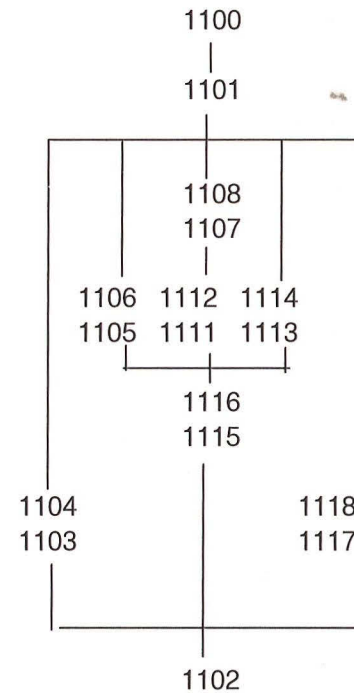
## Trench 9



## Trench 10



## Trench 11

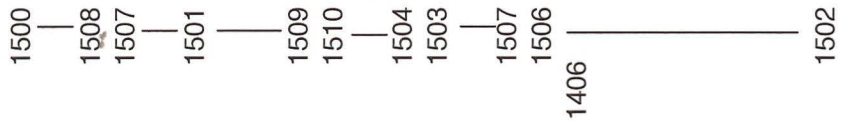


## Trench 12

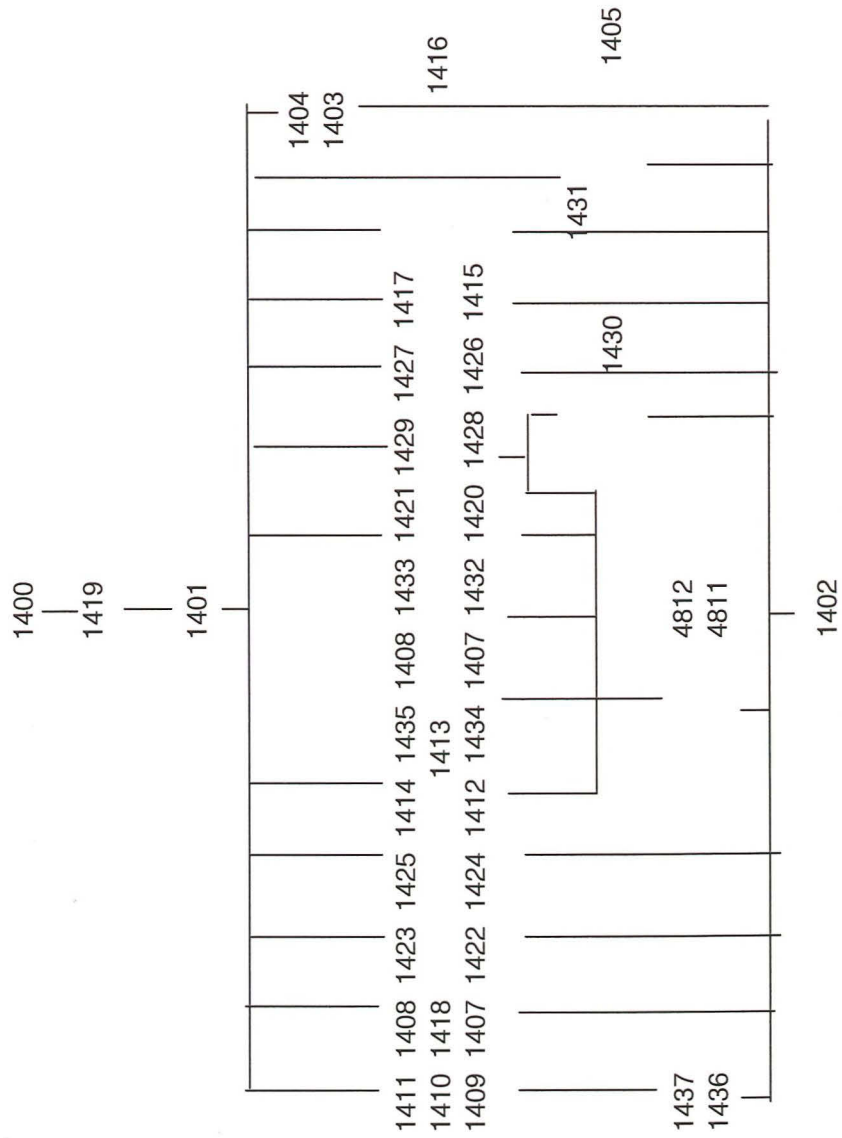


# Area C

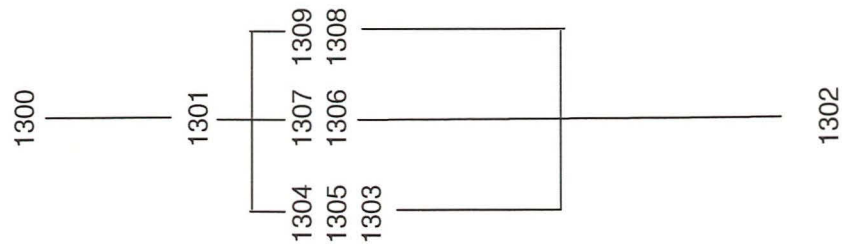
## Trench 15



## Trench 14



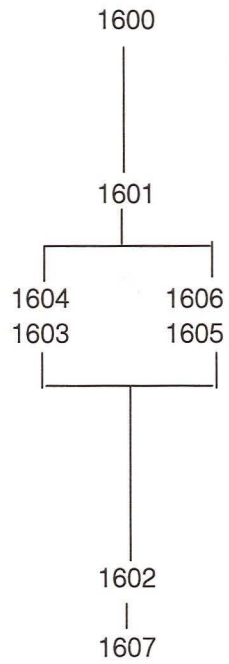
## Trench 13





Areas D and E

Trench 16



Trench 17

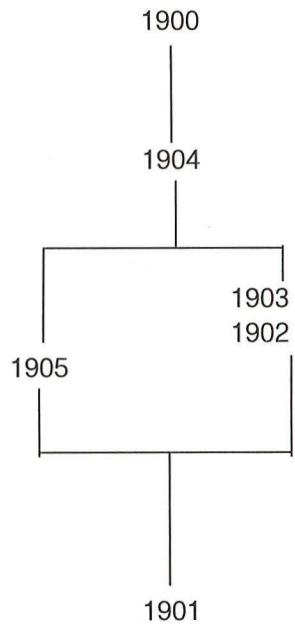


Trench 18



# Area F

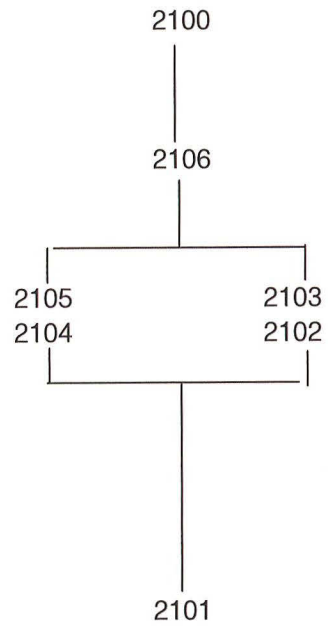
## Trench 19



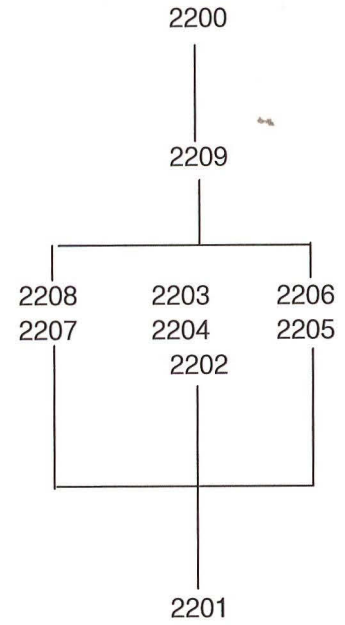
## Trench 20



## Trench 21



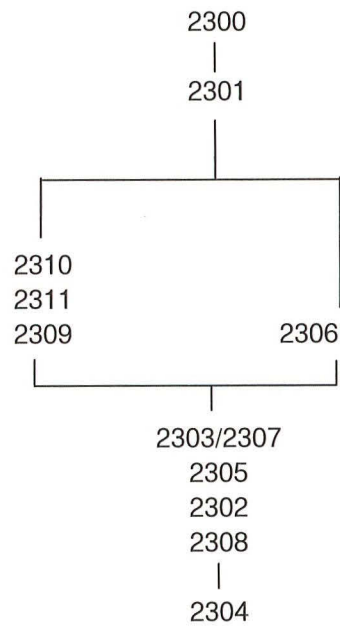
## Trench 22





## Areas G and H

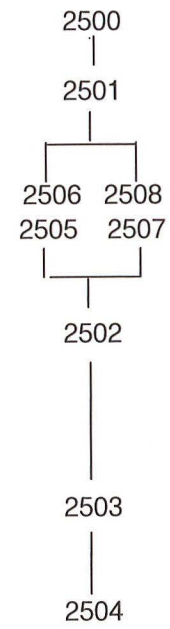
Trench 23



Trench 24



Trench 25

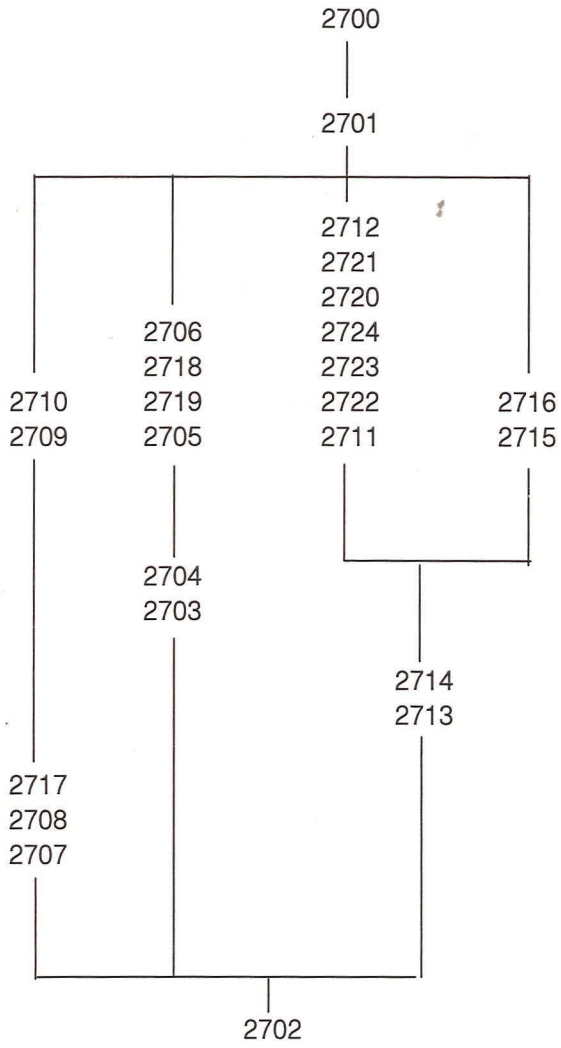


Trench 26

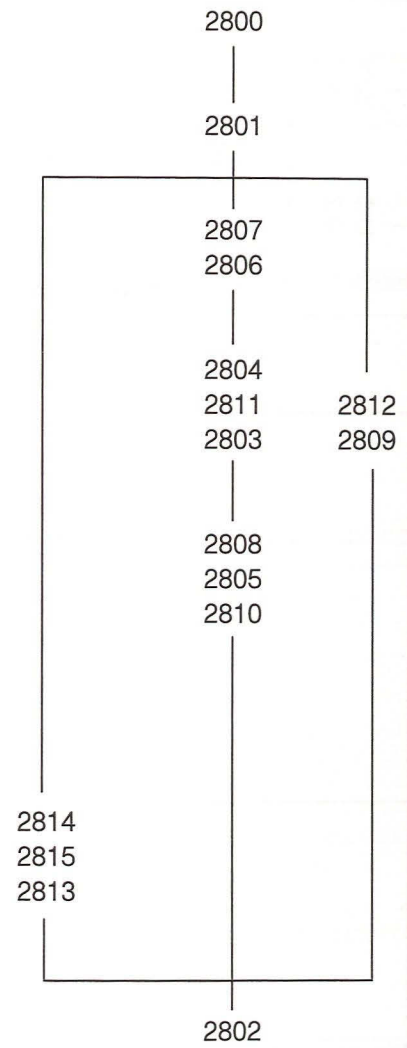


Area I

Trench 27



Trench 28

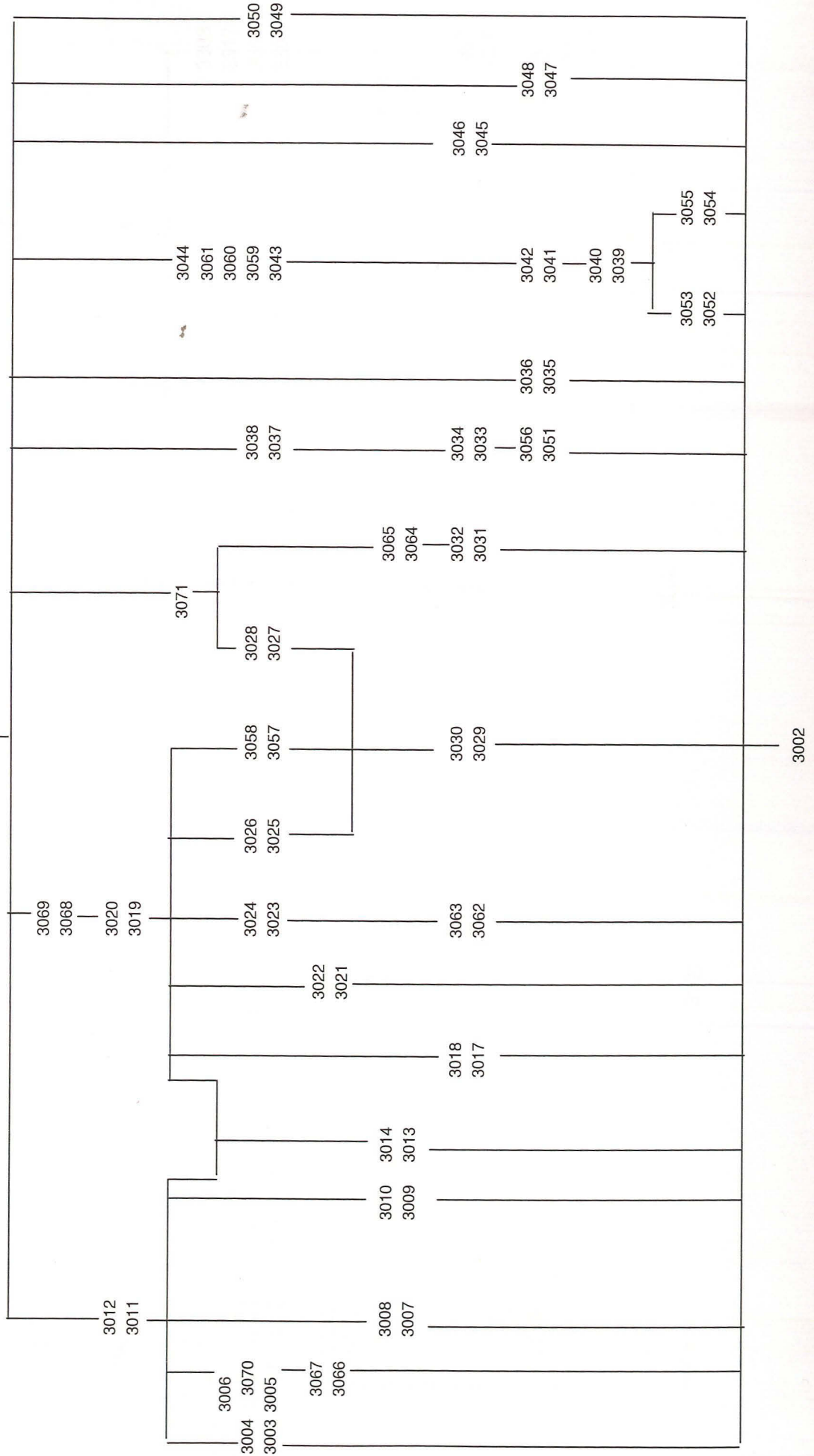




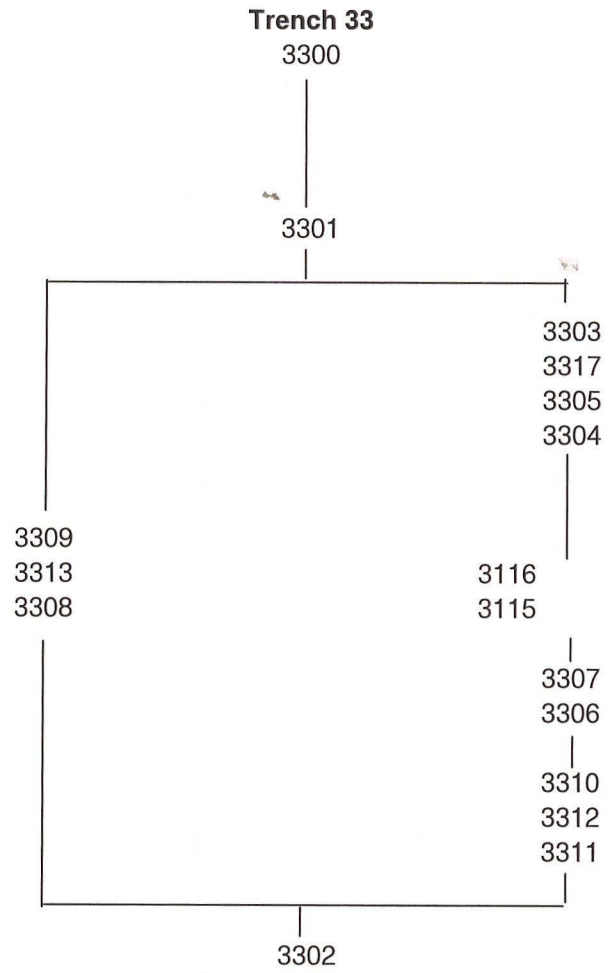
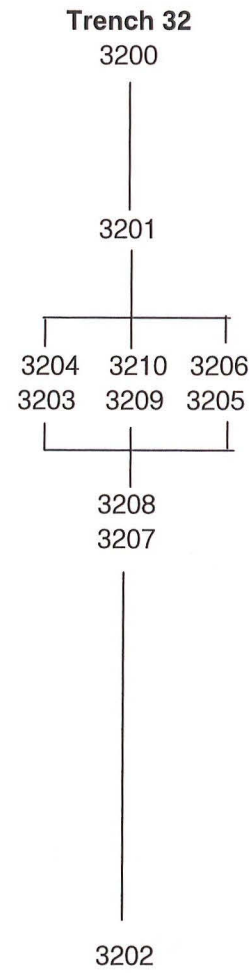
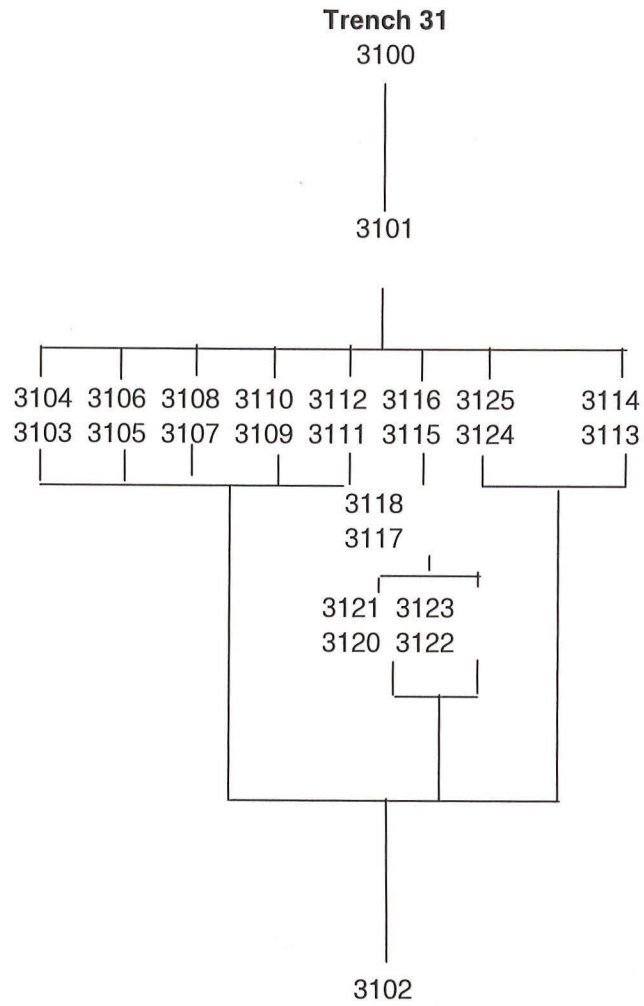
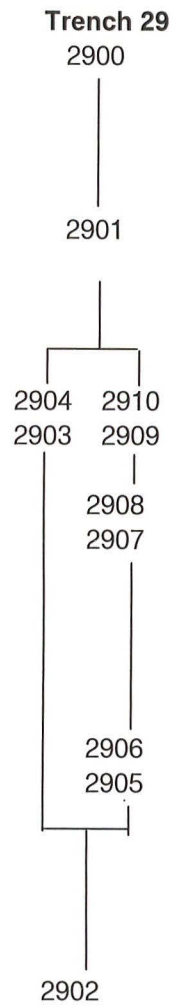
Area J

Trench 30.

- 3000
- 3016
- 3015
- 3001



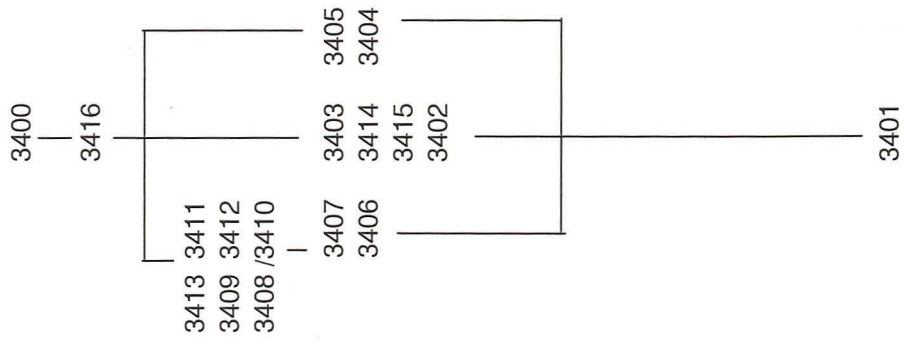
### Area J



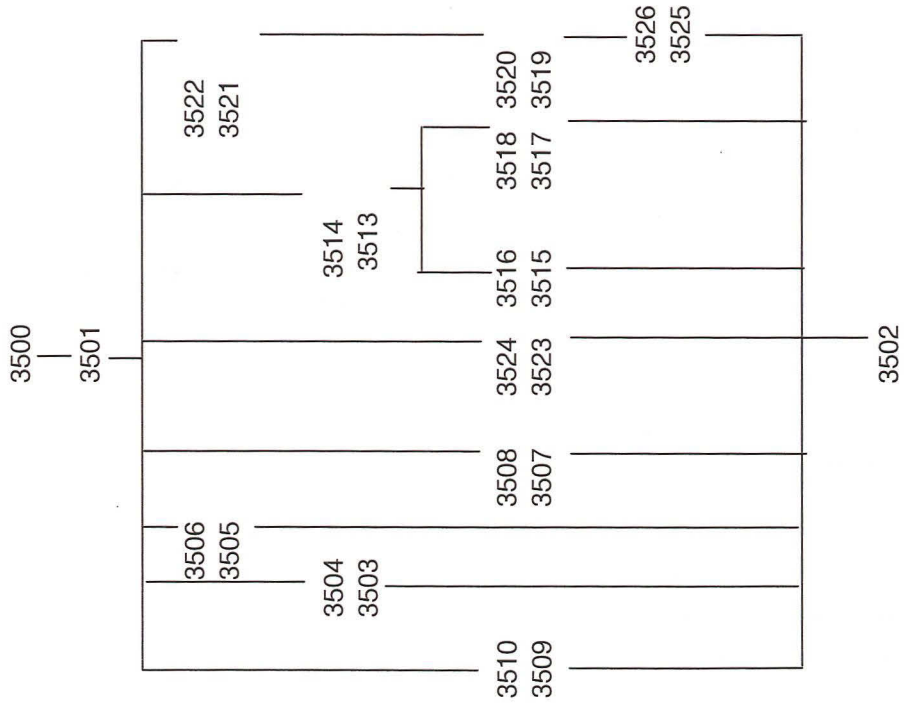


Area J

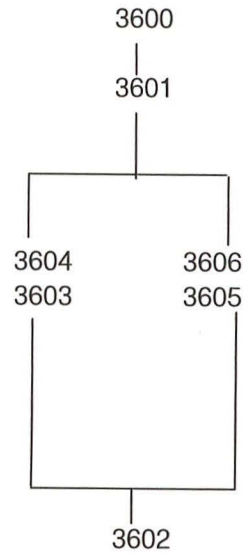
Trench 34



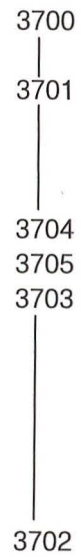
Trench 35



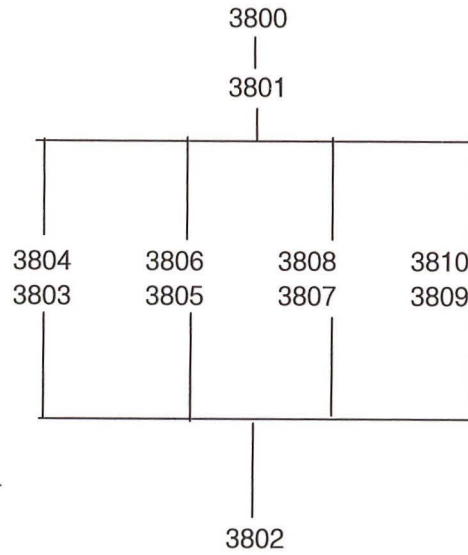
**Trench 36**



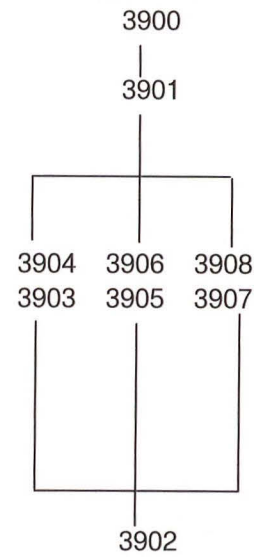
**Trench 37**



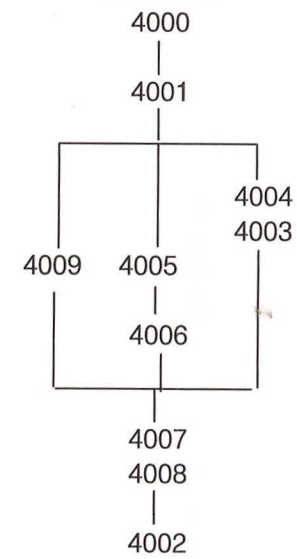
**Area K  
Trench 38**



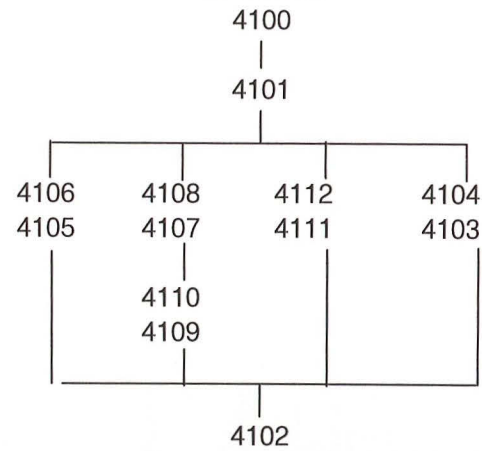
**Trench 39**



**Trench 40**



**Trench 41**





Area L

Trench 42

4200



4201



4202

Trench 43

4300



4301



4302

Trench 44

4400



4403

4403



4401



4402

Area C Additional Trenches

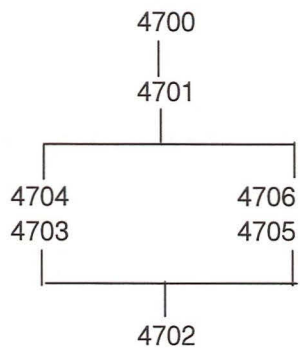
Trench 45



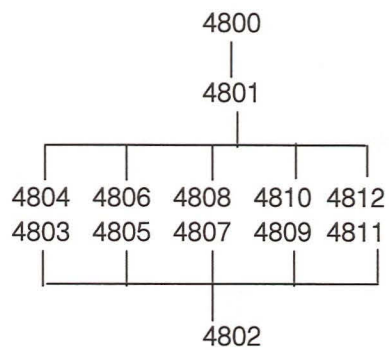
Trench 46



Trench 47



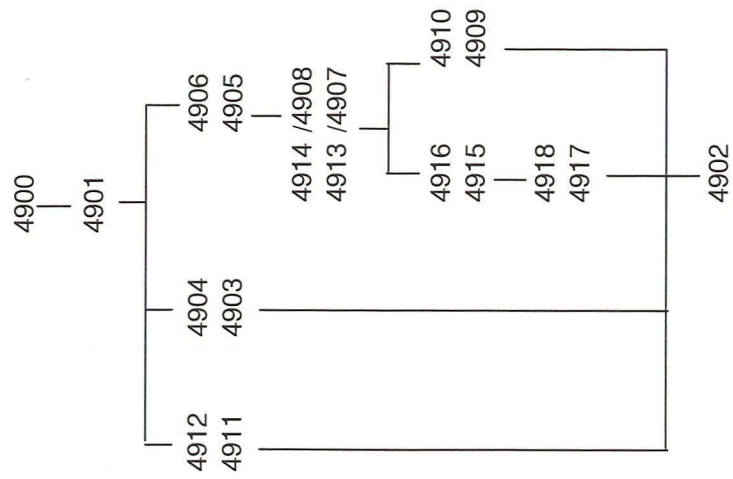
Trench 48



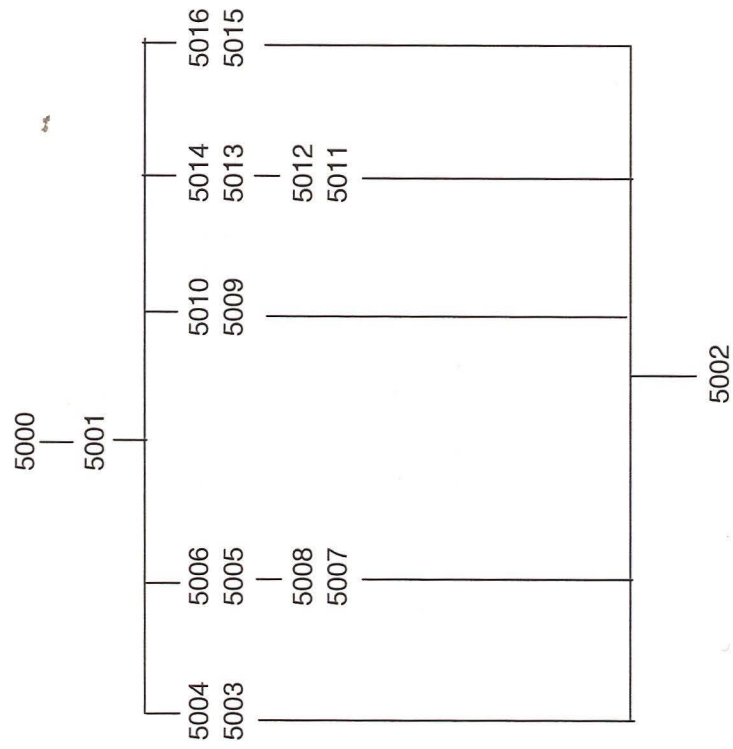


Area M

Trench 49

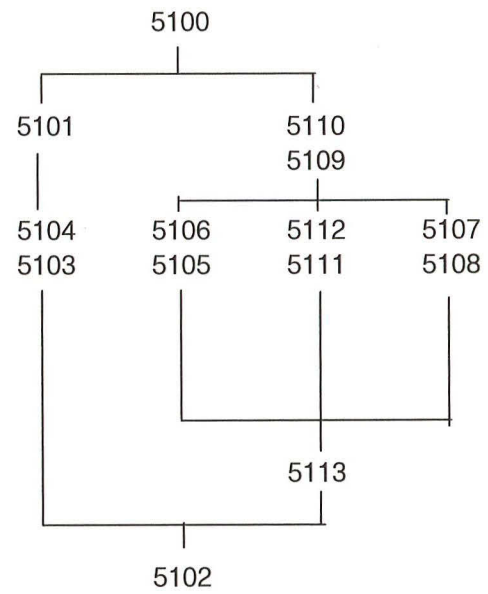


Trench 50



Area M

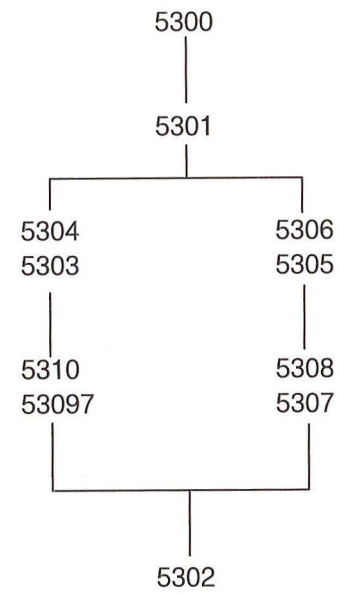
Trench 51



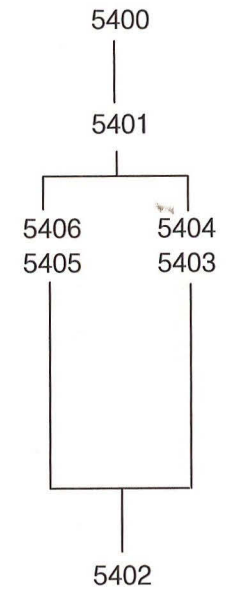
Trench 52



Trench 53



Trench 54



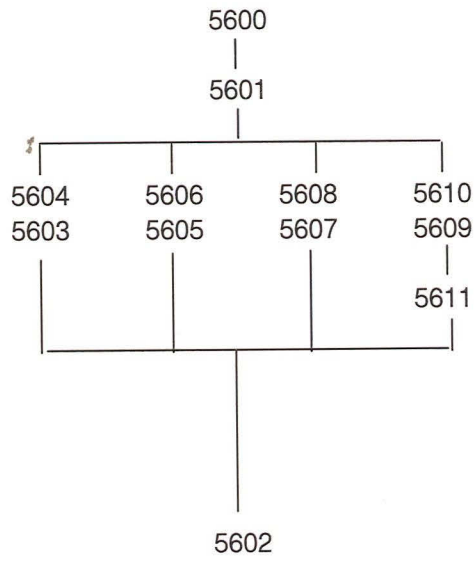


Area M

Trench 55



Trench 56



Trench 57

