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**A1  
DISHFORTH TO NORTH OF LEEMING  
IMPROVEMENTS**

**Archaeological Fieldwalking**

**AREA A**

# A1 DISHFORTH TO NORTH OF LEEMING IMPROVEMENTS

## Archaeological Fieldwalking

### AREA A

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# A1 DISHFORTH TO NORTH OF LEEMING IMPROVEMENTS

## Archaeological Fieldwalking

### ~~Final~~ Interim Report

## 1. Area A

### Introduction

The section of the improvement scheme referred to as Area A, is in fact composed of five separate areas: Area A1, A2, A3, A4, and A5 (Fig. 1). Each individual area was fieldwalked using the 10m interval line method, the results of which are displayed and discussed within this report. Due to the results of this initial evaluation Area A4 was intensively fieldwalked (Appendix 1).

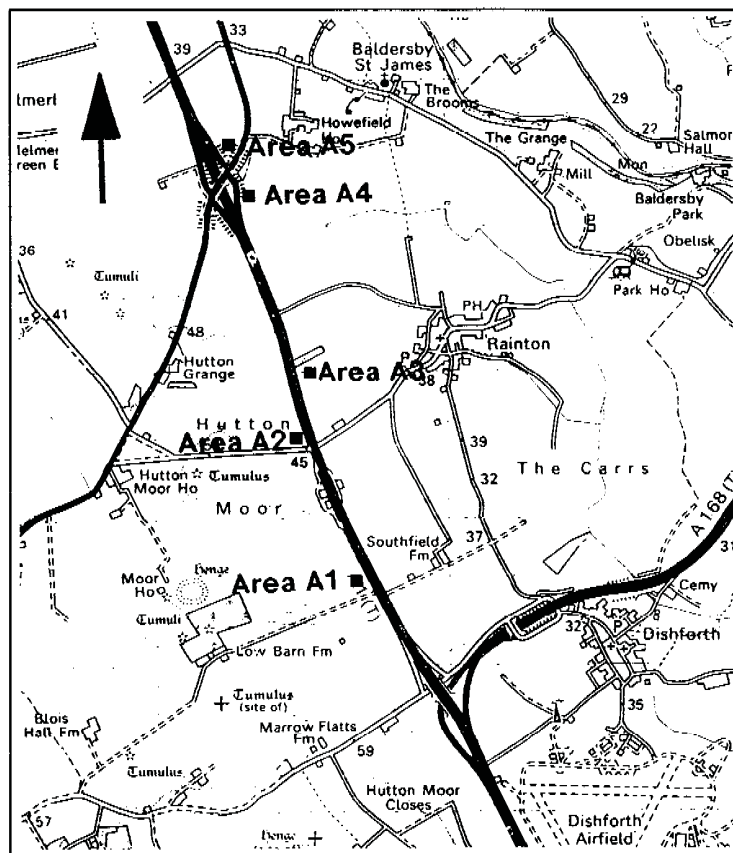


Figure 1. Site Locations. Scale 1:50000

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## 2. Area A1

Area A1 is situated west of the A1 road (Fig. 1), NGR SE 364 736 (centre), and is situated on a solid geology of Permian and Triassic Sandstone with a drift geology of glacial sands and gravel with overlying soils of Argillic brown earths (Escrick 2 Association).

Previous history of the site suggests that the southern portion of the area was bisected by the 'Old Road from Ripon to Rainton', although no traces of this feature exist visibly, it would appear to have been superseded by new routes in c. 1815 (Dennison 1993).

Area A1 measured 340m north-south by 100m east-west, giving an area of 3.4ha to be initially fieldwalked.

The area was line walked at 10m intervals between the walkers. The longest axis was in a north-south direction and parallel to the A1 road. The origin of the grid was formed by the 100m long southern edge, and line segments were numbered from 1-34 from south-north. Lines A, B, E, F, I and J were walked from south to north; the remainder of the lines were walked north to south (Fig. 2).

Area A1 was walked over two days with extremes of weather conditions. Initially the ground conditions were dry with even light; without shadow; the fieldwalking was completed on a dull very overcast day with sporadic showers of heavy rain.

The field had been freshly drilled, which provided an even, level surface. No traces of subsoil were recorded.

## Results

A total of 14 artefacts were observed from the initial fieldwalking of Area A1 (Fig. 3: Table 1):

**Struck flint flakes:** a total of 5 struck flint flakes were noted, occurring in line segments A4, A15, C4, F9 and H13. These flakes were patinated from grey to dark grey. None showed signs of secondary working. Artefacts of the mottled/opaque type have a widespread distribution within the north of England; the nearest source of this type of flint is the Yorkshire Wolds.

**Pottery:** a total of 4 sherds were observed, comprising a single post-medieval sherd from line segment G29, and 3 modern white-glazed sherds from line segments E27, I8 and I19.

**Brick and tile:** a total of 4 modern brick/tile fragments were noted, as single fragments occurring in line segments E20, E27, J3 and J17.

**Glass:** a single piece of glass was observed, in line segment E31. This glass fragment was part of a modern moulded bottle with embossed lettering of modern date.

## Conclusions

The only finds suggestive of ancient activity in the area were the 5 struck flint flakes. It may be significant that the flint flakes were located in the southern and western parts of the area, for this is the sector closest to the suspected prehistoric site south-west of Great Raygill Dike, c.100m south-west of Area A1. However, it should be said that 5 flakes represent only a thin scatter.

The modern pottery, glass and brick/tile presumably represent artefacts deposited during recent manuring associated with the modern arable cultivation of the area.

## Recommendations

In view of the occurrence of flint flakes in that part of Area A1 nearest to the suspected prehistoric activity south west of Great Raygill Dike, it is suggested that intensive fieldwalking of the southern 2 hectares of Area A1 would either demonstrate or discount prehistoric activity overlapping into this area.

### 3. Area A2

Area A2 is situated west of the A1, and to the north of Shambles Lane (Fig. 1), NGR SE 359 746 (centre). The area is situated on a solid geology of Permian and Triassic Sandstone with a drift geology of glacial sands and gravel with overlying soils of Argillic brown earths (Escrick 2 Association).

Aerial photographic evidence for Area A2 suggests that a possible group of enclosures of unknown date are situated in the central to western portion of the area (Dennison 1993).

The area was trapezoidal in shape, measuring 70m north-south at its widest point by 290m east-west, giving an area of 2.03ha to be initially fieldwalked.

The area was line walked at 10m intervals between the walkers. The longest axis was in a N-S direction and parallel to the A1 road. The origin of the grid was formed by a 240m long section located to the west of the north-south hedge boundary (Fig. 4). Line segments were numbered from -7 to 0 and 1 to 12 from S-N. Lines A, B, E, F, I, J, K, L, O, P, S and T were walked from south to north; the remainder of the lines were walked north to south (Fig. 4).

The field had been harrowed, which provided a relatively level surface. Traces of subsoil were noted on lines K4, 5, and 8.

Ground conditions were dry. The light conditions varied from even light, without shadow to heavily shadowed through sporadic cloud cover.

### Results

A total of 60 artefacts were observed from the initial fieldwalking of Area A2 (Figs. 5 & 6: Table 2):

**Flint:** a total of 6 pieces of flint were observed; 4 of which were single flakes (line segments E5, F5, O-3 and O2). In the south of the site (line segments S-5 and P-4) 2 flint tools were observed; both were scrapers, an end and a side form. All of the pieces were of opaque blue-grey flint. Artefacts of the mottled/opaque type have a widespread distribution within the north of England, the nearest source for this type of flint is the Yorkshire Wolds. The ratio of flakes to tools is 2:1, a pattern which is mirrored in other areas within the fieldwalking programme (p. 11 - Area A4i).

**Pottery:** a total of 33 pottery sherds were observed, comprising of 2 Roman sherds (line segments B10 and U-2); 3 medieval sherds were located on line segments P-3 and P-4. Post medieval wares totalled 5 sherds and occurred on line segments D8, F7, F8, O-2 and P-1. Modern pottery comprised of 22 sherds from line segments D2, D5 - 2 sherds, D8 - 2 sherds and D9 - 2 sherds; E3, E4 - 2 sherds, and E9; H1, H3, and H7; J5; N1 and N2; O-2; U-1 and U-2; W-2 and W-4. In addition a single unidentifiable pottery sherd was located in line segment B10.

**Brick and tile:** a total of 10 fragments of brick and tile were located in line segments A10; C6 and 8; I1, 4, and 6; O-3; S-1, S-4 and -S6. All the material appeared to be of a modern date.

**Glass:** a total of 10 glass sherds were observed in line segments A7; B5, 7 and 8 - 3 frags.; D4; F4 and 6; and H4. All were of modern date.

**Clay pipe:** a single clay pipe stem fragment was located in line segment D9.

In addition to the material observed and recorded during the fieldwalking, a soil mark was noted which appears to represent a linear feature aligned approximately north to south. Reference to maps of the area suggest that the soil mark defines the position where a hedgerow has been removed.

### Conclusions

Apart from the occurrence of two flint tools in the west of the site, and the apparently randomly spaced flint flakes, prehistoric activity on this site appears to be minimal. The majority of the finds pertain to the post medieval and modern periods.



**Recommendations**

Due to the negative nature of the results of the initial fieldwalking of this area, no further work is required.

#### 4. Area A3

Area A3 is situated east of the A1 (Fig. 1), NGR SE 361 750 (centre). The area is situated on a solid geology of Permian and Triassic Sandstone with a drift geology of glacial sands and gravel with overlying soils of Argillic brown earths (Escrick 2 Association).

There is no previous archaeological/historical evidence for this area from aerial photographic data, although the cropmarks of a pit alignment are known to exist to the west of the area.

The area measured 110m N-S x 80m E-W, giving an area of 0.88ha to be initially fieldwalked.

The longest axis was in a N-S direction and parallel to the A1 road. The origin of the grid was formed by a 110m long length of the hedge boundary to the east of the A1. Line segments were numbered from 1 to 13 from S-N. Lines A, B, E, F, I and J were walked from north to south; the remainder of the lines were walked south to north (Fig. 4).

The field had been freshly harrowed with the occasional remnants of the previous root crop, which provided a relatively even surface, except for a strip of approximately 10m around the west and north portions of the area which were rough ploughed. Traces of subsoil were recorded in Lines A3, 4, & 11, B4 & 5, and C6 & 7.

Ground conditions in A3 were fairly dry. Light conditions were predominantly of even light, although periodic shadow was experienced.

#### Results

A total of 28 artefacts, 2 fragments of animal bone, and 2 pieces of coal were observed from the initial fieldwalking of Area A3 (Fig. 5 & 6: Table 3):

**Struck flint flakes:** only one flake was recorded in Line F2; the flake, blue/grey in colour, showed no signs of secondary working.

**Pottery:** a total of 14 sherds were observed, including 8 Roman sherds of predominantly black burnished ware with a small percentage of Grey ware (Lines B7, 8 - 3 sherds and 10; D5; F1, and H5); 1 medieval sherd, badly abraded (Line C2); 2 post medieval sherds (Lines C8 & E5) and 3 modern sherds (Lines B1 & 3; F4). On Line B8 3 sherds of black burnished ware were found in close proximity; it seems likely that these 3 sherds once represented a single sherd now damaged by ploughing.

Even though the Roman material appears to dominate the pottery assemblage in this area, the sherds were small and those located on Line B may originally have been one or more larger pieces which have been plough damaged.

**Brick and tile:** a total of 9 modern brick/tile fragments were noted, as single fragments occurring in each line segment A6, A8, C2, E3, E8, F1, G1 & 10, and I2.

**Glass:** a total of 2 sherds of glass was observed, in line segments C3 and D2. Both were modern in date.

**Coal:** a total of 2 pieces of coal were observed - line segments C2 and E8.

**Clay pipe:** only 2 fragments were observed, both representing broken stems from line segments F1 and G4.

**Animal bone:** 2 fragments were observed, a long bone fragment and a toe bone - line segments A10 and I2 respectively.

#### Conclusions

Prehistoric activity in this area appears to be minimal, only 1 flake was observed; even scatters of natural flint, which occur fairly regularly on other parts of Area A, are absent. Roman presence is attested by 9 sherds, 50% of which are located in the western portion of the site, but their small number suggests only a background scatter, which is not surprising when one considers the close proximity of this area to Dere Street. Medieval presence is limited to a single sherd and post medieval wares were only represented by 3 sherds.

The modern pottery, glass and brick/tile presumably represent artefacts deposited during recent manuring associated with the modern arable cultivation of the area.

### **Recommendations**

Area A3 produced a poor artefactual assemblage and considering the absence of crop mark features in this area and the fact that the Roman material found can be explained by the association of Dere Street to the site no further fieldwalking of the site is recommended.

## 5. Area A4

Area A4 is situated east of the A1 and to the south of the A61 (Fig. 1), NGR SE 357 761 (centre). Area 4 comprised of two fields. The area is situated on a solid geology of Permian and Triassic Sandstone with a drift geology of glacial sands and gravel with overlying soils of Argillic brown earths (Escrick 2 Association).

The most southerly of the two had been drilled (A4i), which provided an even, level surface; whereas the northern portion was sub-divided into a rough ploughed area and a drilled area (A4ii). The drilled portions provided good even surfaces for walking but the ploughed section was most uneven.

Area A4 in total was trapezoidal in shape, measuring approximately 590m N-S at its longest point x 120m E-W, giving an area of 7.08ha to be initially fieldwalked.

The longest axis in A4(i) was parallel to the A1. The origin of the grid was formed by a 200m length of hedge boundary running from the south-western corner of the field. Line segments were numbered from 1-41 from S-N. Lines A, B, E, F, I, J, K, L, M, N, and O were walked from south to north; the remainder of the lines were walked north to south (Fig. 7).

Ground conditions reflected the agricultural methods employed, the drilled portion of the area in the south (Area A4i) was relatively dry. Light conditions for walking this section were generally poor due to the outbreaks of heavy rain showers. The ploughed portion of Area A4ii was damp but light conditions improved providing weak sunshine with uneven shadow; the drilled section of A4ii was in places quite wet and slippery, light conditions were of weak sunshine with uneven shadow.

### Results - Area A4(i)

A total of 56 artefacts were observed during the initial fieldwalking of Area A4 (i) (Figs. 8 & 9), which are as follows:

**Struck flint flakes:** a total of 23 struck flints were noted, occurring in line segments C6 - 2 flakes, C20 - 2 flakes, C21 - 2 flakes, C28; E11, E12, E25, E32, E36; F34; G11, G26; I7, I8, I13, I15; and K20, K23, K24 and K30. The flakes were predominantly of blue/grey patination; only 2 flakes showed evidence of retouch (line segments E11 and F34). A single scraper was located in line segment C23. Just to the east of this artefact a single light grey bladelet was also observed but was off line and so it is not recorded in the catalogue. The high density of worked flint in this area suggests that further evaluation (eg. intensive fieldwalking) would be beneficial (Appendix 1).

**Pottery:** a total of 16 sherds were observed, including 4 Roman sherds widely dispersed over the site (line segments B12, D25, F18 and L31); 2 sherds of medieval pottery were located in A18 and D25. The majority of the pottery comes from the post medieval (6 sherds) and modern (4 sherds) periods (line segments C17, F32, H25 - 2 sherds, I10, K20, and E7, E23, G38, J29 respectively).

**Brick and tile:** a total of 12 fragments of brick and tile were observed in line segments C25, D25, E5, E6, E36, F20, F36, H23, H36, J25, L27 and L28. All the material dates to the modern period.

**Glass:** only 4 sherds of glass were observed in line segments B16, E24, F17, and F35.

In addition to the above a single piece of coal was observed in line segment C6 (Fig. 8: Table 4):

### Conclusions

Artefact distribution in Area A4(i) is relatively widely spaced suggesting a background scatter for the pottery, glass and brick/tile. The occurrence of struck flint flakes and examples which show more specialised use i.e. the scraper and bladelet combined with the high percentage of flint on the site in comparison to other portions of Area A and also C3 (Stephens pers comm.) suggest that a degree of as yet undetermined pre-historic activity occurred in the vicinity of Area A4 (i).

The modern pottery, glass and brick/tile presumably represent artefacts deposited during recent manuring associated with the modern arable cultivation of the area.

## Recommendations

Due to the relatively high percentage of struck flint located in Area A4(i) it is suggested that c. 2ha of the site is intensively fieldwalked between 60m and 260m. (These recommendations were accepted and the whole of Area A4i was intensively fieldwalked, the results of which are discussed below.)

## Area A4(i) Intensive Fieldwalking

### Results

A total of 168 artefacts (excluding brick and tile) were collected during the intensive fieldwalking of Area A4 (Figs. 10-15), which are as follows;

**Flint:** a total of 40 pieces of worked flint were collected. This assemblage consisted of 16 flakes, 22 tools and 2 cores. In addition to this, a number of natural pieces of flint were collected to provide a comparison of types of raw materials occurring at the site.

**Tools:** a varied collection of implements were represented by blades (3), bladelets (6), knives (4), and scrapers (9) of horseshoe, end, end and side, and side type.

**Flakes:** a number of the flakes recovered appeared not to be purely of waste material, but uncompleted tools, i.e. material located in E9, E17, H9, G30 and M31. Particular reference should be made to M31, the horseshoe scraper with no edge retouch, and in E17 a high quality piece of flint which appears to be an unfinished implement which due to its size and preliminary working may have been intended to be a knife (?plano-convex).

**Cores:** two cores were located in squares B3 and H10.

**Patterns of Distribution:** the distribution of flint tools and waste materials appears to form two direct clusters in the south and the north of the site (Fig. 14), with a small cluster around squares A-C 22-23 (this cluster was noted in the interim report for Area Ai). Of the southern group there is almost an equal number of tools to waste material (10:12) i.e. a ratio of 1:1. In the northern group tools are slightly more common than waste (8:6) i.e. a ratio of 6:4.

The southern group is widely spaced forming roughly parallel bands to the east and west of squares F4 - 18 which are totally devoid of flint.

The northern group is 50% smaller in size to the south and is predominantly distributed along squares H - G 31 - 37, with a single outlying cluster to the west in D31-2 and to the east in J29, M31 and 32.

These distribution patterns are not reflected in the distribution of the medieval through to modern artefacts. This suggests that the flint distribution is not a result of recovery techniques influenced by light and soil conditions.

**Pottery:** a total of 99 sherds were collected, including 9 sherds of medieval ware from squares A23, E19, F9, F28, G36, H17, H33, J27 and K9. The majority of the pottery comes from the post medieval and modern periods (31 and 59 sherds respectively).

**Brick and tile:** a total weight of over 4.5kg of brick and tile was collected from the site, all of which dates to the modern period.

**Glass:** 14 sherds of glass were collected, all of which were modern date and exclusively of bottle glass.

**Claypipe:** a total of 9 fragments of claypipes were recovered: 6 stem fragments and 3 bowl, one of which was decorated with a foliage pattern (C30). This assemblage can be dated by form and type to the 17th to 19th centuries.

**Animal Bone:** 15 fragments of animal bone were collected which were predominantly of modern date and of rabbit; except for a single fragment of calcined bone from E14 which may be of earlier date.

**Metal artefacts:** a total of 6 metal objects, 5 of iron and 1 of copper alloy, were collected; all were of modern date.

**Other Finds:** In addition to the above, 2 slate fragments were recovered from A23 and K22. Oyster shell fragments were located in squares C5, D7, D27, and G31 (Fig. 15: Table 6). It is interesting to note that this is the only area in the fieldwalking evaluation programme which has produced a collection of marine mollusc shells. Equally, of the 4 fragments recovered 3 were located from where flint artefacts also occur (i.e. C5, D7 of the southern group) and G31 of the northern grouping.

## **Conclusions**

The artefact distribution in Area A4 of pottery, glass, brick and tile suggests a background scatter which presumably represents artefacts deposited during recent manuring associated with the modern arable cultivation of the area.

The initial fieldwalking of Area A4(i) had showed the presence of struck flint flakes, along with tools, i.e. the scraper and bladelet. This combined with a high percentage of flint in Area A4(i) argued for more detailed assessment. The intensive fieldwalking provided a more accurate account of the distribution of flint tools and waste products and also allowed a more accurate catalogue of the material to be produced. It is clear that there are two distinct groupings of flint artefacts which are referred to in the results as the southern and northern groups. Their spatial occurrence is not reflected in the distribution of other artefact collections at the site which appear to be of a more random nature.

In addition to material discarded at knapping sites, flint tools enter the archaeological record through being discarded or lost at the places where they were used. Two broad categories of use may be conjectured: use during the processing of raw materials (animal and plant products) and manufacture of equipment, and use during the procurement of resources. Examples of the former kind are scrapers and butchery knives, while arrowheads and sickle blades may be said to fall into the second category. Processing, manufacturing and maintenance often take place at settlements, while the procurement takes place elsewhere (Smith forthcoming). The assemblage from Area A4 includes examples of both categories but its small size hampers interpretation.

## **Recommendations**

Due to the relatively high percentage of worked flint located in Area A4 it is suggested that the fieldwalking programme is supported by a geophysical survey in the first instance.

## **Results – Area A4(ii)**

A total of 36 artefacts were observed during the initial fieldwalking of Area A4(ii) (Figs. 8 & 9), which are as follows:

**Struck flint flakes:** a total of 10 struck flints were noted, occurring in line segments H-2, H8, J16, L-2, L12, L18, L22, L24, and M10 – 2 flakes. The flints were predominantly of blue/grey patination and none showed evidence of secondary retouch. The assemblage is widely distributed with no apparent clusters although considering the more extensive flint assemblage from the adjoining area (Area A4i), this group cannot now be regarded in isolation. Further evaluation of Area A4 should be most enlightening in determining the presence/extent of prehistoric activity.

**Pottery:** a total of 5 sherds were observed, comprising of a single Roman sherd from line segment K-4; 3 sherds of post medieval ware in L19, M15, D-1; and 1 sherd of modern from line segment J19.

**Brick and tile:** a total of 16 fragments of brick and tile were observed in line segments B3, B4, C1, D7, E10, H-4, H4, I6, L-1, L2, L24 (2 frags.), M7, M17, M23 and M24. All the material dates to the modern period.

**Glass:** a total of 5 sherds of glass were observed in line segments E10, H14, I17 (2 sherds), J18 .

### **Conclusions**

Artefact distribution in Area A4(ii) is relatively widely spaced suggesting a background scatter of no particular archaeological significance for the pottery, glass and brick/tile. The flint assemblage may be significant due to the distribution of material in Area A4(i).

### **Recommendations**

Based on the poor results of the initial fieldwalking of this area, it was felt that no further fieldwalking was required. In view of the results of the intensive fieldwalking of the immediately adjacent area, Area A4(i), i.e. the proximity of the northern flint group, it is suggested that limited geophysical survey be carried out within Area A4(ii).

## 6. Area A5

Area A5 is situated immediately north-east of the A1/A61 intersection (Fig. 1) at NGR SE: 355766 (centre). The area is situated on a solid geology of Permian and Triassic Sandstone with a drift geology of glacial sands and gravel with overlying soils of Argillic brown earths (Escrick 2 Association).

The area was irregular in form and 5ha. in extent. The maximum length N-S was c.385m (line D) and the maximum width E-W was 200m

The origin of the grid was formed by the E-W hedge boundary at the north of the site, due to the irregular southern and eastern boundaries of the area. Line segments were numbered from 1 to a maximum of 39 southwards from this hedge boundary (Fig. 16). The eastern lines S, T and U were walked southwards from a point 150m south of the grid origin because of the irregular eastern boundary of the area, which cut obliquely across the grid.

Lines A, B, C, G, H, I, M, N, O, S, T, and U were walked from north to south at 10m intervals; the remainder of the lines were walked from south to north at the same interval.

The field had been freshly drilled, except for a c.20m wide zone along the northern, western and southern boundaries of the site, which presented an uneven ploughed surface.

The ground conditions were dry at the time of walking and there was even light without shadow.

### Results

A total of 13 artefacts were recorded (Fig. 17):

**Pottery:** a total of 9 sherds were identified of which 2 were Romano-British from line segments B34 and H6; 1 medieval from Q5, 4 sherds of post medieval were recorded, 1 in each line segment H1, H2, K7 and Q21. A single modern sherd was observed in line segment R2. In addition a single unidentified sherd was situated in line segment H1.

**Struck flint flakes:** a total of 2 unworked waste flakes were noted, 2 from line segment I15 (1 patinated grey, the other dark grey).

**Iron:** a (modern?) iron nail was noted in line segment Q11.

**Glass:** a sherd of modern bottle glass was noted in line segment N31.

In addition during the fieldwalking a large sub circular soil mark was observed to the east of line segment S. This feature may represent a former dew pond.

### Conclusions

The artefact distribution in Area A5 represents a thin scatter not suggestive of any ancient or significant activity in the immediate vicinity.

### Recommendations

The results of the initial fieldwalking of the area would not in themselves call for further work in Area A5.



## 7. Spatial Analysis

At the time that this report was produced comparative material for fieldwalking projects in North Yorkshire was limited. Reports on the large scale evaluations of the Easingwold Bypass are still not available for general consultation nor are other sections of the A1 improvement scheme. Therefore this section is based solely on the results from the sections of the A1 improvement Dishforth to Leeming and Walshford to Dishforth (Fig. 18). Below are the spatial results for Areas A, B, D, and E which were line walked, after which is a short discussion of the intensive results from Area A4(i) and Area C compared to the results of intensive fieldwalking along the Walshford to Dishforth corridor. The analysis for Area A has concentrated on flint, Roman and medieval pottery.

The spatial results for the flint, Roman and medieval pottery assemblages from the initial/rapid fieldwalking from Areas A, B, D and E (pp. 18, 20 and 21) are followed by comparative data from a fieldwalking programme carried out along the A1 motorway extension from Walshford to Dishforth (Fig. 5: data kindly supplied by the Archaeology Section: North Yorkshire County Council and Northern Archaeological Associates: pp. 19, 20 and 24).

All areas with the exception of Area D are situated on solid geology of Permian and Triassic Sandstone with a Drift geology of Glacial Sands and Gravel; the soil in Areas A, B, and C was of the Escrick 2 Association; with soil of Wick 1 Association in Area E. Area D drift geology is Boulder Clay and Morainic Drift with soil of the Salop Association.

For the comparative material Fields 7, 74, 76 and 115 are soil of the Bishampton 1 Association over Till and Glacio-fluvial drift. Fields 84, 85, 86, 89, 90, 91, 92, 93, 94, 95, and 96 are soils of the Escrick 2 Association over Glacio-fluvial drift. Field 78 (southern part) has soils of the Fladbury 3 Association over river alluvium; soil of the Escrick 2 Association extends to the north. Fields 87 and 88 are soils of the Wick 1 Association.

### Initial/Rapid Fieldwalking

#### Flint Assemblage

The density of flint artefacts per hectare varied greatly within areas evaluated in the Dishforth to North of Leeming improvement, as mentioned above the geology is fairly constant and therefore provides a good base for comparison. Of the areas initially fieldwalked, where worked flint occurred (Areas A1-5, and E) density per hectare varies from 0.4 (Area A5) to 6.67 (Area A4i), this variation is also paralleled by area in density per 100m line (0.031 to 0.672). In the areas evaluated in the Walshford to Dishforth improvement of the initial fieldwalking sections (Fields 74, 76, 89, 94-96, 101 and 115) density per hectare varied from 1.192 (Field 115) to 11.761 (Field 89); per 100m line density varied from 0.101 (Field 115) to 1.409 (Field 101). In addition to this data are the results of the fieldwalking by M Griffith and Associates of Fields 85-88, and 90-91. The results have to be treated with care but they are interesting as the densities which vary from 0.229 per ha. (Field 88) to 1.571 (Field 86) can be evaluated by the results of the watching briefs (see below).

Comparison of ratios of flint tools to waste products (i.e. flakes) for both sections of the improvement schemes are relatively similar with wide variations in ratios between individual sites.

The problem with comparing these two sets of data is that the initial fieldwalking methods are dissimilar. Evaluation of the Dishforth to Leeming section was by linewalking at 10m intervals; the rapid fieldwalking of Walshford to Dishforth was at 5m intervals. Equally Fields 7, 89, and 94 were of known AP sites with Field 74 adjacent to a major known site (Devils Arrows). Therefore the evaluation of these fields provided dating evidence for the features rather than actually locating a new site. However, the evaluation of Field 76 did provide information which located an unknown Roman site with earlier prehistoric activity.

Within the evaluation of the Dishforth to Leeming section, of the initial fieldwalking only Area A2 possessed an AP data site, the remainder of the areas where flint occurred, especially Area A4, do not possess such information; therefore the occurrence of flint in such high densities suggests the probable presence of a undiscovered prehistoric site. Equally, Area E, where evaluation was designed to assess medieval activity at the site in the form of artefacts relating to a battlefield, a high density of flint suggests prehistoric activity of an as yet undefined nature.

As mentioned above it is possible to comment on the fieldwalking data based on the results of the watching briefs (information supplied by Northern Archaeological Associates):

**Field 85** (covers fields 84, 85, and 86) a watching brief located no features associated with the flint assemblage.

**Field 87** (part of 86 and 87) a few undated pits were observed in Field 87.

**Field 89** : moderately sized pit concentration which extended into the northern part of **Field 88**, which showed blank on the fieldwalking plots. Finds from the pits included flint and Neolithic pottery.

**Field 90**: topsoil stripping produced a small cluster of pits associated with Neolithic pottery and flint. Fieldwalking had only produced a low density of flint.

**Field 91**: small cluster of pits with Neolithic pottery and flint.

**Field 92**: isolated pits

**Field 93**: low density of flints, but isolated pits and a double row of postholes were located - ?Neolithic boundary.

It would appear from the above information that the occurrence of flint within a pre-defined area may or may not indicate prehistoric activity of more than a transient nature. Where no firm conclusions can be made, further evaluation would appear to be the solution. However, it must be stressed that geophysical survey may not produce conclusive results for features such as small pits, and topsoil stripping and excavation may be required.

### **Roman Pottery**

Considering that all the sites were directly adjacent to the A1, which supposedly follows the route of a major Roman road, the number of roman pottery sherds is very small in total (with the exception of Areas C - a known Roman site and Field 76 which through geophysical survey produced evidence for a hitherto unknown roman site). The highest density for Area A was produced by work in Area A3 (9.091 per ha) but the results are distorted by the fact that all the sherds from one line probably came from a single sherd prior to plough damage.

It is also interesting to note that within Area A where Roman material occurs there is generally a poor prehistoric presence, i.e. Area A3 8 sherds of Roman, 1 flint flake, and vice versa: Area A4i, 24 flints, 4 Roman sherds (this assessment was not substantiated by intensive fieldwalking and therefore calls into question the original conclusion) or Area E, 9 flints, no Roman pottery. The comparative data also mirrors this pattern, for example Field 89, 164 flints, no Roman pottery; Field 101, 42 flint, 1 Roman sherd; Field 94, 35 flint, 4 Roman sherds.

These ratios tend to suggest that activity centres were at variance between the Prehistoric and Roman periods, although such an assumption needs to be further substantiated by other archaeological methods and not based solely on the results of linewalking.

### **Medieval Pottery**

The ratio of medieval sherds per hectare varies from area to area, and comparisons between linewalking and intensive methods would be incorrect as only a fraction of an area is covered by linewalking compared with intensive.

Of the linewalked areas (Areas A, B, D and E), the area with the highest proportion of medieval sherds per hectare is Area A2 (1.478). Along with Areas A1 and A3, Area A2 is believed to have been unenclosed until the early 19th century. Conversely, the two Areas B and D which show evidence of ridge and furrow (and hence were presumably cultivated in medieval times), have relatively low proportions of sherds per hectare (0 and 0.69 respectively). The land immediately to the east of Area E also showed evidence on aerial photographs of ridge and furrow, and this may be reflected in the occurrence of medieval pottery in Area E (1.3 per ha.). Areas A4 and A5 have the lowest proportion of sherds per ha (0.282 and 0 respectively) and were thus probably outside the area of medieval cultivation.

Of the comparative data, even the relatively large quantities of medieval pottery such as were found in Fields 94, 101 and 115 (with ratios of sherds per ha. of 4.937, 5.6, and 20.262 respectively) were explained by the writers (NAA) as representing medieval manuring activity, and the same process presumably accounts for the presence of medieval material in the areas walked as part of the project under discussion.

Total Flint				Flint Waste				Flint Tools			
Linewalking Distribution				Linewalking Distribution				Linewalking Distribution			
Area	No.	Ha.	per Ha. per 100m	Area	No.	Ha.	per Ha. per 100m	Area	No.	Ha.	per Ha. per 100m
A1	5	3.4	1.47	A1	5	3.4	1.47	A1	-	3.4	-
A2	6	2.03	2.96	A2	4	2.03	1.97	A2	2	2.03	0.985
A3	1	0.88	1.14	A3	1	0.88	1.14	A3	-	0.88	-
A4(i)	24	3.6	6.67	A4(i)	23	3.6	6.39	A4(i)	1	3.6	0.27
A4(ii)	10	3.48	2.87	A4(ii)	10	3.48	2.87	A4(ii)	-	3.48	-
A5	2	5	0.4	A5	2	5	0.4	A5	-	5	-
E	9	1.57	5.73	E	6	1.57	3.82	E	3	1.57	1.91
			0.535				0.357				0.179

Comparative Data

Total Flint				Flint Waste				Flint Tools			
Linewalking Distribution				Linewalking Distribution				Linewalking Distribution			
Field	No.	Ha.	per Ha. per 100m	Field	No.	Ha.	per Ha. per 100m	Field	No.	Ha.	per Ha. per 100m
74	9	3.61	2.493	74	5	3.61	1.385	74	4	3.61	1.108
76	10	4.21	2.375	76	-	4.21		76	10	4.21	2.375
84	5	3.24	1.432	84	-	3.24		84	5	3.24	1.432
85*	9	6.93	1.299	85	-	6.93		85	9	6.93	1.299
86*	12	7.64	1.571	86	-	7.64		86	12	7.64	1.571
87*	14	11.2	1.25	87	-	11.2		87	14	11.2	1.25
88*	4	17.48	0.229	88	-	17.48		88	4	17.48	0.229
89	164	14.2	11.761	89	79	14.2	5.563	89	85	14.2	5.986
90*	10	15.84	0.631	90	-	15.84		90	10	15.84	0.631
91*	10	12.92	0.774	91	-	12.92		91	10	12.92	0.774
92	10	16.56	0.604	92	-	16.56		92	10	16.56	0.604
94	35	5.266	6.646	94	11	5.266	2.089	94	24	5.266	4.558
95	13	5.894	2.206	95	8	5.894	1.357	95	5	5.894	0.848
96	5	6.031	0.829	96	5	6.031	0.829	96	-	6.031	
101	42	5	8.40	101	31	5	6.2	101	42	5	8.40
115	1	0.839	1.192	115	1	0.839	1.192	115	-	0.839	

\* The line and hectare figures for these fields are approximate.

**Roman pottery**

**Linewalking Distribution**

Area	No. of sherds	Ha.	per ha.	per 100m
A1	-	3.4		
A2	2	2.03	0.985	0.135
A3	8	0.88	9.091	0.808
A4(i)	4	3.6	1.111	0.112
A4(ii)	-	3.48		
A5	2	5.0	0.400	0.032

**Comparative Data**

**Roman Pottery**

**Linewalking Distribution**

Field	No.	Ha.	per Ha.	per 100m
74	-	3.61		
76	-	4.21		
89	-	14.2		
94	4	5.266	0.759	0.084
95	-	5.894		
96	1	6.031	0.166	0.016
101	1	5	0.2	0.034
115	2	0.839	2.384	0.202

Medieval pottery

Linewalking Distribution					
Area	No.	Ha.	per ha.	per 100m	
A1	-	3.4			
A2	3	2.03	1.478	0.203	
A3	1	0.88	1.136	0.084	
A4(i)	2	3.6	0.556	0.056	
A4(ii)	-	3.48			
A5	1	5	0.20	0.032	
B	-	1.59			
D	3	4.34	0.69	0.063	
E	2	1.54	1.3	0.093	

Comparative Data

Medieval Pottery

Field	Linewalking Distribution		per 100m
	No.	Ha.	
74	6	3.61	0.167
76	1	4.21	0.024
84	-	3.24	
85*	-	6.93	
86*	-	7.64	
87*	-	11.2	
88*	-	17.48	
89	4	14.2	0.282
90*	1	15.84	0.006
91*	-	12.92	
92*	-	16.56	
94	26	5.266	4.937
95	14	5.984	2.339
96	11	6.031	1.823
101	28	5	5.6
115	17	0.839	20.262

\* The line and hectare figures for these fields are approximate.

## **Intensive Fieldwalking**

Along the Dishforth to Leeming section of the A1 improvement scheme only Area A4i and C were intensively walked therefore comparison with intensively walked sites to the south is limited to Fields 7, 74, 76, 78, and 89 and finds categories flint and medieval pottery as no Roman material was located during the intensive fieldwalking of Area A4i.

### **Flint Assemblage**

Of the areas intensively fieldwalked (Areas A4i and C1-3) all produced a flint assemblage with density variations from 1.538 (Area C1) to 11.11 per hectare (Area A4i). From the evaluation in the south of Field 7 a low density per hectare of 9.897 was recorded whereas work in Field 89 produced a density of 64.706 in Field 89. Although it must be stressed that two prehistoric sites were located in this area and that Field 89 was suffering severe plough damage. In Area C a known area of Roman settlement the flint assemblage again suggests an earlier prehistoric presence of an undefined nature. This occurrence is also paralleled by the flint assemblage from Field 76 (identified by geophysical and excavation as a Roman fort), where 10 flint tools were located which may have been disturbed by the Roman activity.

It is interesting to note that whereas the occurrence of flint and roman pottery by density were at variance there appears to be some correlation between flint and medieval pottery in certain areas (see below).

### **Medieval Pottery**

The intensively walked areas (Areas C and A4) also show a variation in the number of sherds per hectare, ranging from 2.5 in Area A4(i) to 10 in Area C2. The relatively low proportion of sherds per hectare observed during the line walking of Area A4 was echoed by the intensive walking of Area A4 (i).

Of the comparative data, even the relatively large quantities of medieval pottery such as were found in Fields 74, 76 and 78 (with ratios of sherds per ha. of 67.3, 20.9 and 32.8 respectively) were explained by the writers (NAA) as representing medieval manuring activity, and the same process presumably accounts for the presence of medieval material in the areas walked as part of the project under discussion.

What does appear through comparison of flint and medieval pottery densities is that in certain areas i.e. Fields 74 and 76, where a large assemblage of medieval pottery was collected (243 and 88 respectively); the total quantity of flint is also relatively high (77 and 52 respectively). However, it must be stressed that this pattern is not the norm, for example Field 89 has 33 flints, and only 1 sherd of medieval pottery. Even so it may be suggested that perhaps the types of soils in question were favoured by prehistoric and medieval man for their good qualities and drainage; conversely it may be suggested that the larger prehistoric assemblages occur where there has been disturbance by medieval agricultural practises.



Field	No.	Ha.	per Ha.
7	12	4.85	2.474
74	243	3.61	67.313
76	88	4.21	20.903
78	20	0.16	32.787
89	1	1.02	0.980

Intensive Distribution

Medieval Pottery

Comparative Data

Area	No. of sherds	Ha.	Sherd per ha.
A4(i)	9	3.6	2.5
C1	23	2.6	8.85
C2	54	6.2	8.71
C3	12	2.9	4.14

Intensive Distribution

Medieval Pottery

Field	No.	Ha.	per Ha.
7	48	4.85	9.897
74	77	3.61	21.329
76	52	4.21	12.352
78	7	0.16	43.75
89	66	1.02	64.706
7	40	4.85	8.247
74	65	3.61	18.006
76	40	4.21	9.501
78	5	0.16	31.25
89	33	1.02	32.353

Intensive Distribution

Total Flint

Comparative Data

Area	No.	Ha.	per Ha.
A4	40	3.6	11.11
C1	4	2.6	1.538
C2	17	6.2	2.742
C3	18	2.9	6.207
A4	18	3.6	5.0
C1	3	2.6	1.154
C2	10	6.2	1.613
C3	15	2.9	5.172
A4	22	3.6	6.111
C1	1	2.6	0.385
C2	7	6.2	1.129
C3	3	2.9	1.034

Intensive Distribution

Total Flint

Comparative Data

Area	No.	Ha.	per Ha.
A4	18	3.6	5.0
C1	3	2.6	1.154
C2	10	6.2	1.613
C3	15	2.9	5.172
A4	22	3.6	6.111
C1	1	2.6	0.385
C2	7	6.2	1.129
C3	3	2.9	1.034

Intensive Distribution

Total Flint

Comparative Data

Area	No.	Ha.	per Ha.
A4	22	3.6	6.111
C1	1	2.6	0.385
C2	7	6.2	1.129
C3	3	2.9	1.034

Intensive Distribution

Total Flint

Comparative Data

Area	No.	Ha.	per Ha.
A4	22	3.6	6.111
C1	1	2.6	0.385
C2	7	6.2	1.129
C3	3	2.9	1.034

Intensive Distribution

## 8. Bibliography

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Northern Archaeological Associates., *A1 Motorway: Walshford to Dishforth Fieldwalking Survey*

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FINDS CATALOGUE

## 9. Finds Catalogue

### Area A1

#### Pottery

- E27 - 1 modern white glaze body
- G29 - 1 post medieval purple coarseware
- I8 - 1 modern white glaze sherd
- I19 - 1 modern white glaze body sherd

#### Brick and Tile

- E20 - 1 brick frag
- E27 - 1 brick frag ?land drain
- J3 - 1 brick frag modern
- J17 - 1 brick frag

#### Flint

- A4 - dark grey flake
- A15 - grey flake
- C4 - 1 waste flake
- F9 - 1 flake
- H13 - 1 flake

#### Glass

- E31 - 1 blue stamped bottle frag

### Area A2

#### Pottery

- B10 - 1 Roman
  - 1 unidentified
- D2 - 1 modern
- D5 - 2 modern sherds
- D8 - 1 post med
  - 2 modern
- D9 - 2 modern
- E3 - 1 modern blue/white transfer
- E4 - 2 modern blue/white transfer
- E9 - 1 modern blue/white transfer
- F7 - 1 post med
- F8 - 1 post med
- H1 - 1 modern
- H3 - 1 modern
- H7 - 1 modern
- J5 - 1 modern
- N1 - 1 modern
- N2 - 1 modern
- O2 - 1 post med purple glaze
  - 1 modern blue/white transfer
- P1 - 1 post med
- P3 - 1 med
- P4 - 2 med
- U1 - 1 modern white glaze
- U2 - 1 Roman greyware
  - 1 modern blue/white transfer
- W2 - 1 modern white glaze
- W4 - 1 modern blue/white transfer

#### Brick and Tile

A10 - 1 modern frag  
C6 - 1 pantile frag  
C8 - 1 pantile frag  
I1 - 1 modern frag  
I4 - 1 modern tile frag  
I6 - 1 modern frag  
-03 - 1 frag  
-S1 - 1/4 modern brick  
-S4 - 1 modern frag  
-S6 - 1 modern frag

#### **Flint**

E5 - 1 flake brown  
F5 - 1 flake brown  
-O3 - 1 flake blue/grey  
-P4 - 1 scraper. 27x11x10mm.  
Q2 - 1 flake blue/grey  
-S5 - Scraper in blue/grey flint. Cortex remnant, and percussion bulb, with no secondary retouch. 47x36x9mm.

#### **Glass**

A7 - 1 bottle frag clear modern  
B5 - 1 modern glass  
B7 - 1 modern glass  
B8 - 3 modern frags  
D4 - 1 frag  
F4 - 1 frag  
F6 - 1 modern frag  
H4 - 1 modern glass

#### **Clay pipe**

D9 - 1 stem

### **Area A3**

#### **Pottery**

B7 - 1 Roman black burnished ware  
B8 - 3 Roman black burnished ware  
B1 - 1 white transfer ware body sherd - modern  
B3 - 1 white glazed body sherd - modern  
B10 - 1 Roman greyware  
C2 - 1 medieval body sherd  
C8 - 1 post med staffordshire rim  
D5 - 1 Roman black burnished ware  
E5 - 1 post med purple coarse ware rim  
F1 - 1 Roman  
F4 - 1 modern  
H5 - 1 Roman black burnished ware

#### **Brick and Tile**

A6 - 1 frag  
A8 - 1 frag  
C2 - 1 tile frag  
E3 - 1 tile frag  
E8 - 1/4 modern brick  
F1 - 1 modern frag  
G1 - 1 modern tile frag  
G10 - 1 modern tile frag  
I2 - 1 frag

#### **Flint**

F2 - 1 flake - blue-grey

**Glass**

C3 - 1 modern blue

D2 - 1 modern

**Clay pipe**

F1 - 1 stem

G4 - 1 stem

**Animal bone**

A10 - 1 metapodial - sheep

I2 - 1 toe bone

**Other Finds**

C2 - 1 coal frag

E8 - 1 coal frag

C3 - 1 mortar frag

**Area A4 (i)****Pottery**

A18 - 1 ?Humber ware body sherd - medieval

B12 - 1 Roman body sherd

C17 - 1 Staffordshire ware body sherd - post medieval

D25 - 1 black burnished body sherd - Roman

- 1 ?Humber body sherd - medieval

E7 - 1 white glaze body sherd - modern

E23 - 1 white glaze body sherd - modern

F18 - 1 black burnished body sherd - Roman

F32 - 1 post medieval body sherd

G38 - 1 white glaze body sherd - modern

H25 - 2 post medieval body sherd

I10 - 1 purple ware coarseware body sherd

J29 - 1 modern white earthenware body sherd - modern

K20 - 1 post medieval Staffordshire ware body sherd

L31 - 1 ?black burnished body sherd - Roman

**Brick and Tile**

C25 - 1 frag

D25 - 1 frag

E5 - 1 frag

E6 - 1 frag

E36 - 1 frag

F20 - 1 frag

F36 - 1 frag

H23 - 1 frag

H36 - 1 frag

J25 - 1 frag

L27 - 1 frag

L28 - 1 frag

**Flint**

C6 - 2 flakes - blue/grey patinated flint

C20 - 2 flakes - blue/grey patinated flint

C21 - 2 flakes - blue/grey patinated flint

C23 - 1 scraper in blue/grey patinated flint with secondary retouch on distal; proximal broken. 27x22x6mm.

C28 - 1 flake - blue/grey patinated flint

E11 - 1 flake with secondary retouch on right lateral

E12 - 1 flake - blue/grey patinated flint

E25 - 1 flake - blue/grey patinated flint with percussion bulb

E32 - 1 flake - blue/grey patinated flint

E36 - 1 flake - blue/grey patinated flint

- F34 - 1 flake with secondary retouch on right lateral - blue/grey
- G11 - 1 flake - blue/grey patinated flint
- G26 - 1 flake - blue/grey patinated flint
- I7 - 1 flake - blue/grey patinated flint
- I8 - 1 flake - blue/grey patinated flint with percussion bulb
- I13 - 1 flake - blue/grey patinated flint
- I15 - 1 flake - blue/grey patinated flint
- K20 - 1 flake - blue/grey patinated flint
- K23 - 1 flake - blue/grey patinated flint
- K24 - 1 flake - blue/grey patinated flint
- K30 - 1 flake - blue/grey patinated flint

#### Glass

- B16 - 1 frag - green
- E24 - 1 frag - light green
- F17 - 1 frag - clear
- F35 - 1 frag - green

#### Coal

- C6 - 1 small frag

### Area A4i - Intensive

#### Pottery

- A6 - 1 rim sherd, blue/white painted ware, modern
  - 1 body sherd, white glaze, modern
- A19 - 1 base sherd, white glaze, modern
- A23 - 1 body sherd, ware, medieval (badly abraded)
- B15 - 1 body sherd, blue/white transfer ware, modern
- B21 - 1 body sherd, white glaze, modern
- B23 - 1 base sherd, white glaze, modern
- C4 - 1 handle fragment, unidentified, post-medieval
- C7 - 1 handle fragment, Staffordshire ware, post-medieval
- C19 - 1 body sherd, brown glazed stoneware, modern
- C21 - 1 rim sherd, Staffordshire slip trailed ware, post-medieval
  - 1 base sherd, post-medieval
- C22 - 1 rim sherd, brown slip decoration, modern
- C27 - 1 body sherd, manganese glaze, post-medieval
- C28 - 1 body sherd, white glaze, modern
- D3 - 1 body sherd, white glaze, modern
- D4 - 1 body sherd, white glaze, modern
- D7 - 1 body sherd, white glaze, modern
- D8 - 1 body sherd, white glaze, modern
- D10 - 1 rim sherd, blue/white transfer ware, modern
- D11 - 1 body sherd, white glaze, modern
- D12 - 1 body sherd, manganese glaze, post-medieval
- D14 - 1 body sherd, ?Staffordshire ware, post-medieval (badly abraded)
- D17 - 1 body sherd, unidentified, post-medieval
- D18 - 1 body sherd, Staffordshire slip trailed ware, post-medieval
  - 1 rim sherd, Staffordshire marbled ware, post-medieval
  - 1 base sherd, Staffordshire, marbled ware, post-medieval
- D19 - 1 body sherd, manganese glaze, post-medieval
  - 1 body sherd, Staffordshire slip trailed ware, post-medieval
  - 1 body sherd, blue/white transfer ware, modern
- D20 - 1 rim sherd, manganese glaze, post-medieval
- D21 - 1 rim sherd, white glaze, modern
  - 1 body sherd, manganese glaze, post-medieval
- D22 - 1 base sherd, unidentified, post-medieval
- D24 - 1 body sherd, white glaze modern

- D26 - 1 rim sherd, white glaze, modern  
D27 - 1 body sherd, post-medieval  
E8 - 1 rim sherd, blue/white transfer ware, modern  
- 1 body sherd, blue/white transfer ware, modern  
E9 - 1 body sherd, Staffordshire slip trailed ware, post-medieval  
F12 - 1 rim sherd, blue/white transfer ware, modern  
- 1 body sherd, white glaze, modern  
E15 - 1 rim sherd, Staffordshire slip trailed ware, post-medieval  
E17 - 1 body sherd, Ryedale type ware, post-medieval  
E18 - 1 body sherd, manganese ware, post-medieval  
E19 - 1 body sherd, Tees Valley ware, medieval (badly abraded)  
E23 - 1 body sherd, manganese glaze, post-medieval  
- 1 rim sherd, blue/white transfer ware, modern  
E30 - 2 body sherds, white glaze, modern  
- 1 body sherd, brown glaze stone ware, modern  
F9 - 1 body sherd, ware, medieval  
- 1 base sherd, stoneware flagon, modern  
F26 - 1 body sherd, ?Staffordshire ware, post-medieval  
F28 - 1 body sherd, Tees Valley ware, medieval  
F29 - 1 rim sherd, brown glazed stoneware, modern  
F31 - 1 body sherd, white glaze, modern  
F33 - 1 base sherd, Staffordshire marbled ware, post-medieval  
F39 - 1 base sherd, salt glazed stoneware, post-medieval  
G6 - 1 base sherd, Chinese blue painted porcelain, modern  
G15 - 1 body sherd, stoneware with incised blue decoration, modern  
G21 - 1 body sherd, blue/white transfer ware, modern  
G34 - 1 body sherd, blue/white transfer ware modern  
G35 - 1 rim sherd, white glaze, modern  
G36 - 1 body sherd, Cistercian ware, late medieval  
G38 - 1 body sherd, blue/white transfer ware, modern  
G39 - 1 body sherd, post-medieval  
H9 - 1 body sherd, Staffordshire slip trailed ware, post-medieval  
H10 - 1 body sherd, white glaze, modern  
H17 - 1 body sherd, Cistercian ware, late medieval  
- 1 body sherd, blue/white transfer ware, modern  
H31 - 1 body sherd, blue/white transfer ware sherd, modern  
H33 - 1 body sherd, Cistercian ware, late medieval  
H35 - 1 body sherd, Staffordshire slip trailed ware, post-medieval  
H37 - 1 base sherd, white glaze, modern  
J9 - 1 body sherd, white glaze, modern  
J10 - 1 body sherd, white glaze, modern  
J25 - 1 rim sherd, Staffordshire marbled ware, moulded plate rim, post-medieval  
- 1 body sherd, blue/white transfer ware, modern  
J27 - 1 handle fragment, Cistercian ware, late medieval  
J29 - 1 body sherd, manganese glaze, post-medieval  
J30 - 1 body sherd, blue/white transfer ware, modern  
J34 - 1 body sherd, white glaze, modern  
J35 - 1 rim sherd, white glaze, modern  
J36 - 1 rim sherd, blue/white transfer ware, modern  
- 1 body sherd, blue/white transfer ware, modern  
K9 - 1 body sherd, Tees Valley ware, medieval  
K11 - 1 rim sherd, modern  
K14 - 1 shoulder sherd, brown glaze stoneware, modern  
K20 - 2 rim sherds, white glaze, modern  
K27 - 1 body sherd, manganese glaze, post-medieval  
K32 - 1 body sherd, white glaze, modern  
K36 - 2 body sherds, white glaze, modern  
L26 - 1 body sherd, white glaze, modern



- L30 - 1 body sherd, blue/white transfer ware, modern  
M32 - 1 body sherd, white glaze, modern  
M34 - 1 body sherd, white glaze, modern

**Brick and Tile**

- B5 - 0.05kg  
B8 - 0.005kg  
B9 - 0.01kg  
B10 - 0.005kg  
B11 - 0.005kg  
B12 - 0.002kg  
B13 - 0.01kg  
B14 - 0.035kg  
B15 - 0.02kg  
B16 - 0.001kg  
B18 - 0.005kg  
B19 - 0.01kg  
B21 - 0.005kg  
B23 - 0.25kg  
B25 - 0.01kg  
C3 - 0.002kg  
C4 - 0.005kg  
C5 - 0.025kg  
C6 - 0.06kg  
C7 - 0.02kg  
C8 - 0.001kg  
C9 - 0.001kg  
C11 - 0.001kg  
C13 - 0.001kg  
C14 - 0.002kg  
C15 - 0.001kg  
C16 - 0.005kg  
C17 - 0.001kg  
C18 - 0.05kg  
C19 - 0.02kg  
C20 - 0.06kg  
C21 - 0.005kg  
C22 - 0.07kg  
C24 - 0.001kg  
C26 - 0.001kg  
C27 - 0.001kg  
C29 - 0.005kg  
C30 - 0.05kg  
C31 - 0.001kg  
D6 - 0.015kg  
D9 - 0.002kg  
D13 - 0.002kg  
D15 - 0.005kg  
D17 - 0.001kg  
D20 - 0.001kg  
D21 - 0.04kg  
D23 - 0.002kg  
D25 - 0.001kg  
D29 - 0.005kg  
D31 - 0.001kg  
D33 - 0.01kg  
D34 - 0.002kg  
E8 - 0.001kg

E18 - 0.001kg  
E19 - 0.002kg  
E20 - 0.15kg  
E21 - 0.005kg  
E23 - 0.001kg  
E28 - 0.005kg  
E34 - 0.02kg  
F8 - 0.005kg  
F10 - 0.55kg  
F12 - 0.01kg  
F13 - 0.25kg  
F14 - 0.01kg  
F17 - 0.005kg  
F20 - 0.001kg  
F24 - 0.001kg  
F26 - 0.1kg  
F25 - 0.01kg  
F27 - 0.001kg  
F28 - 0.005kg  
F30 - 0.15kg  
F31 - 0.1kg  
F33 - 0.1kg  
F34 - 0.01kg  
F36 - 0.02kg  
G12 - 0.01kg  
H6 - 0.01kg  
H7 - 0.01kg  
H8 - 0.2kg  
H11 - 0.01kg  
H12 - 0.15kg  
H15 - 0.01kg  
H17 - 0.001kg  
H18 - 0.001kg  
H19 - 0.01kg  
H20 - 0.001kg  
H21 - 0.005kg  
H22 - 0.01kg  
H23 - 0.05kg  
H24 - 0.001kg  
H25 - 0.001kg  
H26 - 0.01kg  
H27 - 0.15kg  
H28 - 0.001kg  
H30 - 0.1kg  
H31 - 0.005kg  
H32 - 0.005kg  
H33 - 0.001kg  
H34 - 0.1kg  
H35 - 0.01kg  
H37 - 0.01kg  
H38 - 0.005kg  
J6 - 0.001kg  
J8 - 0.01kg  
J10 - 0.005kg  
J11 - 0.001kg  
J12 - 0.005kg  
J13 - 0.001kg  
J14 - 0.005kg

- J15 - 0.005kg
- J16 - 0.001kg
- J19 - 0.01kg
- J21 - 0.005kg
- J23 - 0.005kg
- J26 - 0.07kg
- J27 - 0.05kg
- J28 - 0.05kg
- J31 - 0.35kg
- J32 - 0.1kg
- J33 - 0.005kg
- J34 - 0.02kg
- J35 - 0.005kg
- K2 - 0.01kg
- K7 - 0.001kg
- K8 - 0.1kg
- K9 - 0.04kg
- K13 - 0.05kg
- K15 - 0.1kg
- K16 - 0.15kg
- K21 - 0.002kg
- K23 - 0.1kg
- K25 - 0.001kg
- K27 - 0.03kg
- K29 - 0.002kg
- K31 - 0.01kg
- K32 - 0.005kg
- K35 - 0.01kg
- L28 - 0.01kg
- L30 - 0.005kg
- L31 - 0.1kg
- L32 - 0.005kg
- L34 - 0.005kg

#### Flint

- A13 - 1 flake: waste, cortex remnant, percussion bulb, mottled grey.  
Length: 29mm, width: 23mm, thickness: 6mm.
- A22 - 1 flake: waste, cortex remnant on right lateral, percussion bulb, mottled grey.  
Length: 28mm, width: 18mm, thickness: 4mm.
- B3 - 1 ?core: flake scars, cortex remnant, mottled grey.  
Length: 42mm, width: 32mm, thickness: 18mm.
- B16 - 1 side scraper: edge retouch at 45 degrees on reverse side of right lateral from proximal to midway on lateral, reverse side is corticated, percussion bulb, mottled grey.  
Length: 38mm, width: 25mm, thickness: 5mm.
- B23 - 1 end scraper: partial edge retouch on distal, mottled grey.  
Length: 37mm, width: 22mm, thickness: 4mm.  
- 1 bladelet: mottled grey.  
Length: 42, width: 9m, thickness: 2m.
- C10 - 1 flake: waste, dark grey.  
Length: 23mm, width: 9mm, thickness: 4mm.
- C14 - 1 end scraper: edge retouch on distal at 45 degrees, right lateral snapped - piece may originally have been an end/side scraper as slight indication that a retouch continued along right lateral towards proximal, mottled grey.  
Length: 20mm, width: 12mm, thickness: 5mm.
- C15 - 1 knife: edge with retouch on left converging on distal, translucent brown.  
Length: 28mm, width: 15mm, thickness: 1.5mm.
- C22 - 1 flake: waste, cortex remnant, mottled grey.

- Length: 30mm, width: 15mm, thickness: 7mm.
- D3 - 1 bladelet: cortex remnant on part of right lateral, proximal broken, ?recent sharp break, translucent dark grey.  
Length: 16mm, width: 12mm, thickness: 1mm.
- D6 - 1 end/side scraper: left lateral and proximal broken, edge retouch on right lateral converging on distal, cortex remnant on right, translucent.  
Length: 22mm, width: 21mm, thickness: 6mm.
- D7 - 1 flint flake: waste, mottled grey.  
Length: 14mm, width: 10mm, thickness: 3mm.
- D14 - 1 flake: waste, mottled grey.  
Length: 22mm, width: 10mm, thickness: 4mm.  
- 1 bladelet: proximal snapped, mottled grey.  
Length: 24mm, width: 12mm, thickness: 2.5mm.
- D31 - 1 utilised flake/knife: percussion bulb, edge retouch of right lateral, lower right snapped as has left lateral, translucent.  
Length: 30mm, width: 18mm, thickness: 3mm.
- E9 - 1 flake: waste, mottled grey.  
Length: 38mm, width: 27mm, thickness: 10mm.
- E17 - 1 knife: unfinished piece, shape and quality of flint suggests it was intended to be a continued plano-convex knife which was never finished, cortex remnant on left lateral reverse, mottled black.  
Length: 30mm, width: 21mm, thickness: 18mm.
- G12 - 1 flint ?flake/natural.  
Length: 25mm, width: 16mm, thickness: 15mm.
- G30 - 1 ?blade: mottled grey.  
Length: 22mm, width: 13mm, thickness: 9mm.
- G31 - 1 bladelet: translucent brown.  
Length: 19mm, width: 11mm, thickness: 2mm.  
- 1 flake: mottled grey.  
Length: 23mm, width: 20mm, thickness: 6mm.
- G33 - 1 blade: cortex remnant on right lateral, mottled grey.  
Length: 28mm, width: 8mm, thickness: 4mm.
- G34 - 1 ?end scraper: retouch on distal, very worn at 60 degrees, percussion bulb, mottled grey.  
Length: 33mm, width: 31mm, thickness: 9mm.
- H9 - 2 flakes: waste, mottled grey.  
Length: 25mm, width: 19mm, thickness: 7mm.  
Length: 23mm, width: 15mm, thickness: 4mm.
- H10 - 1 core: flake scars, cortex remnant, mottled grey.  
Length: 34mm, width: 29mm, thickness: 19mm.
- H14 - 1 bladelet: mottled grey.  
Length: 25mm, width: 6mm, thickness: 3.5mm.  
- 1 flake/bladelet: translucent.  
Length: 15mm, width: 8mm, thickness: 3mm.
- H35 - 1 flake: waste, mottled grey.  
Length: 24mm, width: 15mm, thickness: 2mm.
- H36 - 1 flake: waste, mottled grey.  
Length: 40mm, width: 27mm, thickness: 16mm.
- H37 - 1 end scraper: retouch on distal at 50 degrees, corticated right distal, mottled grey.  
Length: 26mm, width: 15mm, thickness: 2mm.
- J7 - 1 blade: proximal broken, mottled grey.  
Length: 23mm, width: 15mm, thickness: 3mm.
- J8 - 1 side scraper: slight edge retouch on left later, at 45 degrees very worn, percussion bulb, mottled grey.  
Length: 24mm, width: 16mm, thickness: 6mm.
- J29 - 1 knife: edge retouch on right lateral at 45 degrees, corticated left lateral, mottled grey.  
Length: 40mm, width: 20mm, thickness: 9mm.

- 1 end/side scraper: distal and left edge retouch at 60 degrees, translucent.  
Length: 28mm, width: 20mm, thickness: 9mm.
- K13 - 1 flake: waste, mottled grey.  
Length: 15mm, width: 9mm, thickness: 2mm.
- L28 - 1 flake: waste, mottled grey.  
Length: 23mm, width: 15mm, thickness, 4mm.
- M31 - 1 horseshoe scraper: no edge retouch, percussion bulb, mottled grey.  
Length: 21mm, width: 18mm, thickness: 6mm.
- M32 - 1 flint ?flake

#### **Animal Bone**

- C6 - 1 animal bone fragment
- C14 - 1 animal bone fragment
- D11 - 1 animal bone
- D16 - 1 animal bone fragment
- E8 - 1 animal bone
- E14 - 1 calcined animal bone fragment
- G28 - 2 animal bone fragments
- II14 - 1 animal bone fragment
- J21 - 1 animal bone
- J26 - 1 animal bone fragment
- J27 - 1 animal bone
- J34 - 1 animal bone
- L31 - 1 animal bone fragment
- L32 - 1 animal bone fragment

#### **Clay Pipe**

- C12 - 1 bowl fragment  
- 1 stem fragment
- C30 - 1 decorated bowl/stem fragment
- D15 - 1 stem fragment
- E15 - 1 stem fragment
- G6 - 2 stem fragments
- G34 - 1 stem fragment
- H22 - 1 bowl fragment

#### **Metal**

- C4 - 1 Fe object
- E28 - 1 Fe object
- H31 - 1 Cu alloy washer
- J19 - 1 Fe object
- K23 - 1 Fe object
- K27 - 1 Fe object

#### **Other Finds**

- A23 - 1 slate fragment
- C5 - 1 oyster shell fragment
- D7 - 1 oyster shell fragment
- D27 - 1 oyster shell fragment
- G31 - 1 oyster shell fragment
- K22 - 1 slate fragment

#### **Glass**

- B27 - 1 green glass vessel fragment, post-medieval
- C18 - 1 clear glass vessel fragment, modern
- D22 - 1 clear glass body fragment, modern
- D34 - 1 clear glass base, modern
- E9 - 1 white glass vessel fragment, modern

- E26 - 1 green glass neck, modern
- F26 - 1 green glass vessel fragment, post-medieval
- G10 - 2 white glass vessel fragments, modern
- H11 - 1 green glass vessel fragment, post-medieval?
- H34 - 1 green bottle fragment with embossed lettering, modern
- J9 - 1 opaque and green glass rim fragment, modern?
- J18 - 1 clear glass vessel fragment, modern
- K20 - 1 clear moulded bottle fragment, modern

## Area A4ii

### Pottery

- D-1 - 1 yellow glazed earthenware body sherd
- J19 - 1 blue and white transfer body sherd
- K-4 - 1 greyware body sherd
- L19 - 1 yellow glazed earthenware body sherd
- M15 - 1 purple glazed coarseware body sherd

### Brick and Tile

- B3 - 1 frag of drainage tile
- B4 - 1 complete modern brick
- C1 - 0.5 of a modern brick
- D7 - 1 frag
- E10 - 1 frag
- H-4 - 1 frag
- H4 - 1 frag
- I6 - 1 frag
- L-1 - 1 frag
- L2 - 1 frag
- L24 - 1 complete brick  
1 frag
- M7 - 1 frag
- M17 - 1 frag
- M23 - 1 frag
- M24 - 1 frag

### Flint

- H-2 - 1 flake - blue/grey patinated flint
- H8 - 1 flake - blue/grey patinated flint
- J16 - 1 flake - blue/grey patinated flint
- L-2 - 1 flake - white/blue
- L12 - 1 flake - blue/grey patinated flint
- L18 - 1 flake - blue/grey patinated flint
- L22 - 1 flake - blue
- L24 - 1 flake - dark blue
- M10 - 2 flakes - blue/grey patinated flint

### Glass

- E10 - 1 frag - black
- H14 - 1 frag - black
- I17 - 2 frags - clear
- J18 - 1 frag - purple/black

## Area A5

### Pottery

- B34 - 1 Roman
- H1 - 1 post med  
1 unidentified
- H2 - 1 post med

H6 - 1 Roman  
K7 - 1 post med  
Q5 - 1 medieval  
Q21 - 1 post med  
R2 - 1 modern blue/white transfer

**Flint**

I15 - 1 waste flake grey  
- 1 waste flake dark grey

**Glass**

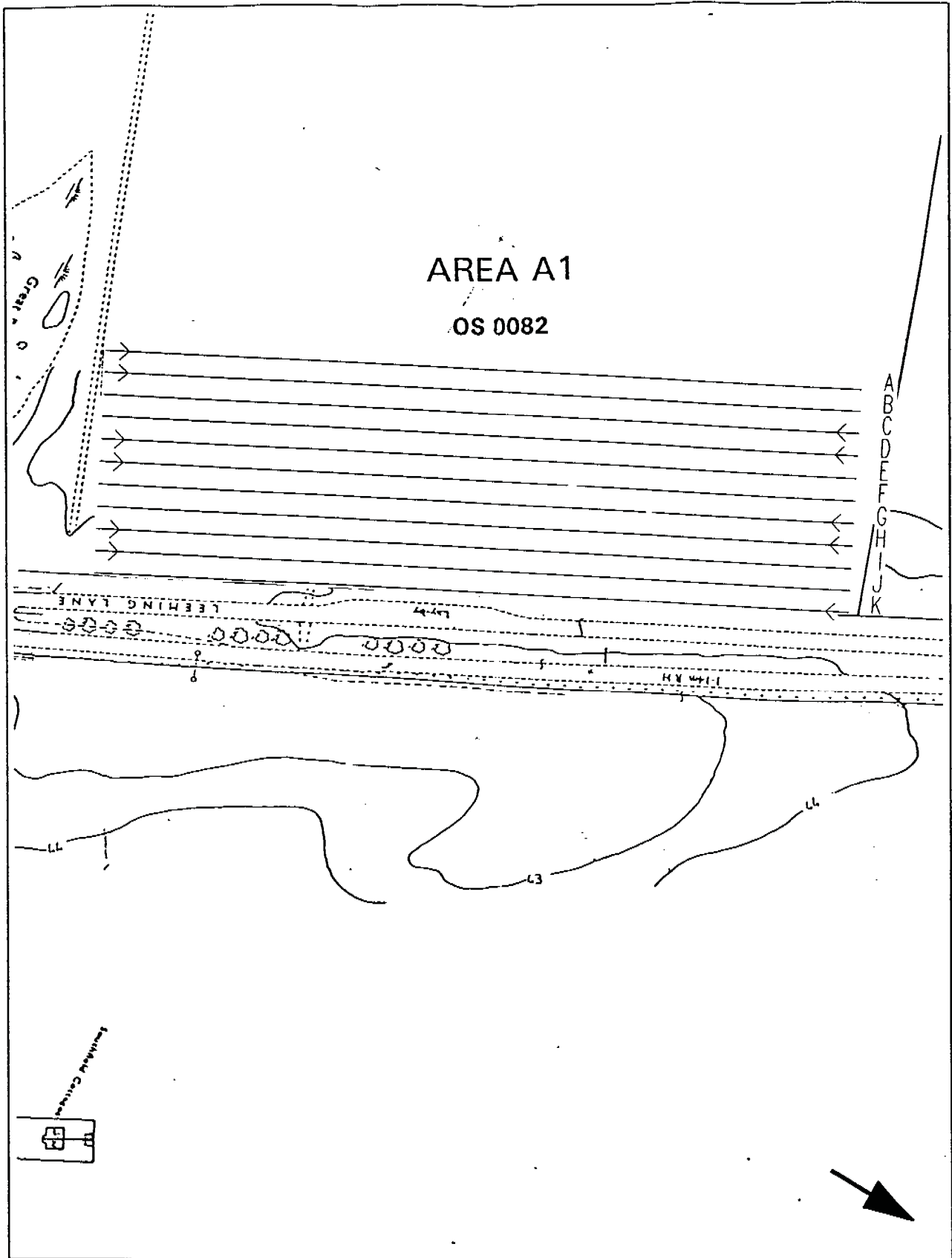
N31 - 1 modern

**Metal**

Q11 - 1 fe nail

**FIGURES**

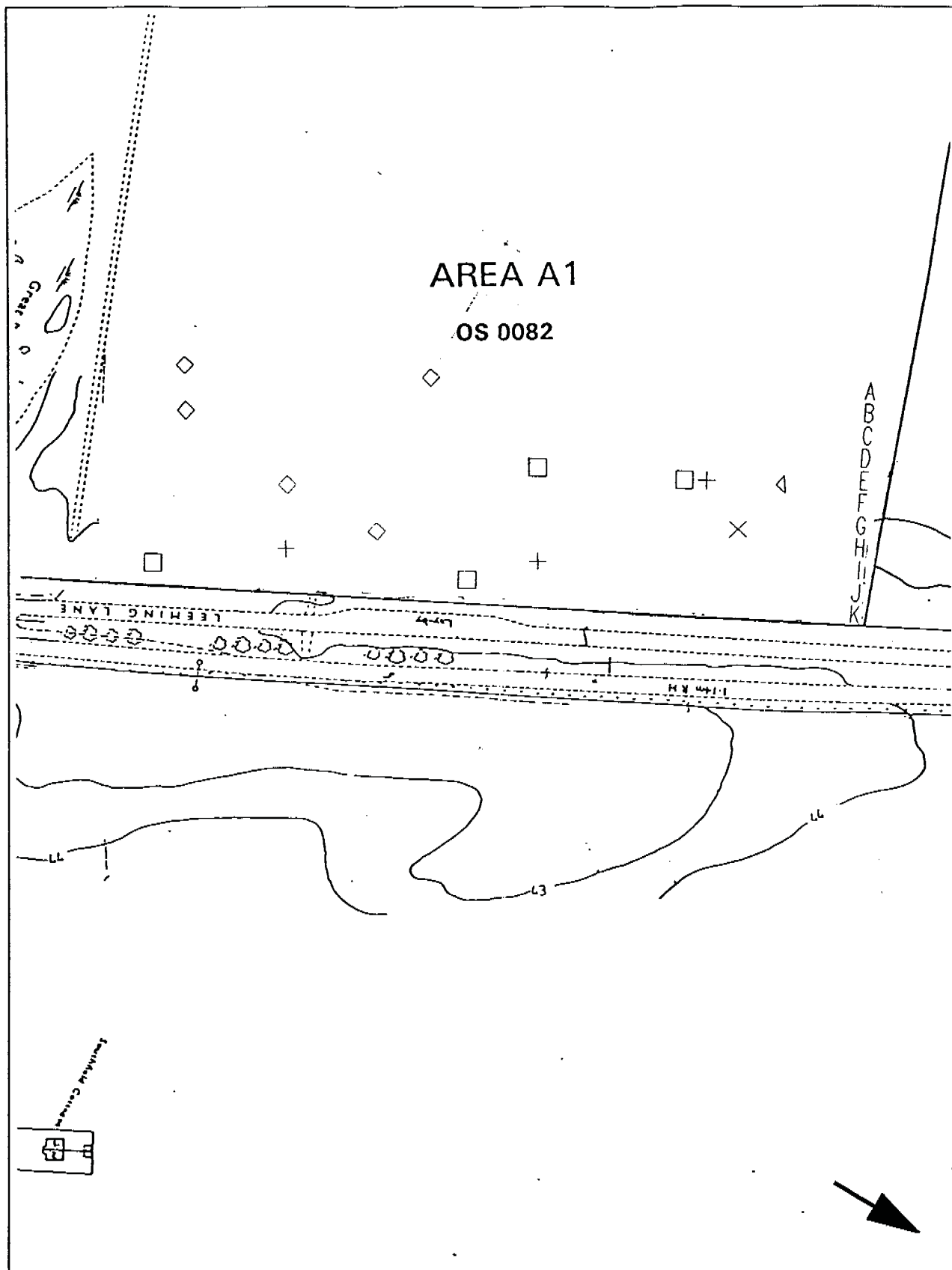




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Direction of walk	<b>A1 DISHFORTH TO NORTH OF LEEMING IMPROVEMENTS</b>	
	Title Area A1 - Linewalking Grid	
	Scale <b>1:2500</b>	Figure 2

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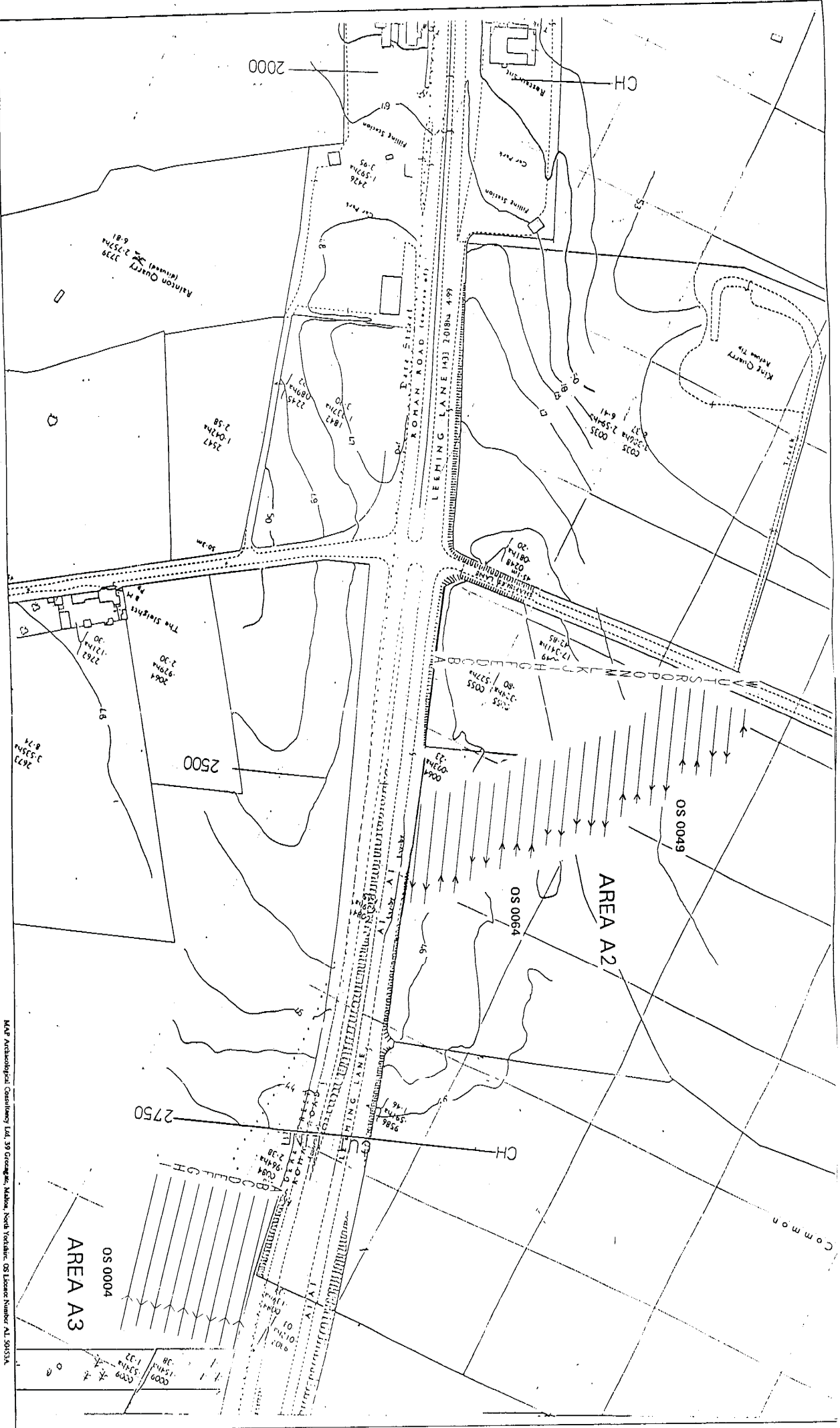


AREA A1  
OS 0082

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<ul style="list-style-type: none"> <li>⊕ Roman pottery</li> <li>○ Medieval pottery</li> <li>× Post medieval pottery</li> <li>+ Modern pottery</li> <li>□ Brick/tile</li> <li>⊠ Clay pipe</li> <li>◇ Flint</li> <li>◁ Glass</li> <li>◊ Animal bone</li> </ul>	<p>A1 DISHFORTH TO NORTH OF LEEMING IMPROVEMENTS</p>	
	<p>Title</p> <p style="text-align: center;">Area A1 - Artefact Distribution</p>	
	<p>Scale</p> <p style="text-align: center;">1:2500</p>	<p>Figure</p> <p style="text-align: center;">3</p>

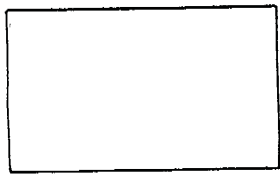
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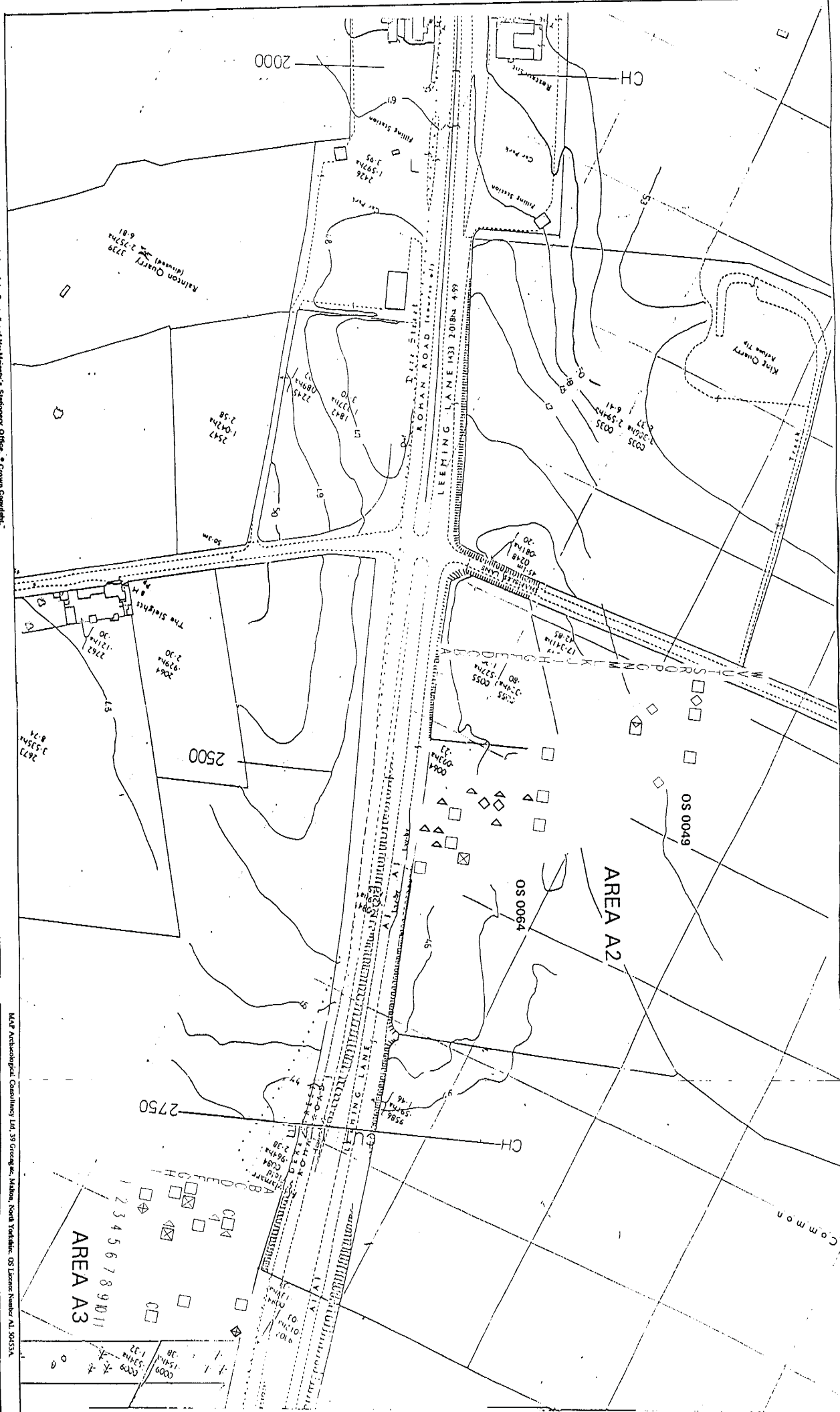
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Direction of walk

ORIGINAL AT A3



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PROJECT	A1 DISHFORTH TO NORTH OF LEEMING IMPROVEMENTS STAGE 2 ARCHAEOLOGICAL WORKS
TITLE	Areas A2 and A3 - Linewalking Grid
Scale	1:2500
Figure	4



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KEY

- Brick/tile
- ⊠ Clay pipe
- ◇ Flint
- ◇ Glass
- ⊣ Animal bone

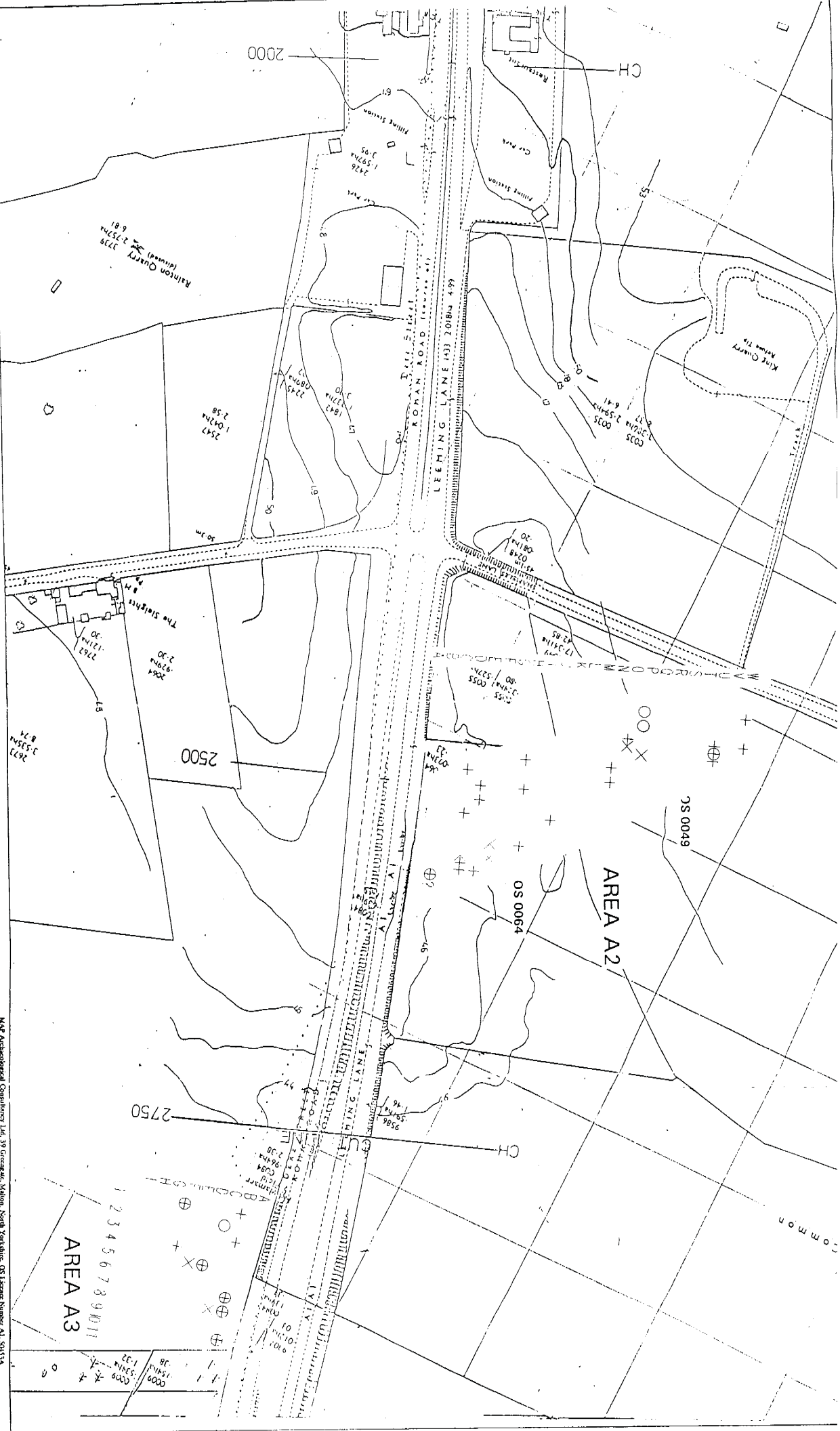
ORIGINAL AT A3

PROJECT	MAR Archaeological Consulting Ltd, 39 Orange, Milton, Kent, Tonbridge, CT12 9NR, Number AL 50053A
TITLE	A1 DISHORTH TO NORTH OF LEEMING IMPROVEMENTS STAGE 2 ARCHAEOLOGICAL WORKS
AREAS	Areas A2 and A3 - Artefact Distribution

Scale 1:2500



Figure 5



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Key

- ⊕ Roman pottery
- ⊗ Medieval pottery
- ⊕ Post medieval pottery
- ⊕ Modern pottery
- ⊕ Unidentified Pottery

ORIGINAL AT A3

KAP Archaeological Consultancy Ltd, 39 Grogan, Nalton, North Yorkshire, OS Licence Number AL 5043A

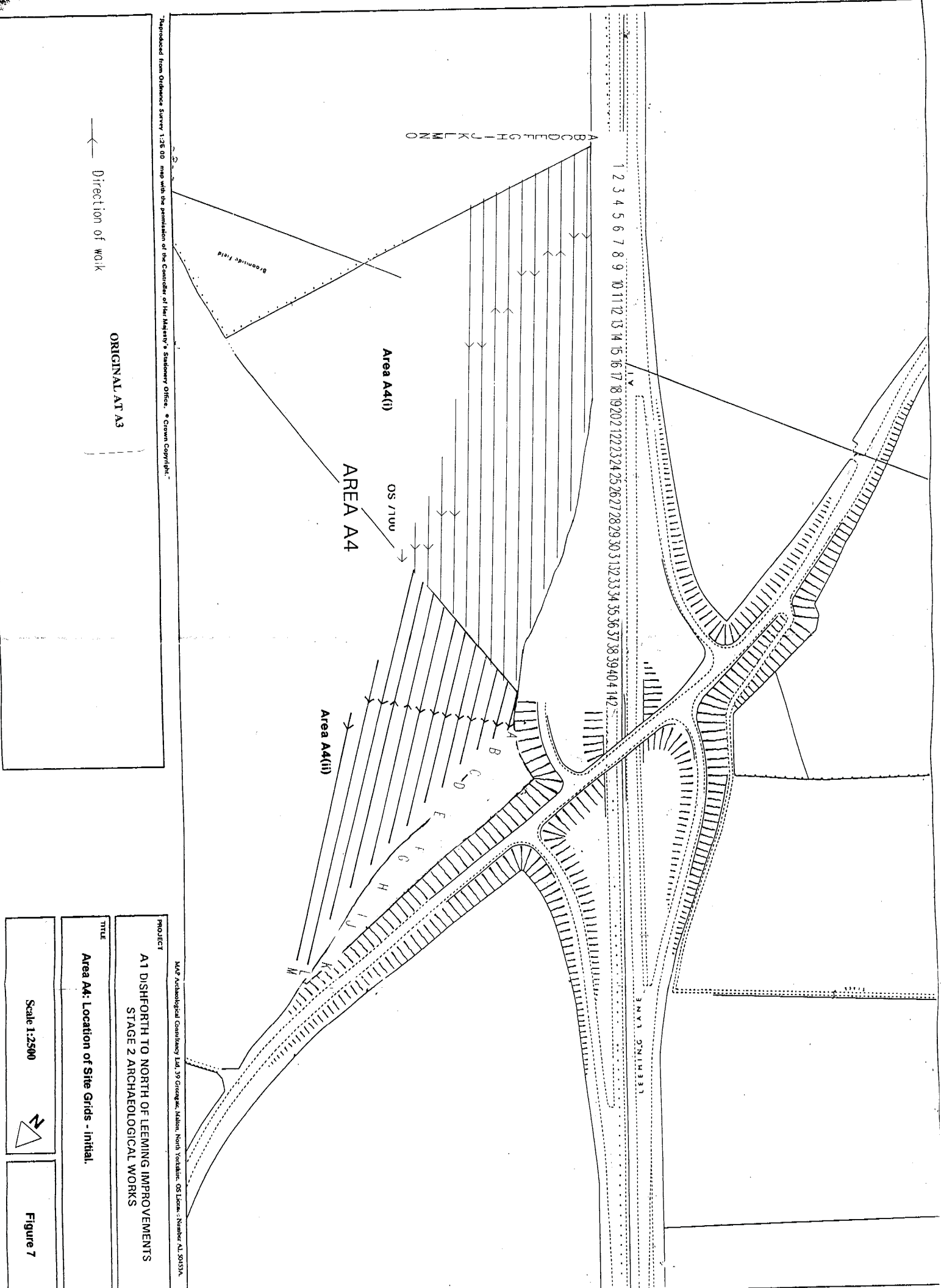
PROJECT  
A1 DISHFORTH TO NORTH OF LEMING IMPROVEMENTS  
STAGE 2 ARCHAEOLOGICAL WORKS

TITLE  
Areas A2 and A3 - Pottery Distribution

Scale 1:2500



Figure 6



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← Direction of walk

ORIGINAL AT A3

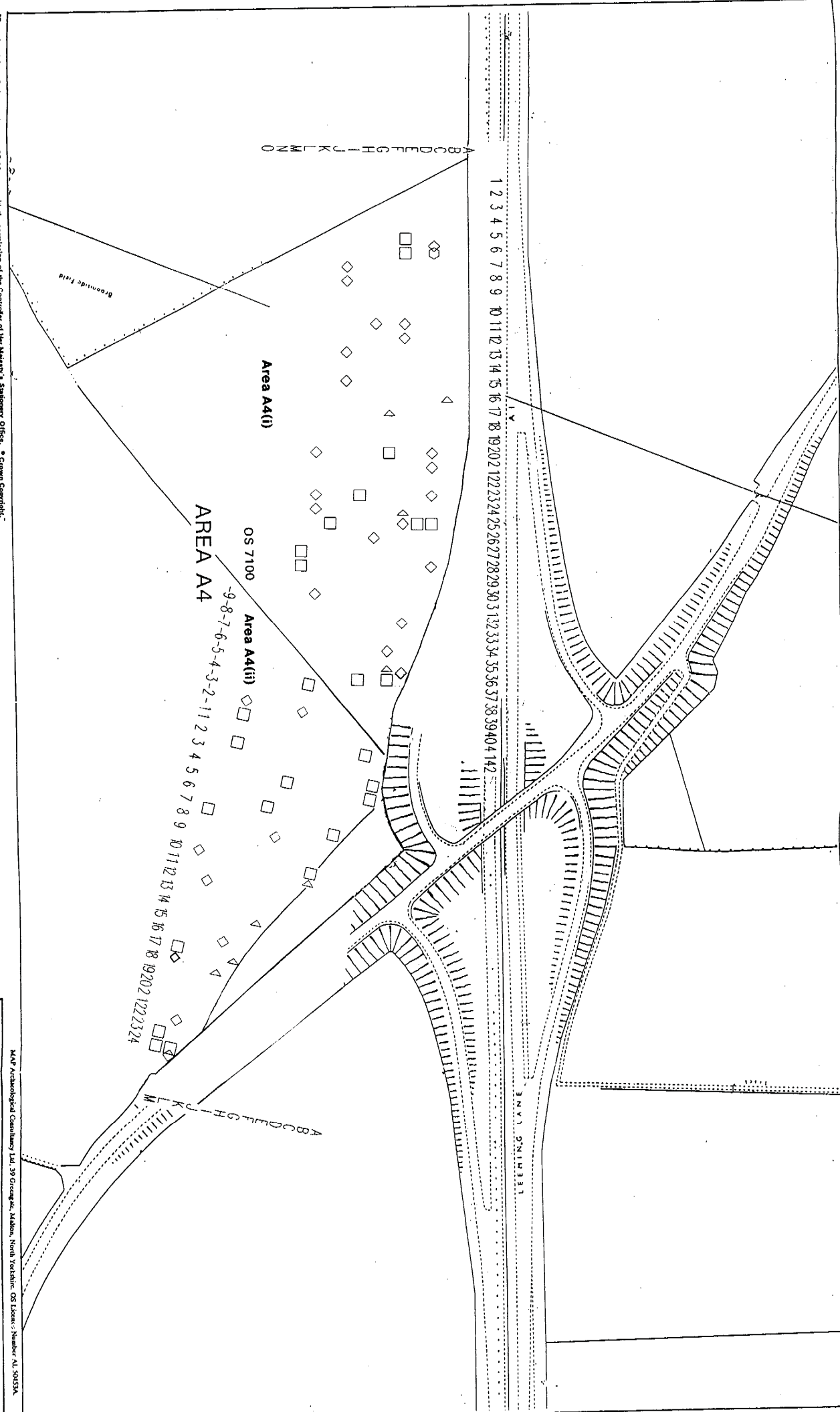
PROJECT  
A1 DISHFORTH TO NORTH OF LEMING IMPROVEMENTS  
STAGE 2 ARCHAEOLOGICAL WORKS

TITLE  
Area A4: Location of Site Grids - initial

Scale 1:2500



Figure 7



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KEY

- ☐ Brick/tile
- ◊ Clay pipe
- ◊ Flint
- ◊ Glass
- ◊ Artificial bone
- C Coal

ORIGINAL AT A3

PROJECT

A1 DISHFORTH TO NORTH OF LEEMING IMPROVEMENTS  
STAGE 2 ARCHAEOLOGICAL WORKS

TITLE

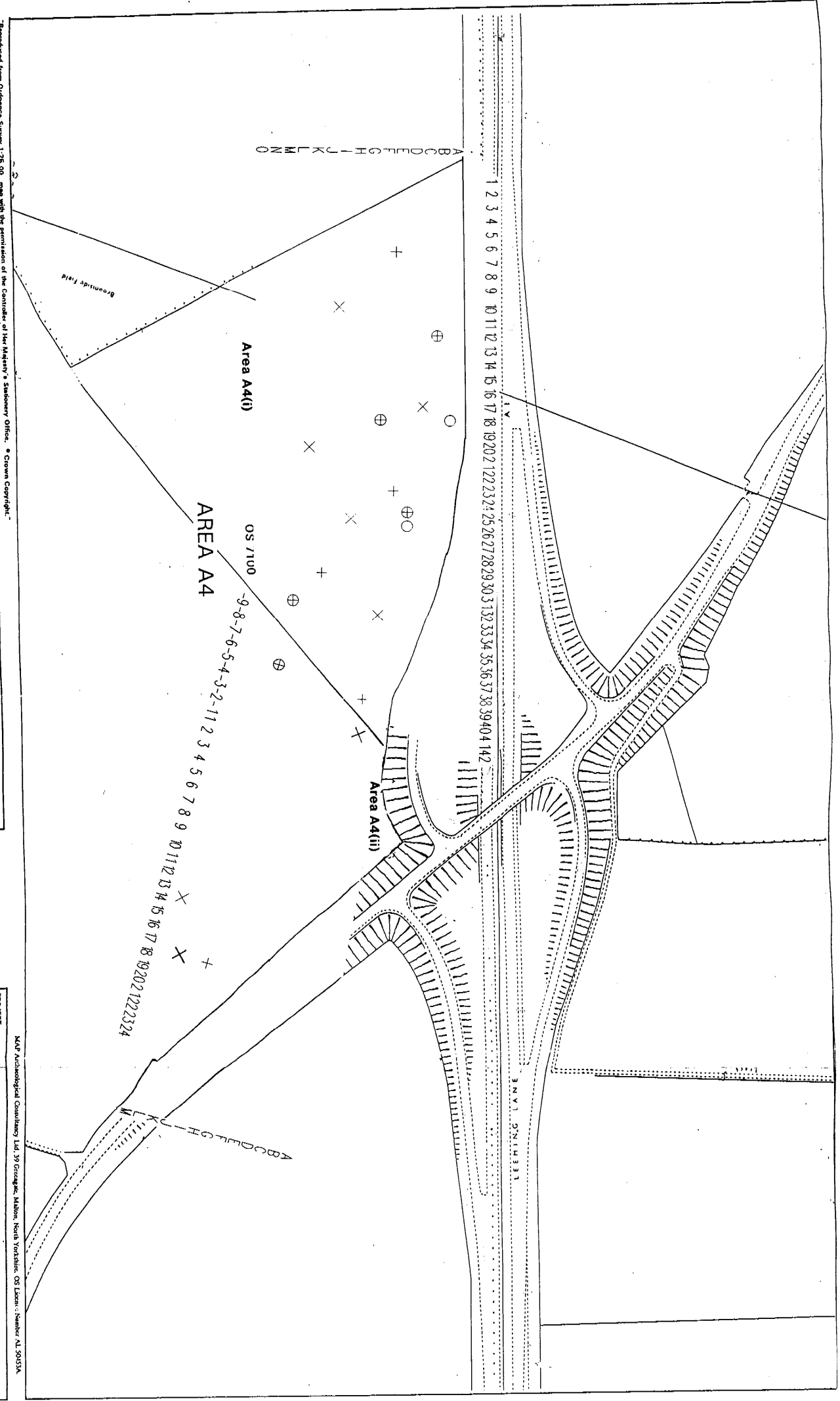
Area A4: Artefact Distribution - Initial.

Scale 1:2500



Figure 8

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ORIGINAL AT A3

- Key
- ⊕ Roman pottery
  - Medieval pottery
  - ⊕ Post Medieval pottery
  - + Modern pottery

MAV Archaeological Consulting Ltd, 39 George, Malton, North Yorkshire, OS Ecken: Number AL 50153A

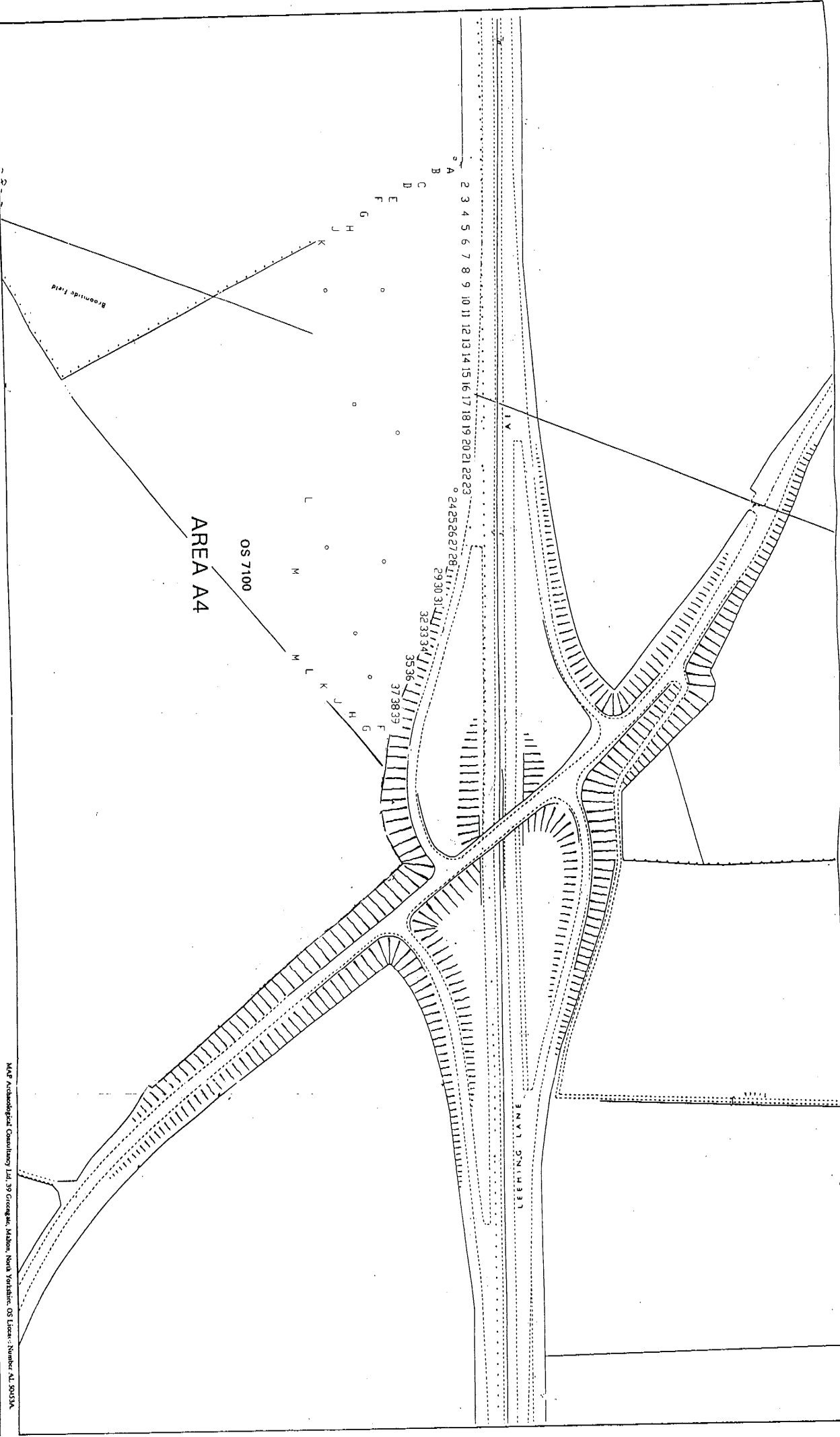
PROJECT  
A1 DISHFORTH TO NORTH OF LEEING IMPROVEMENTS  
STAGE 2 ARCHAEOLOGICAL WORKS

TITLE  
Area A4: Pottery Distribution - Initial.

SCALE  
Scale 1:2500

Figure 9





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ORIGINAL AT A3

Medieval Pottery  
 ○ 1 sherd

AREA A4

OS 7100

Broomfield

ENY1 57N143E1

PROJECT  
 A1 DISFORTH TO NORTH OF LEEMING IMPROVEMENTS  
 STAGE 2 ARCHAEOLOGICAL WORKS

TITLE  
 Area A4(i): Pottery Distribution - intensive.

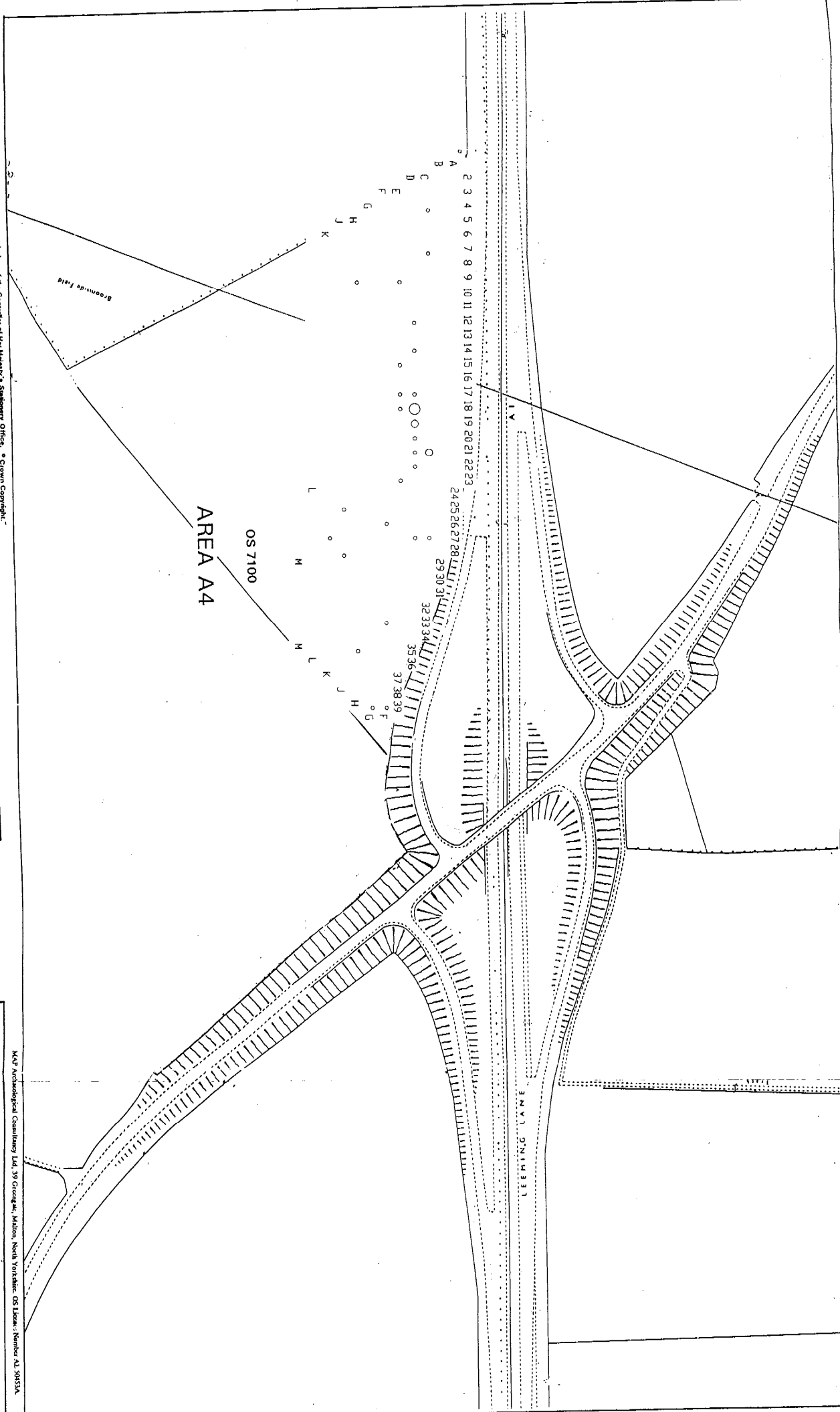
SCALE  
 1:2500



Figure 10

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ORIGINAL AT A3

- Post medieval Pottery
- 1 sherd
  - 2 sherds
  - 3 sherds

PROJECT

A1 DISHORTH TO NORTH OF LEEMING IMPROVEMENTS  
STAGE 2 ARCHAEOLOGICAL WORKS

TITLE

Area A4(i): Post-medieval Pottery Distribution - intensive.

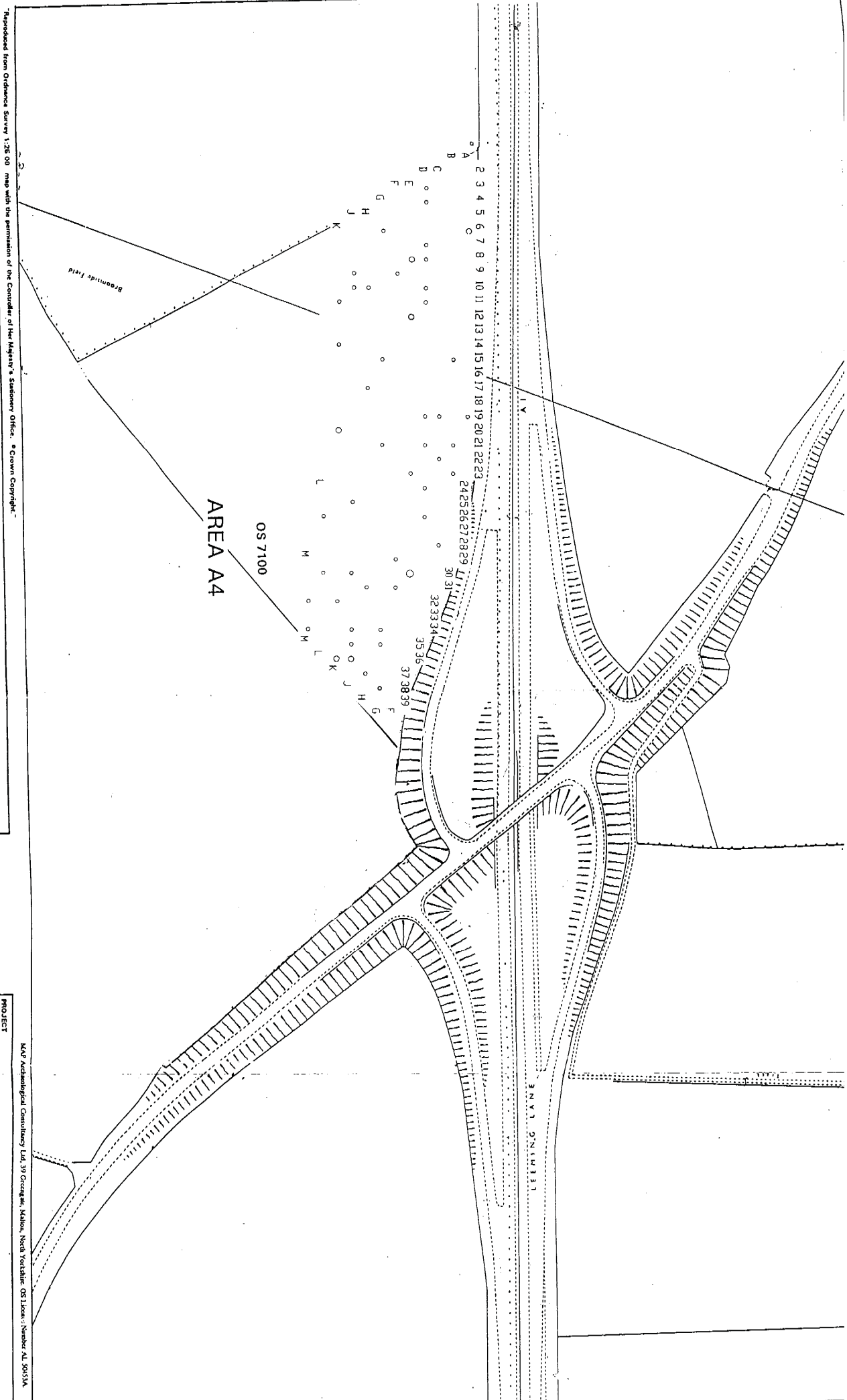
SCALE

1:2500



Figure 11

M&P Archaeological Consulting Ltd, 39 George St, Milton, North Yorkshire, OS Loc: Number A1 5953A



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ORIGINAL AT A3

- Modern Pottery
- 1 sherd
  - 2 sherds
  - 3 sherds

AREA A4

OS 7100

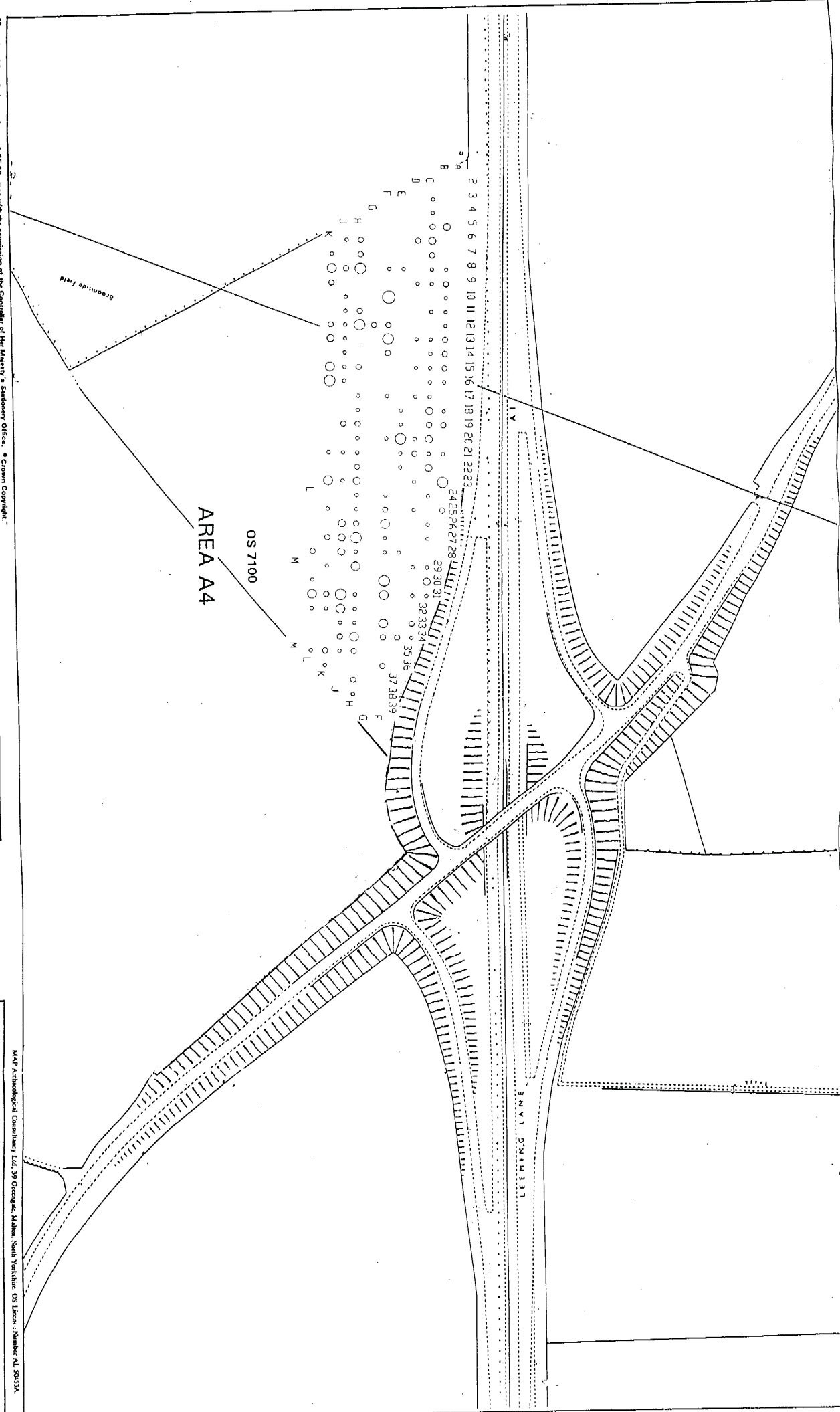
NAC Archaeological Consultancy Ltd, 39 Garsington Road, Oxford, OX4 1LW. OS Licence Number: AL 50153A

PROJECT  
**A1 DISHFORTH TO NORTH OF LEEMING IMPROVEMENTS**  
 STAGE 2 ARCHAEOLOGICAL WORKS

TITLE  
**Area A4(i): Modern Pottery Distribution - intensive.**

SCALE  
**1:2500**

Figure 12



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- Brick and Tile
- 0 - 0.005kg
  - 0.0051 - 0.049kg
  - 0.05 - 0.075kg
  - 0.0751 - 0.1kg
  - 0.11 - 0.5kg
  - +0.5kg

ORIGINAL AT A3

AREA A4

OS 7100

Greenide Field

3 MAY 1971 07:14:33

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PROJECT  
A1 DISHFORTH TO NORTH OF LEMING IMPROVEMENTS  
STAGE 2 ARCHAEOLOGICAL WORKS

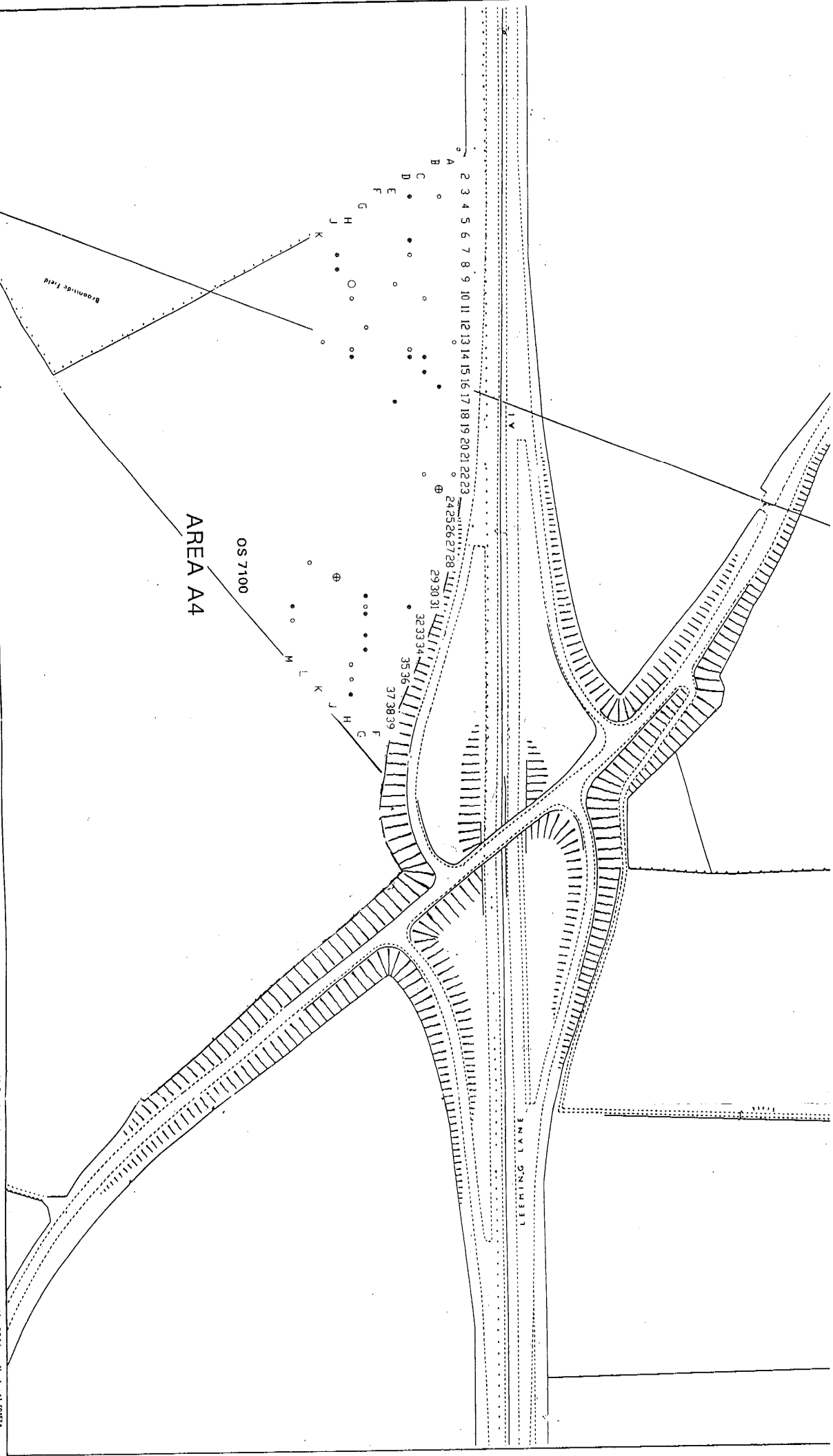
TITLE  
Area A4(i): Brick and Tile Distribution - intensive.

SCALE  
1:2500



Figure 13

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- 1 waste flake/core
- 2 waste flake/core
- 1 tool
- ⊕ 2 tools

ORIGINAL AT A3

AREA A4

OS 7100

OS 7101

M&P Archaeological Consultancy Ltd, 39 Georgey, Malton, North Yorkshire. OS Licence: Number AL 30033A

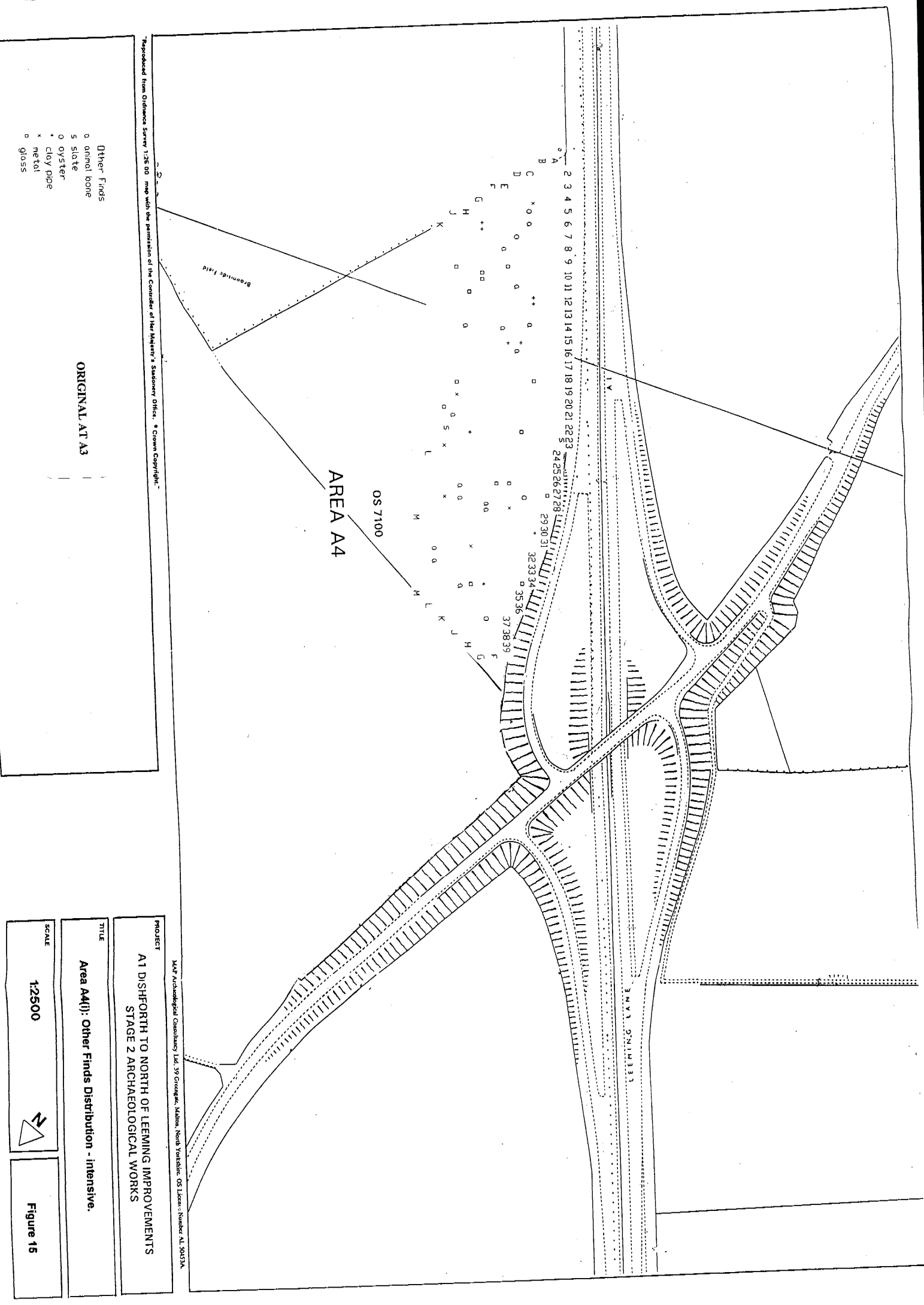
**PROJECT**  
A1 DISHFORTH TO NORTH OF LEEMING IMPROVEMENTS  
STAGE 2 ARCHAEOLOGICAL WORKS

**TITLE**  
Area A4(j): Flint Distribution - intensive.

**SCALE**  
1:2500



Figure 14



- Other Finds
- o animal bone
  - s slate
  - o oyster
  - + clay pipe
  - x metal
  - o glass

ORIGINAL AT A3

AREA A4

OS 7100

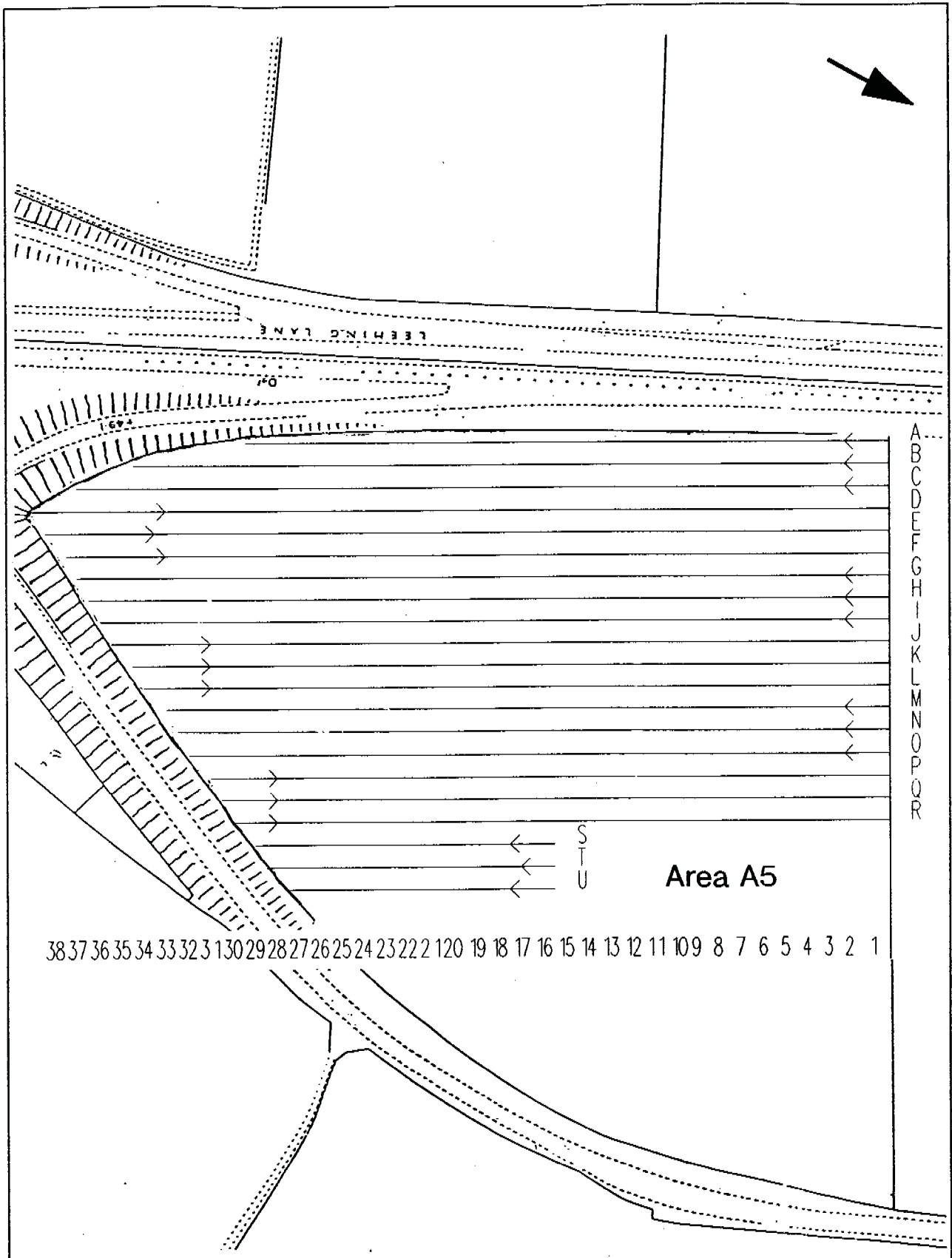
Map Archaeological Consultancy Ltd, 39 Creechlea, Nelson, North Yorkshire, OS License Number: AL 50433A

PROJECT  
A1 DISHFORTH TO NORTH OF LEEMING IMPROVEMENTS  
STAGE 2 ARCHAEOLOGICAL WORKS

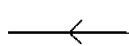
TITLE  
Area A4(): Other Finds Distribution - intensive.

SCALE  
1:2500

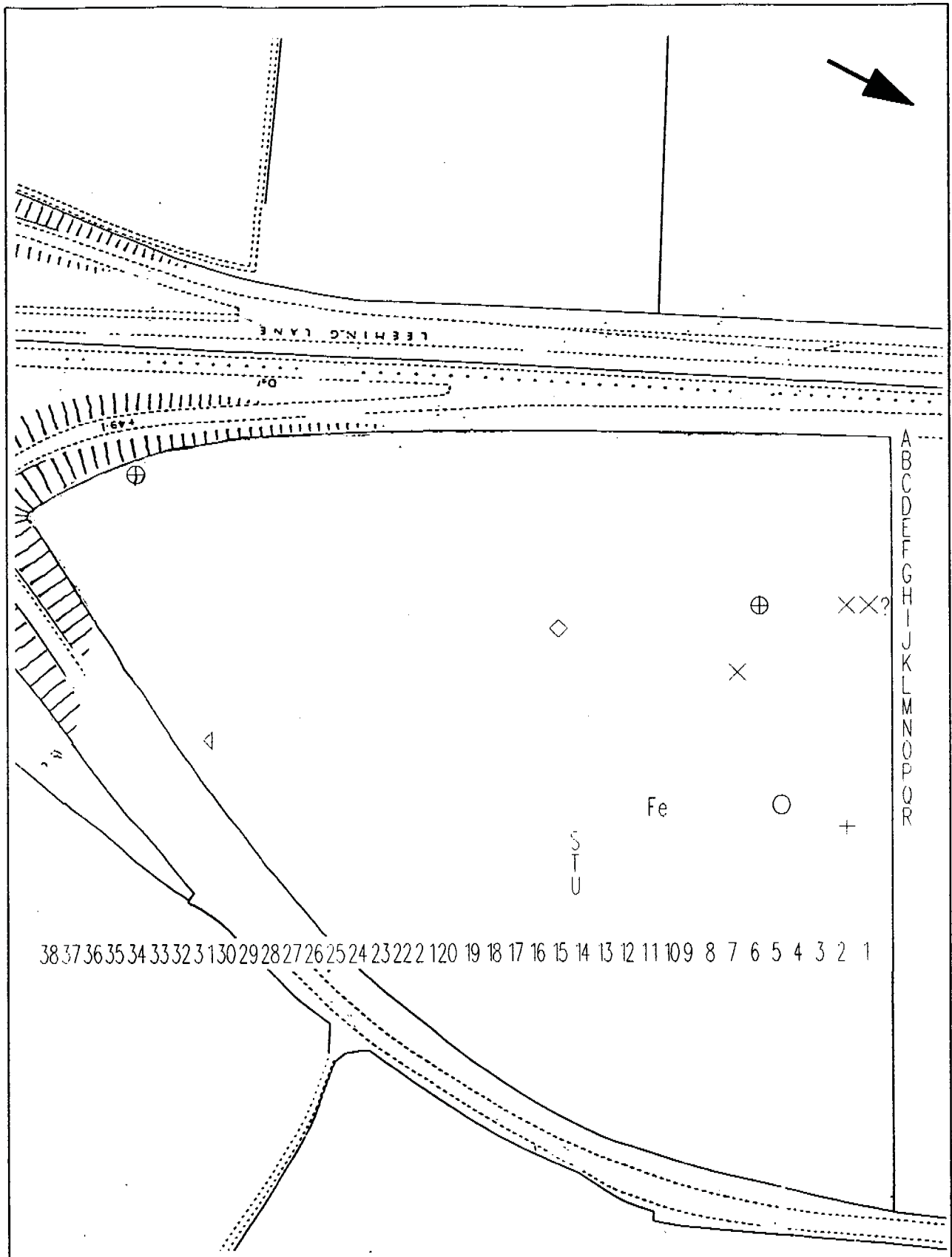
Figure 15



MAP Archaeological Consultancy Limited, 39 Greengate, Malton, North Yorkshire. O.S. Licence Number AL 50453A

 Direction of line walk	<b>A1 DISHFORTH TO NORTH OF LEEMING IMPROVEMENTS</b>	
	Title <b>Area A5: Location of Site Grid.</b>	
	Scale <b>1:2500</b>	Figure <b>16</b>

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<ul style="list-style-type: none"> <li>⊕ Roman pottery</li> <li>○ Medieval pottery</li> <li>× Post medieval pottery</li> <li>+ Modern pottery</li> <li>? Unidentified Pottery</li> <li>◇ Flint</li> <li>◁ Glass</li> <li>fe Iron</li> </ul>	<b>A1 DISHFORTH TO NORTH OF LEEMING IMPROVEMENTS</b>	
	<b>Title</b> <b>Area A5: Artefact Distribution.</b>	
	<b>Scale</b> <b>1:2500</b>	<b>Figure</b> <b>17</b>

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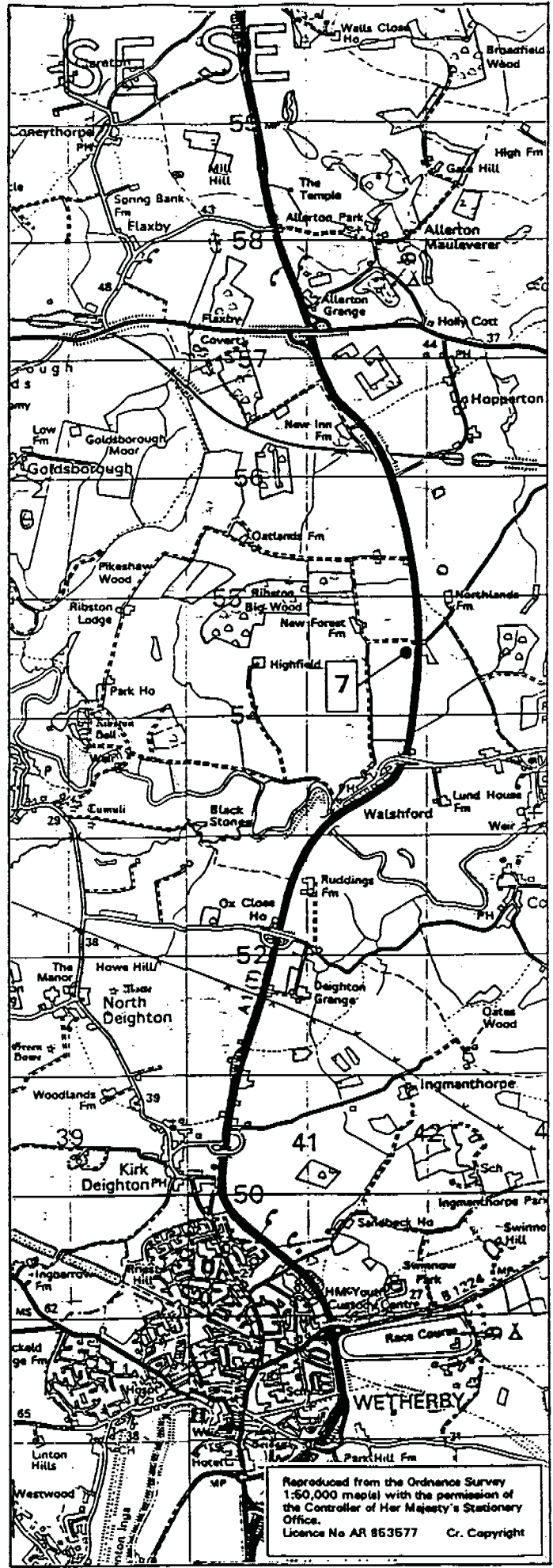
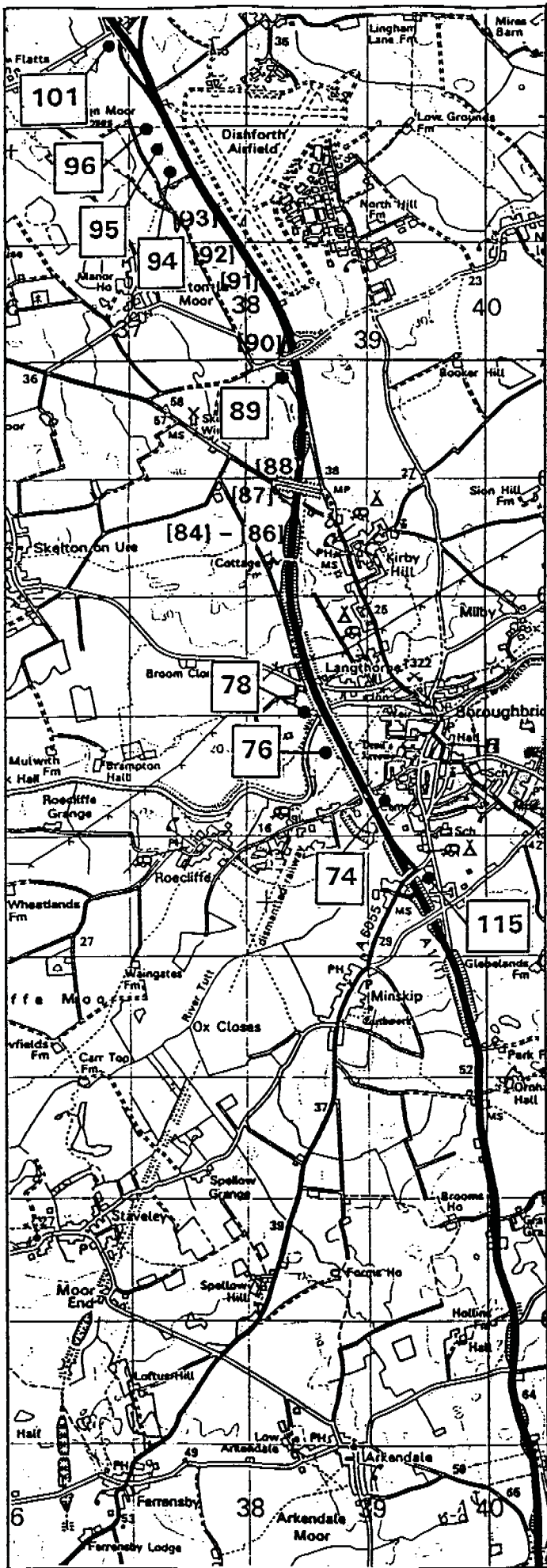


Figure 18  
 Walshford to Dishforth - Site Locations, Scale 1: 50000

**TABLES**

**TABLE 1**

**AREA A1**

**Initial Fieldwalking**

**Finds Distribution**

	A	B	C	D	E	F	G	H	I	J	K
1											
2											
3										B/T	
4	F		F								
5											
6											
7											
8									MD		
9						F					
10											
11											
12											
13								F			
14											
15	F										
16											
17										B/T	
18											
19									MD		
20						B/T					
21											
22											
23											
24											
25											
26											
27					B/T MD						
28											
29							PM				
30											
31					G						

**KEY**

F- Flint

B/T - Brick/Tile

G - Glass

**Pottery:**

PM - Post medieval

MD - Modern



**TABLE 3**

**AREA A3**

**Initial Fieldwalking**

**Finds Distribution**

13									
12									
11									
10	A	R					T		
9									
8	T	R	PM		BC				
7		R							
6	B								
5				R	PM			R	
4						MD	CP		
3		MD	G		T				
2			TC	G		F			TA
1		MD				T CP R	T		
	A	B	C	D	E	F	G	H	I

**KEY**

- B - Brick
- T - Tile
- F - Flint
- G - Glass
- CP - Clay pipe
- C - Coal
- A - Animal bone

**Pottery:**

- R - Roman
- M - Medieval
- PM - Post medieval
- MD - Modern

TABLE 4

AREA A4i

Initial Fieldwalking  
Finds Distribution

O	N	M	L	K	J	I	H	G	F	E	D	C	B	A		
															1	
															2	
															3	
										B					4	
									T			FC			5	
									MD						6	
									F						7	
									F						8	
															9	
									T						10	
									PM						10	
															11	
								F		F					11	
										F				R	12	
									F						13	
															14	
									F						15	
														G	16	
										G			PM		17	
										R				M	18	
															19	
															20	
									F						20	
									PM						20	
													F		21	
															22	
									F						22	
									B			MD		F	23	
									F			G			24	
															25	
									B		PM		F	B/T	B	25
														R	M	25
																26
																26
																27
																27
																28
																28
																29
																29
																30
																30
																31
																31
																32
																32
																33
																33
																34
																34
																35
																35
																36
																36
																37
																37
																38
																38
																39
																39
																40
																40
																41
																41

KEY:

- B - Brick
- T - Tile
- C - Coal
- CP - Clay pipe
- G - Glass
- F - Flint

Pottery:

- R - Roman
- M - Medieval
- PM - Post medieval
- MD - Modern

TABLE 5  
AREA A4(ii)

Initial Fieldwalking  
Finds Distribution

	-5	-4	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24			
A																																
B									B	B																						
C																																
D					Pm																											
E																																
F																																
G																																
H													F																			
I																																
J																																
K																																
L																																
M																																

KEY:

- B - Brick
- T - Tile
- G - Glass
- F - Flint
- CP - Clay pipe

Pottery:

- R - Roman
- M - Medieval
- PM - Post medieval
- MD - Modern

TABLE 6

AREA A4

Intensive Fieldwalking  
General Finds Distribution

M	L	K	J	H	G	F	E	D	C	B	A	
												2
								MD F	B	F		3
								MD	PM B Fe			4
									B O	B		5
		B	B	MD F CP				B F	B A		MD	6
B	F	B						MD F O	PM B			7
B	B F	B		B	MD B A	MD	B	B	B			8
M B	MD G	PM F		M MD	PM F G	B	B	B	B			9
	MD B	MD F	G	B				MD	F	B		10
MD	B	B F G						MD A	B	B		11
	B	B	B F	B	MD	PM	CP	B				12
B F	B			B				B	B	B		13
MD	B	F A		B	A	PM F	B F A	B				14
B	B	B	MD F		PM CP	B CP	B F	MD B				15
B	B					A	B	B F				16
		M MD B		B	PM F	PM B	B					17
	G	B			PM B	PM	B G	B				18
	B Fc	B			M B	PM MD	MD B	B	MD			19
MD G		B		B	B	PM B	B					20
B	B A	B	MD		B	PM MD B	PM B	MD B				21
S		B CP				PM G	MD B F			F		22
B Fe	B	B			PM MD B	B		MD B	M S			23
		B	F	B		MD	B					24
	B	PM MD	B		B		B		B			25
MD		B F A	B		PM B G	G	MD	B				26
	PM B Fe	M B A	B		B		PM O	PM B	G			27
B F		B	B	A	M B	B Fe		MD				28
	B	PM F			MD		B	B				29
MD B		MD	B	F	B	MD		B CP				30
F	B	B A	B	MD B Cu	F O	MD B		B F	B			31
MD F	B F	MD B A	B	B								32
		B	M B F	F	PM B		B					33
MD	B	MD B A	B G	MD F CP	B	B F	B G					34
	B	MD B	PM B F	MD								35
MD B	MD		M	B								36
		MD B F										37
		B	MD									38
			PM	PM								39

KEY  
Finds

- A - Animal Bone
- B - Brick and Tile
- CP - Clay Pipe
- Cu - Copper Alloy Object
- F - Flint
- Fe - Ferrous Object
- G - Glass
- O - Oyster
- S - Slate

Pottery

- M - Medieval
- PM - Post-medieval
- MD - Modern

ORIGINAL AT A3



**TABLE 7**

**AREA A4**

**Intensive Fieldwalking  
Medieval Pottery Distribution**

M	L	K	J	H	G	F	E	D	C	B	A	
												2
												3
												4
												5
												6
												7
												8
												9
												10
												11
												12
												13
												14
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												28
												29
												30
												31
												32
												33
												34
												35
												36
												37
												38
												39

ORIGINAL AT A3

TABLE 8

AREA A4

Intensive Fieldwalking  
Post Medieval Pottery Distribution

M	L	K	J	H	G	F	E	D	C	B	A	
												2
												3
									1			4
												5
												6
									1			7
												8
			1				1					9
												10
												11
								1				12
									1			13
								1				14
							1					15
								1	1			16
							1	3				17
								2				18
								1				19
								1	2			20
								1				21
								1				22
							1					23
												24
			1									25
						1						26
		1						1	1			27
												28
			1									29
												30
												31
												32
							1					33
												34
				1								35
												36
												37
												38
						1	1					39

ORIGINAL AT A3

**TABLE 9**

**AREA A4**

Intensive Fieldwalking  
Modern Pottery Distribution

M	L	K	J	H	G	F	E	D	C	B	A	
												2
								1				3
								1				4
												5
				1							2	6
								1				7
							2	1				8
	1				1							9
	1	1						1				10
1								1				11
							2					12
												13
1												14
					1					1		15
												16
			1									17
									1	1	1	18
												19
2												20
					1			1		1		21
									1			22
								1		1		23
									1			24
			1									25
1									1			26
												27
										1		28
						1						29
1		1					3					30
				1		1						31
1		1										32
												33
1			1		1							34
			1		1							35
			2	2								36
				1								37
					1							38
												39

**TABLE 10**

**AREA A4**

Intensive Fieldwalking  
Brick and Tile Distribution

M	L	K	J	H	G	F	E	D	C	B	A	
												2
									0.002kg			3
									0.005kg			4
									0.025kg	0.05kg		5
			0.001kg	0.01kg					0.015kg	0.06kg		6
		0.001kg		0.01kg						0.02kg		7
	0.1kg	0.01kg	0.2kg			0.005kg	0.001kg			0.001kg	0.005kg	8
	0.04kg								0.002kg	0.001kg	0.01kg	9
		0.005kg				0.55kg					0.005kg	10
		0.001kg	0.01kg							0.001kg	0.005kg	11
	0.01kg	0.005kg	0.15kg	0.01kg	0.01kg						0.002kg	12
	0.05kg	0.001kg				0.25kg			0.002kg	0.001kg	0.01kg	13
		0.005kg				0.01kg				0.002kg	0.035kg	14
	0.1kg	0.005kg	0.01kg						0.005kg	0.001kg	0.02kg	15
	0.15kg	0.001kg								0.005kg	0.001kg	16
			0.001kg			0.005kg			0.001kg	0.001kg		17
			0.001kg				0.001kg			0.05kg	0.005kg	18
		0.001kg	0.01kg					0.002kg		0.02kg	0.01kg	19
			0.001kg			0.001kg	0.015kg	0.001kg	0.06kg			20
	0.002kg	0.005kg	0.005kg				0.005kg	0.04kg	0.005kg	0.005kg		21
			0.01kg				0.001kg			0.07kg		22
	0.1kg	0.005kg	0.05kg						0.002kg		0.25kg	23
			0.001kg			0.001kg			0.001kg			24
		0.001kg		0.001kg		0.01kg			0.001kg		0.01kg	25
			0.07kg	0.01kg		0.1kg				0.001kg		26
		0.03kg	0.05kg	0.15kg		0.001kg				0.001kg		27
	0.01kg		0.05kg	0.001kg		0.005kg	0.005kg					28
		0.002kg		0.1kg					0.005kg	0.005kg		29
	0.005kg					0.15kg				0.05kg		30
	0.1kg	0.01kg	0.35kg	0.005kg		0.1kg			0.001kg	0.001kg		31
	0.005kg	0.005kg	0.1kg	0.005kg								32
			0.005kg	0.001kg		0.1kg			0.01kg			33
			0.02kg	0.1kg		0.01kg	0.02kg	0.002kg				34
	0.005kg	0.01kg	0.005kg	0.01kg								35
		0.005kg				0.02kg						36
			0.01kg									37
			0.005kg									38
												39

**TABLE 11**

**AREA A4**

**Intensive Fieldwalking  
Flint Distribution**

M	L	K	J	H	G	F	E	D	C	B	A	
												2
								T		C		3
												4
												5
								T				6
								F				7
												8
												9
												10
												11
												12
												13
												14
												15
												16
												17
												18
												19
												20
												21
												22
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												28
												29
												30
												31
												32
												33
												34
												35
												36
												37
												38
												39

**Key**

- F - Flake
- T - Tool
- C - Core
- ?F - Possible Flake
- ?T - Possible Core

TABLE 12

AREA 5

Initial Fieldwalking

Finds Distribution

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1								PM													
2								U													
3								PM													MD
4																					
5																		M			
6								R													
7											PM										
8																					
9																					
10																					
11																		Fe			
12																					
13																					
14																					
15									F												
16																					
17																					
18																					
19																					
20																					
21																		PM			
22																					
23																					
24																					
25																					
26																					
27																					
28																					
29																					
30																					
31															G						
32																					
33																					
34		R																			
35																					
36																					
37																					
38																					

KEY

F - Flint  
 Fe - Iron  
 G - Glass

Pottery:

R - Roman  
 M - Medieval  
 PM - Post medieval  
 MD - Modern  
 U - Unidentified