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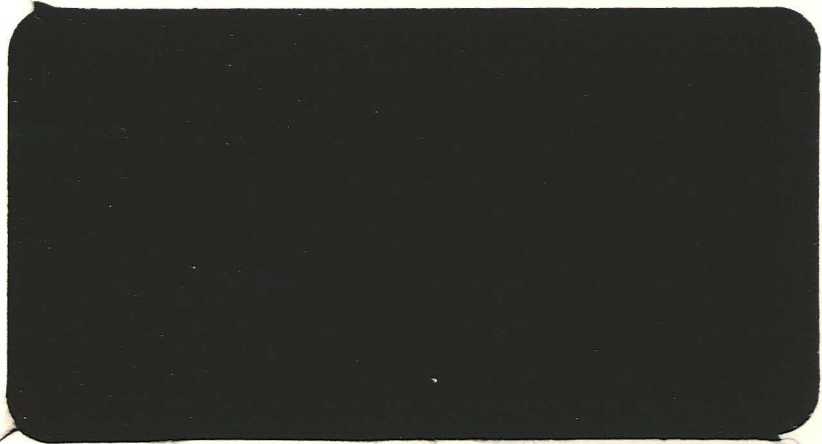
**RECONNAISSANCE PROGRAMME**  
**SILK WILLOUGHBY TO STAYTHORPE**  
**GAS PIPELINE**

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**PHASE 2 - SURVEY (LINCOLNSHIRE)**  
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Lincolnshire County Council  
Archaeology Section



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### RECONNAISSANCE PROGRAMME

### SILK WILLOUGHBY TO STAYTHORPE

### GAS PIPELINE

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### REPORT

March 2000

On behalf of:

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## Summary

This reconnaissance programme forms the second phase of an archaeological project designed to locate, assess and evaluate any archaeological remains within the development area of the proposed Silk Willoughby to Staythorpe gas pipeline. The aim of the project is to assist BG Transco in the selection of a pipeline route which causes the minimum amount of damage to the archaeological resource and to formulate an effective archaeological mitigation strategy for the construction programme.

The reconnaissance programme has been undertaken in accordance with the Transco Brief for fieldwalking survey, reconnaissance survey and geophysical survey (Phase II), the Lincolnshire County Council Archaeological Handbook, and the Institute of Field Archaeologists Code of Conduct, standards and guidance.

The reconnaissance programme was carried out in two stages: Stage 1 consisted of a walkover survey followed by fieldwalking, magnetic susceptibility and magnetometer scanning surveys over recently ploughed fields and intensive magnetometer line survey over unploughed areas; Stage 2 was comprised of detailed area magnetometer survey over areas of archaeological potential defined by the Stage 1 survey.

On completion of the Stage 2 survey, fields which were traversed by the pipeline route were categorised according to their perceived archaeological potential. Fourteen fields were graded as Category A areas as they appeared to contain potentially highly significant archaeological sites. The results of a detailed hand auger and borehole survey were also assessed. Alluvial deposits which potentially conceal archaeological remains from detection by non-invasive investigation were found to cover c.28% of the pipeline route. Category A, B and alluvial areas are shown on the attached Archaeological Constraint Maps.

Further fieldwork phases of this project may include invasive evaluation (Phase 3), area excavation of archaeological sites (Phase 4), and watching brief during construction (Phase 5).

## Acknowledgements

Field Archaeology Specialists gratefully acknowledge the support and help provided by BG Transco, RSK Environment and Nottinghamshire and Lincolnshire County Council Archaeology Sections. We are also grateful for the assistance provided by Alan Vince, Barbara Precious, Sandra Garside-Neville and Tania Dickinson during the production of this report.



## 1.0 INTRODUCTION

This report presents the results of a reconnaissance programme undertaken by Field Archaeology Specialists (FAS) for RSK Environment acting on behalf of BG Transco. This reconnaissance programme (Phase 2 - Survey) was carried out along the route of a proposed gas pipeline between Silk Willoughby, Sleaford (Lincolnshire) and Staythorpe Power Station, Newark (Nottinghamshire).

### 1.1 LOCATION AND LAND USE

From the start of the pipeline at Silk Willoughby AGI (NGR TF 0845 4367) the route runs westwards between the villages of Silk Willoughby and Quarrington crossing the valley of the river Slea and the north side of the Ancaster Gap towards Normanton (Fig.1). From Normanton the route passes Hough-on-the-Hill and crosses the main east coast railway line. It continues past Dry Doddington, crosses the River Witham and the Great North Road, and passes through Bennington Fen before it reaches Cotham. From here the route changes to a northwesterly direction heading towards the River Trent. Beyond the village of Cotham it crosses the River Devon and continues past the village of Thorpe before reaching the Fosse Way and shortly the River Trent. The route changes direction again at the River Trent and runs north, before terminating at Staythorpe Power Station (NGR SK 7638 5326).

The pipeline covered a total distance of 38.48km, traversing 130 fields and 21 road crossings (RDX) but this excluded an additional length of 1.36km which followed an alternative route set out to bypass a Point-to Point Course (SK 7800 4880) near the village of Thorpe (Field105A, Field 106A, Field 107A and Field 110A). **Fields 1 to 97 lie within the county of Lincolnshire** while Fields 98 to 130 lie within the county of Nottinghamshire.

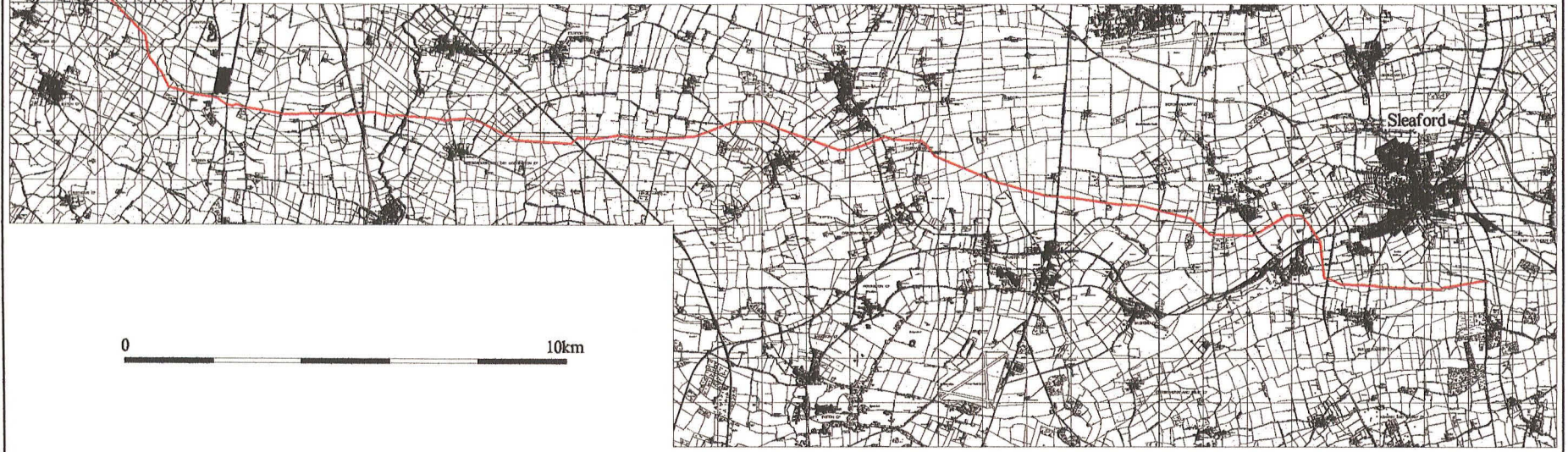
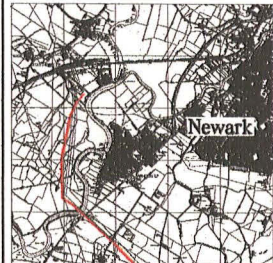
Along the route of the pipeline the land is generally low-lying, situated between the 10-50m contour. The topography is characterised by broad, flat, shallow river valleys separated by undulating higher ground. Many of the villages along the route are situated on the higher ground. The highest point on the route, at 110m AOD, is reached on the Lincolnshire Edge escarpment at Normanton Hill.

The geology consists of both Superficial and Solid Deposits which include alluvium and river sands and gravels, clays and mudstones, sand and limestone. Consequently, much of the route is covered with calcareous clay soils which are well drained, fertile and suitable for cereal cultivation, although locally liable to seasonal waterlogging. The lighter sandier soils also support root crops and other vegetable crop cultivation. Very shallow soils cover the limestone bedrock, particularly in one area between South Rauceby and Normanton.

### 1.2 SURVEY STRATEGY

The reconnaissance survey forms part of a structured programme of investigation designed to locate and investigate archaeological sites along the route of the pipeline with the aim of providing an adequate archaeological mitigation strategy for the construction programme (Table 1).





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Location of the pipeline route



Figure 1

Table 1 Phases of Archaeological Investigation

	Procedure	Purpose	Coverage
<b>Phase 1</b>	<b>(Review)</b>		
	Desk-Based Assessment	locate archaeological sites or find spots from public records or archive sources (eg. SMR, NMR, RCHME, CUCAP)	pipeline corridor 1km wide
<b>Phase 2</b>	<b>(Reconnaissance)</b>		
Stage 1	Walkover survey (Intervention 1)	identify and report on the condition of earthworks, describe field conditions	pipeline route, field width
	Fieldwalking (Intervention 2)	recover finds distributions and identify areas of archaeological interest	pipeline route, 40m corridor
	Magnetic Susceptibility survey (Intervention 3)	locate areas of archaeological potential	pipeline route, 40m corridor
	Magnetometer scanning (Intervention 4)	locate areas of archaeological potential	pipeline route, 40m wide corridor
	Magnetometer line survey (Intervention 5)	locate areas of archaeological potential	pipeline route, 15m wide corridor
Stage 2	Magnetometer area survey (Intervention 6)	to define the extent of, and broadly characterise areas of archaeological potential	pipeline route, 30m wide areas based along centreline
<b>Phase 3</b>	<b>(Pre-construction evaluation)</b>		
	Topographic survey	map shape and extent of earthwork features	pipeline route in selected fields determined by Int.1
	Evaluation trenches	evaluate and characterise areas of archaeological potential identified at Phase 2	pipeline route, trenches located over areas of archaeological potential within 30m wide corridor
		evaluate areas of poor visibility identified by auger survey (eg. spreads of alluvium)	pipeline route, trenches at intervals within 30m wide corridor
<b>Phase 4</b>	<b>(Pre-construction mitigation)</b>		
	Area excavation	excavate and record significant archaeological sites prior to construction	pipeline route, within 30m corridor
<b>Phase 5</b>	<b>(Watching Brief)</b>		
	Sample excavation	excavate and record archaeological remains identified during topsoil stripping and pipe trench excavation	pipeline route, within 30m corridor
<b>Phase 6</b>	<b>(Post excavation assessment and archive preparation)</b>		
<b>Phase 7</b>	<b>(Synthesis and dissemination)</b>		



The Phase 2 survey work has been undertaken in accordance with the BG Transco General Purpose Brief for Reconnaissance Survey prepared by Network Archaeology Ltd (May 1999). The Specification for the reconnaissance programme prepared by FAS (October 1999) has been approved by Lincolnshire and Nottinghamshire County Council.

The reconnaissance programme (Phase 2) was designed to locate and broadly characterise areas of archaeological potential along the proposed pipeline route using non-invasive techniques. The reconnaissance programme has been undertaken in two stages.

Stage 1 consisted of five surveys (Table 2): Walkover survey (Int.1, all fields), fieldwalking survey (Int.2, ploughed fields only), magnetic susceptibility survey (Int.3, ploughed fields only), magnetometer scanning (Int.4, ploughed fields only) and intensive magnetometer line survey (Int.5, unploughed fields only). The objective of the Stage 1 surveys was to identify areas of archaeological potential along the proposed pipeline route. These areas would then be subject to more detailed investigation by magnetometer area survey (Int.6) during Stage 2 in order to characterise and define the extent of these possible archaeological sites.

Table 2 List of archaeological interventions

Intervention	Activity	Originator	Date
1	Walk-over survey	AJ Copp	Oct 1999
2	Fieldwalking	AJ Copp	Oct 1999
3	Magnetic susceptibility survey	G Signorelli	Nov 1999
4	Magnetometer scanning	H Fulford	Nov 1999
5	Magnetometer line survey	T Simpson	Nov 1999
6	Magnetometer area survey	T Simpson	Dec 1999-Jan 2000

### 1.3 BACKGROUND INFORMATION

Sources of information consulted at Phase 2 include:

- i. the Archaeological Desk-Based Assessment Report and constraint maps prepared by Network Archaeology Ltd. (Phase 1, Report No.132, April 1999). This was supplemented with additional notes on cropmarks provided by BG Transco from Network Archaeology Ltd.
- ii. extracts from the geological/geomorphological ground risk assessment study (Weeks) which included geology and soil maps.
- iii. strip maps at a scale of 1:2500 and 1:10,000 provided by BG Transco identifying the current pipeline route.

## 2.0 REVIEW OF ARCHAEOLOGICAL POTENTIAL

The results of the Desk Based Assessment identified areas of varying archaeological potential along the proposed pipeline route, although some lengths of the current route are now outside the Assessment study corridor. In some instances, however, the report does present information on sites from outside the corridor; Fields 45-53, Fields 67-79 and Fields 109-119. Sites identified during the Assessment were categorised (A-E) according to their perceived status.

### 2.1 LOW POTENTIAL AREAS

Although RDX1 crosses a Roman road (Mareham Lane, Cat.B), there is an absence of known archaeological remains between Fields 1 and 16. The only contact occurs in Field 11 where the pipeline crosses a linear feature (Cat.D), c.200m to the south of which are the remains of a prehistoric landscape including enclosures and a pit alignment (Cat.C). The geology maps report alluvial deposits from Field 2 to Field 4.

To the west of South Rauceby from Field 21 to Field 44 the archaeological remains consist of miscellaneous find spots of Roman and prehistoric date found near to the pipeline. The absence of evidence for more extensive activity may be due to a combination of local geological factors, very thin soils and the predominance of pasture along this segment. RDX8, after Field 36, traverses Ermine Street Roman Road, (Cat.B).

North of Hough-on -the-Hill, between Fields 54 and 67, the pipeline crosses fields where parcels of ridge and furrow earthworks have been ploughed out (eg. Field 54).

Further areas of ridge and furrow earthworks also appear north of Dry Doddington between Fields 80 and 85, but in an area of low potential from Field 80 to Field 90. Alluvial deposits survive from Field 88 on the flood plain of the River Witham.

Alluvial deposits also cover extensive areas of Bennington Fen between Fields 94 and 100. Scattered cropmarks and one find spot are offset from the route of the pipeline.

From Field 103 to Field 108 the pipeline traverses the valley of the River Devon crossing a linear cropmark (Cat.D) in Field 107. The alternative route, set out to by-pass the Point-to-Point Course, passes near an area of higher potential represented by local find spots and a cropmark (Cat.C) at the end of Field 107A. Alluvial deposits from the flood plain of the River Devon cover this area.

Field 120 to Field 130 is also covered by alluvial deposits from the flood plain of the River Trent. No archaeological remains are reported along the pipeline, although it passes close to a higher category settlement site in Field 124 (Cat.B).



## 2.2 HIGHER POTENTIAL AREAS

Near South Rauceby the pipeline bisects two cropmark clusters which represent a possible ritual landscape (barrows and pit alignment) between Fields 17 and 20. Nearby spot finds suggest a prehistoric date for this activity.

A concentration of cropmark sites to the north of the pipeline route near the villages of Brandon and Stubton, between Fields 67 and 79 suggest increased potential in an area outside the study corridor. The pipeline crosses an extensive cropmark in Field 75 (Cat.C).

A cluster of archaeological remains lies adjacent to RDX16, the Great North Road. Apart from the Roman Road (Cat. C), cropmarks are present near the route in Fields 91 and 93 (Cat.C and Cat.B respectively) with Anglo-Saxon find spots nearby.

North of the village of Cotham from Field 101 to Field 102 ridge and furrow type earthworks have been flattened. However the pipeline crosses cropmarks of linear and circular features in Field 101, (Cat.C), and linear and enclosure features in Field 102 (Cat.C and D).

The final area of high potential is centred on RDX21, the Fosse Way. Apart from the Roman Road (Cat.B) the principle focus appears to be the nearby Roman fort of *Ad Pontem*. The pipeline crosses cropmarks of linear features and enclosures in Fields 118 and 119 (Cat.C).

## 3.0 RECONNAISSANCE PROGRAMME - STAGE 1

Each survey was started at the Silk Willoughby AGI and progressed in a westerly direction towards Staythorpe Power Station (positive direction). Fields crossed by the pipeline were numbered sequentially from the AGI and are shown on the constraint maps.

### 3.1 STAGE 1 FIELDWORK PROCEDURE

Out of a total distance of 39.84km available for survey approximately 3.91km consisted of road, rail and river crossings, streams, drains and hedgerows, but it also included a number of fields where, for various reasons, Stage 1 survey work was not undertaken (Table 3).

The area available for line survey in Field 27 was too narrow and also contained a mature sugar beet crop and could not therefore be fieldwalked; Field 50, Field 57 and Field 58 were under pasture but had previously been quarried and the ground level made up; Field 120 was thoroughly disturbed and had been covered by a spread of gravel and farmyard manure; and Field 130 at the Staythorpe Power Station had been subject to significant ground disturbance and reinstatement.

Only limited access was gained for fieldwork between Field 8 and 13 because of game shooting.

Table 3 Stage 1 survey coverage

Type of survey	Distance	Proportion of total length (39.84km)
Walkover survey (Int.1)	39.84km	100.00%
Fieldwalking (Int.2)	26.41km	66.29%
MS survey and Magnetometer scanning (Int.3, Int.4)	26.41km	66.29%
Magnetometer Line survey (Int.5)	9.52km	23.90%
Not available	3.91km	9.81%

The centreline of the proposed pipeline route had been set out with markers at field boundaries by BG Transco prior to the start of the reconnaissance programme. These markers were used as the baseline from which survey traverses were set out for the fieldwalking and geophysical surveys of Stage 1.

### 3.1.1 Walk Over Survey (Int.1)

The walkover survey was carried out along the entire route of the pipeline covering a total of 130 fields. The object of this survey was to identify and describe any upstanding archaeological remains (eg. earthwork features) and to record ground conditions and other factors which may influence the results of other surveys along the route.

### 3.1.2 Fieldwalking (Int.2)

Reconnaissance fieldwalking was carried out within a 40m wide survey corridor based on the centreline of the pipeline route. Five fieldwalking lanes were laid out (A-E), one along the centreline (C) and two offset either side at 10m and 20m intervals. All finds collected were bagged and identified by field, lane and stint number. Each stint consisted of a 10m block along the pipeline measured from the start of each field.

Only arable fields were fieldwalked, but in some cases this was not possible since either the crop had already matured or long stubble from the summer harvest obscured the ground surface.

The majority of the arable fields had been ploughed after the summer harvest and were in reasonably good condition having been ploughed, rolled and drilled, often with winter grass or root crops. Fields were classified A-E according to the visibility and condition of the ground surface, those in ideal condition being classified as A (ploughed, weathered and not obscured), those with the poorest visibility classified as E (Table 4).

Throughout the length of the pipeline route the margins of some arable fields were surrounded by strips of pasture. These strips were up to 50m wide and reduced the available survey area (eg. Fields 68, 70 and 73).



Table 4 Classification of field conditions, Int.2

Visibility	Total number	Percentage (%)
A	8	9.9
B	24	29.6
C	21	25.9
D	18	22.2
E	10	12.4

### 3.1.3 Magnetic Susceptibility (Int.3)

The magnetic susceptibility survey was only undertaken in areas where fieldwalking had proved to be feasible. This survey was undertaken using a Bartington Magnetic Susceptibility meter (Model MS2) fitted with a probe array (Type MS2D). Five parallel traverses were laid out at 10m intervals based on the centreline using non-magnetic survey guidelines. Magnetic susceptibility readings were taken at 10m intervals along each of the traverses. Readings were recorded on proforma record sheets.

### 3.1.4 Magnetometer Scanning (Int.4)

This survey was only undertaken in areas where fieldwalking had proved to be feasible. Magnetometer scanning was undertaken using Geoscan fluxgate gradiometers (FM36). Five parallel traverses were laid out at 10m intervals based on the centreline using non-magnetic survey guidelines. Scanning was undertaken along each of these traverses with magnetic anomalies being categorised according to type and strength on proforma record sheets.

### 3.1.5 Magnetometer Line Survey (Int.5)

The intensive magnetometer line survey was only carried out in fields which were considered to be in an unsuitable condition for fieldwalking (ie. pasture and cropped arable fields). This included survey of the revised pipeline route which crossed the Point-to-Point Course, Field 105 to Field 110, but excluded fields where recent mineral extraction had occurred, Fields 50, 57 and 58.

The survey was undertaken using Geoscan fluxgate gradiometers (FM36) fitted with sample triggers (ST1). Readings were logged at 0.5m intervals along fifteen parallel 50m traverses set out at 1m intervals based on the centreline. The traverses were surveyed using the zig-zag traverse method with instruments being balanced and aligned prior to the survey of each 50m block of traverses.

The resulting data was transferred from the survey instruments to portable computers where it was checked for survey defects. The raw data was processed using Geoplot (version 2.02) software.

## 3.2 STAGE 1 FIELDWORK RESULTS

### 3.2.1 Walkover Survey (Int.1)

Ninety-seven fields, or 74.6% of the pipeline route, were under arable cultivation while pasture accounted for 30 fields or 23.1% of the route. There were also two fields classified as rough meadow, Fields 119 and 130. Field 120 was identified as an area of hardstanding covered by a spread of gravel used as a car park by the local angling club.

A total of five fields contained earthworks, all of which were located in pasture. In Field 49 the earthwork was situated on a steeply sloping scarp below the limestone ridge of Normanton Hill. All the other earthworks cluster together near the village of Dry Doddington between Fields 79 and 81 and in Field 85.

All the earthworks represented ridge and furrow agricultural systems. In Field 49 the condition of the earthworks was poor, the low irregular banks and small areas of terracing disturbed by soil creep and puddled by cattle stocked in the field. In contrast, the remains of earthworks at Dry Doddington were well preserved and locally quite pronounced (eg. Fields 80 and 81). Only in Field 79 were the remains outside the corridor of the pipeline, elsewhere the earthworks covered the entire area of the field. Ridge and furrow earthworks identified in other fields by the Desk Based Assessment have been destroyed since the compilation of the records (eg. Fields 54, 82 and 102).

Areas of ironstone extraction identified on the Geological/Geomorphological report maps were identified on the ground (Fields 50-52, the positive end of Fields 55 and 56 and Fields 57-58). Depressions resulting from mineral extraction were bounded by higher terraces where the strata remained intact. This resource is no longer exploited and the ground has been backfilled and returned to agricultural use. It is assumed that these areas have no archaeological potential.

### 3.2.2 Fieldwalking (Int.2)

A small mixed assemblage of 984 finds was recovered from field walking (see Appendix D). Specialist assessment reports were prepared for the main material types (see Appendices F-H). The assemblage dates from the prehistoric to the post-medieval period and consists of bone, metalwork, glass, flint and ceramic material. A summary of the assemblage from fields which contained a significant distribution of material is given below (Table 5).

Table 5 Summary of field walking finds.

Field	Assemblage
1	2 sherds of Roman pottery (Stint 13 and 24) and a knife (corrosion product), probably a handle; a scatter of late medieval pottery from manuring.



Field	Assemblage
11	Scatter of prehistoric flint (7); some late medieval pottery and post-medieval pottery and tile, probably from manuring.
13	Scatter of prehistoric flint (6); a small quantity of late medieval pottery (2).
18*	Concentration of prehistoric flintwork (including waste flakes, blades, cores and tools). Little other material recovered.
19*	Concentration of prehistoric flintwork (including waste flakes and tools). Little other material recovered.
20*	Scatter of prehistoric flintwork along the length of the field (including waste flakes/blades, cores and tools). 2 sherds of Roman pottery (Stint 28 and 44). Little other material recovered.
31	Some prehistoric flintwork (4) scattered along the field; one sherd of Roman pottery (Stint 48)
37*	Small group of Roman pottery (3) at the end of the field; a scatter of prehistoric flintwork (9), (waste flakes, cores and tools).
38*	Small group of Roman pottery (4) at the end of the field; some prehistoric flintwork at the beginning of the field (Stints 2-10), (waste flakes and tools); a scatter of post-medieval pottery and tile.
39	Varied assemblage, but no clusters of material. Includes flintwork (7), Iron Age - Romano-British pottery (3 sherds Stint 9, 11 and 24) and some post-medieval pottery and tile.
45*	27 finds of Roman or possibly Roman pottery in four clusters centred on Stint 10, 30, 54 and 66; a scatter of flintwork; medieval and post-medieval pottery and tile throughout the field.
49	Scatter of flintwork (5); some medieval pottery (3) and post-medieval pottery throughout the field. One glass bead of possible 9th century date (Stint 39).
51	Topsoil re-deposited over former open-cast mine working. Scatter of flintwork (6); one Roman sherd (Stint 11).
52	Topsoil re-deposited over former open-cast mine working. Assemblage included some flintwork (3) and some post-medieval pottery.
54*	Nine finds of Roman pottery in 2 clusters, at Stint 10 and 24; scatter of flintwork, medieval and post-medieval pottery and tile.
55	Scatter of finds, includes flint and ceramic material, one Roman sherd (Stint 3). End of field covered with topsoil re-deposited over former open cast mine workings.
56	Scatter of flintwork (3) and late medieval pottery. End of field covered with topsoil re-deposited over former open cast-mine workings.
59	No clusters of material, but a general finds scatter of post medieval pottery, and includes 3 sherds of Roman pottery.
76	No clusters of material, general finds scatter of post medieval pottery, but includes one find of Roman date (Stint 33).
87	Contained only ceramic material; some medieval, late medieval and post medieval pottery, 2 finds of Roman pottery (Stint 6, 37).
93	Scatter of flintwork (5), post medieval pottery, brick and tile, 2 finds of Roman pottery (Stint 9, 26).
95	2 finds of Roman pottery (Stint 30, 36); some post medieval pottery.
96	2 finds of Roman pottery (Stint 2, 5).
99	Scatter of flintwork (4) and post medieval pottery, one sherd of Roman pottery (Stint 12).



Field	Assemblage
100	Scatter of flintwork (2), late and post medieval pottery, 2 finds of Roman pottery (Stint 26, 39).
101	Scatter of flintwork (3); some medieval, late medieval and post medieval pottery and tile, 2 finds of Roman pottery (Stint 4, 25).
107A	Small varied collection which included one possible Roman sherd of pottery (Stint 21).
110A	Scatter of flintwork which included flakes, cores and tools, post medieval pottery and tile, one sherd of Roman pottery (Stint 26).
111	Small, varied collection includes flintwork (4), medieval and post medieval pottery and tile, 2 sherds of Roman pottery (Stint 10, 14).
112*	4 finds of Roman date, a scatter of flintwork (2) and medieval pottery.
113	Scatter of ceramic material which includes medieval and post medieval pottery, 2 finds of Roman pottery (Stint 3, 17) and one flint core.
114	Scatter of post medieval pottery and brick, one sherd of Roman pottery (Stint 11), one flint core.
115	One sherd of late medieval pottery, a scatter of post medieval pottery and tile, and some flintwork (8).
116	One sherd of Roman pottery (Stint 8)

\* Selected material from Int.2 is presented on distribution maps (Appendix E).

### *Prehistoric*

No definite sherds of prehistoric pottery were recognised, although some of the coarse handmade wares could be of Iron Age or Romano-British date. It is possible that the more fragile prehistoric pottery does not survive well in the heavy clay soils.

Flintwork for this period was scattered along the entire route with local concentrations of both tools and debitage in some fields. None of the flintwork is diagnostic of any specific period but spans a broad date range from the Neolithic to the Bronze Age.

### *Roman*

The earliest Roman pottery consists of six sherds of grog-tempered coarse wares. The majority of Romano-British sherds were mid-Roman (2<sup>nd</sup>-3<sup>rd</sup> century) grey wares. Nineteen late Roman sherds were found (3<sup>rd</sup>-4<sup>th</sup> century) including Nene Valley fine wares and a sherd of Much Hadham mortaria. This material occurred as single sherds or at most two together and could therefore represent no more than manure scatters. A few fragments of brick and tile might be Roman in date, although they were so abraded that identification was difficult. They were recovered from areas where no pottery was found.

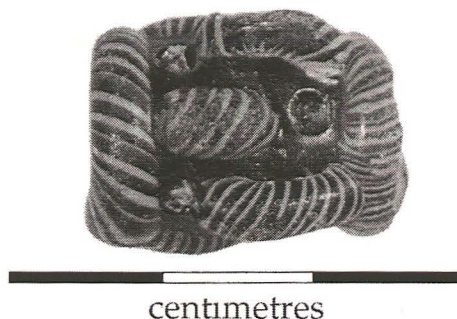
A composite object of wood and iron found in Field 1 (*Find No.320*, NGR TF 08327 43736) is thought to be the corroded remains of a Roman knife. The surviving part of the broken blade is c.85mm long, c.25mm wide, c.5mm thick on its blunt side, tapering to a sharp edge on the other side. On either side



of the blade is a piece of wood rivetted to it, flush with the blunt side edge and leaving c.12mm of the blade exposed.

### *Early Medieval*

No early to mid Anglo-Saxon pottery sherds were found despite the presence of known settlement sites and cemeteries nearby at Sleaford, Quarrington, Caythorpe and Hough-on-the-Hill. A large cylindrical turquoise glass bead with applied bichrome twisted rod of turquoise and opaque white was recovered from Field 49 (*Find No.429*, NGR SK 95082 46928). This significant find is likely to be of 9<sup>th</sup> century date, however, the possibility that it is in fact an Anglo-Saxon bead derived from a relatively high status burial should not be ignored.



### *Medieval*

The earliest post-Roman pottery consists of 11<sup>th</sup>-12<sup>th</sup> century types (eg. Stamford Ware). A greater quantity of 13<sup>th</sup>-14<sup>th</sup> century pottery is present but does not occur in any noticeable concentrations. Most sherds were abraded and therefore probably result from manuring.

Late medieval pottery includes both 'Pre-Midlands Purple' and Bourne ware. Their distribution along the pipeline was mutually exclusive reflecting the boundary between contemporary markets for these wares. Consequently, in fields at the eastern end of the pipeline Bourne D wares predominate, whilst at the Newark end Midlands Purple was found.

### *Post-Medieval*

Post-medieval wares (later 16<sup>th</sup>-18<sup>th</sup> century) were more diffusely distributed along the route than the late medieval examples. They occur in more fields but usually in lower numbers and are probably present due to manuring or ditch clearance and drain laying activities.

Most of the building material comprised land drain fragments of varying types. Some were probably horseshoe drains, while others had an integral sole plate. All could be dated to the 19<sup>th</sup> century or later.

There were a few fragments of tile which may have been from plain roofing tiles, although they could also derive from the flat sole plates of the horseshoe drains. Some fragments were so abraded and had

so few diagnostic characteristics that it is possible that they are medieval in date.

### 3.2.3 Magnetic Susceptibility and Magnetometer Scanning (Int.3, Int.4)

The information produced by the magnetic susceptibility survey (Int.3) has been used to provide a comparative data set to support the interpretation of the magnetometer scanning (Int.4) and fieldwalking data (Int.2). The magnetic susceptibility survey defined areas or 'hot spots' of enhanced magnetic susceptibility in 22 fields (see Stage 1 summary). In nine areas these anomalies supported positive results from the magnetometer scanning and in a further four instances supported positive results from the fieldwalking survey.

The magnetometer scanning produced concentrations of anomalies consistent with those normally associated with archaeological remains in 29 fields. In 20 cases the interpretation of these concentrations as areas of archaeological potential was supported by other survey results (see Stage 1 summary).

### 3.2.4 Magnetometer Line Survey (Int.5)

Intensive magnetometer line survey was undertaken in 48 fields in which ground conditions were not considered to be adequate for effective investigation by fieldwalking. Grey scale plots of the survey data are presented at Appendix B.

Table 6 presents the interpretation of magnetic anomalies identified by this survey. The presence (Y) or absence (N) of anomalies interpreted as the remains of ridge and furrow ploughing, other archaeological features, archaeological linear features and archaeological enclosures are listed for each field along with ferrous debris, underground services and alluvium (derived from the geotechnical report). The potential of these probable archaeological remains has also been categorised. Where anomalies are considered to represent significant archaeological remains, these have been graded from A (highest) to C (lowest). Fields in which anomalies are not considered to represent significant archaeological remains have been ~~have been~~ categorised as 'low' potential areas. Fields in which archaeological remains are likely to be concealed from geophysical investigation by overburden such as alluvium have been categorised as 'not known'.

Nine fields were found to contain anomalies which suggest that highly significant archaeological remains may be present in these areas. A further twelve category B and twelve category C areas were also defined. Eight fields are considered to be of unknown potential due to the probable presence of overburden in these areas.



Table 6 Interpretation of results of magnetometer line survey

Field No.	Ridge & Furrow	Features	Linear	Enclosure	Ferrous Debris	Services	Alluvium	Potential
4	N	N	N	N	N	N	Y	not known
6	N	N	N	N	N	N	Y?	not known?
15	N	Y	Y	N	N	N	N	C
16	N	Y	Y	Y?	N	N	N	B
17	N	Y	Y	N	N	N	N	C
21	Y	Y	Y	N	N	N	N	B
22	N	Y	Y	Y?	N	N	N	B
26	Y	Y	Y?	N	N	N	N	C
28	Y	Y?	Y?	N	N	N	N	C
29	N	Y	Y	Y?	N	N	N	A
30	N	Y	Y	Y	N	N	N	A
32	N	Y	Y	Y?	N	N	N	A
33	N	Y	Y	Y?	Y	Y	N	B
34	N	Y	Y	Y?	N	N	N	A
35	N	Y	Y	N	Y	Y?	N	low
36	N	Y	Y	N	N	N	N	A
40	N	Y?	Y	N	N	N	N	C
41	N	Y?	Y	N	N	N	N	C
42	Y	Y?	Y	N	Y	N	N	low
43	Y	Y	Y	N	N	N	N	B
44	Y?	Y?	N	N	N	N	N	low
46	N	Y?	N	N	Y	Y?	N	low
47	Y?	Y	Y	N	N	N	N	C
48	Y?	Y	N	N	N	N	N	C
53	N	Y	Y	N	N	N	N	C
71	N	N	N	N	N	N	N	low
72	N	Y	Y	Y?	N	N	N	A
73	N	Y	Y	N	N	N	N	C
78	N	Y	Y	N	N	N	N	B
79	N	Y	Y	Y?	N	N	N	B
80	Y	Y	Y	Y?	N	N	N	B
81	N	Y	Y	N	N	N	N	C
82	Y?	Y?	N	N	N	N	N	low
83	Y?	Y?	N	N	N	N	N	low
85	Y	Y	Y	Y	Y	N	N	B
88	N	Y	Y	N	N	N	Y	B
92	N	N	N	N	N	N	Y?	not known
105	N	N	N	N	N	Y	Y	not known
106	N	Y	N	N	N	N	Y	not known
107	Y?	N	N	N	N	N	Y	not known
108	N	N	N	N	N	N	Y	not known
109	N	Y	Y	Y	N	N	N	A
110	N	Y?	N	N	N	N	Y	not known
117	N	Y	N	N	N	N	N	C
118	N	Y	Y	Y?	N	N	N	B
119	N	Y	N	N	N	N	N	B
123	N	Y	Y	Y	N	N	Y	A
125	N	Y	Y	N	N	N	Y	A

The magnetometer line survey also identified several large magnetic anomalies which have been interpreted as either modern services or concentrations of recent ferrous debris, some of which may indicate the presence of recent landfill, these are listed together with other discoveries from Stage 2 (magnetometer area survey), see Table 9 below.

### 3.3 ASSESSMENT OF STAGE 1 RESULTS

Table 7 shows the assessment of potential by field based on the results of the Stage 1 surveys as well as information abstracted from the Desk Based Assessment. Fields which contain areas of archaeological potential have been categorised from A (highest) to C (lowest). Fields which appear to have little or no archaeological potential have been categorised as 'low', while fields which contain areas of overburden such as alluvium, or were unavailable for survey have been classified as 'not known'. Table 7 also shows whether each survey produced a positive (Y) or negative (N) result.

Areas which are considered to be of the highest archaeological potential (Category A) have been defined in 23 fields, while a further 50 fields are considered to contain areas with lower potential. 28 fields are considered to have little or no archaeological potential, these include fields which have clearly been disturbed by recent mineral extraction or development work. The archaeological potential of 6 fields has been classified as 'not known' as the survey teams could not gain admittance to these areas due to game shooting (Fields 8-13). A further 37 fields have also been classified as 'not known' due to the presence of areas of overburden such as alluvial deposits.

Between Fields 2-5, 88-91, 95-100, 102-108, 110-111 and 120-130 very few finds were recovered. The low recovery rate in these areas is coincident with areas of alluvium identified in the geomorphological report as well as with upcast from the river bank of the River Devon. It is likely, therefore, that archaeological deposits lie buried beneath this overburden which effectively masks archaeological remains from detection by non-invasive investigative techniques. The results of the geophysical surveys over the areas of alluvium appear to confirm this conclusion.

Table 7 Potential of fields on completion of Stage 1 survey.

Field No.	Desk-based Assessment	Walkover Survey (Int.1)	Fieldwalking (Int.2)	Magnetic Susc. (Int.3)	Magnetometer Scanning (Int.4)	Magnetometer Line Survey (Int.5)	Potential
1	N	N	Y	N	Y?	-	B
2	N	N	N	Y	N	-	not known
3	N	N	N	Y	N	-	not known
4	N	N	-	-	-	N	not known
5	N	N	N	Y	N	-	not known
6	N	N	-	-	-	N	low
7	N	N	N	N	N	-	low
8	N	N	N	n/a	n/a	n/a	not known
9	N	N	N	n/a	n/a	n/a	not known
10	N	N	N	n/a	n/a	n/a	not known
11	Y	N	Y	n/a	n/a	n/a	not known



Field No.	Desk-based Assessment	Walkover Survey (Int.1)	Fieldwalking (Int.2)	Magnetic Susc. (Int.3)	Magnetometer Scanning (Int.4)	Magnetometer Line Survey (Int.5)	Potential
12	N	N	N	n/a	n/a	n/a	not known
13	N	N	Y	n/a	n/a	n/a	not known
14	N	N	N	N	N	-	low
15	N	N	-	-	-	Y	C
16	N	N	-	-	-	Y	B
17	Y	N	-	-	-	Y	B
18	N	N	Y	Y	N	-	B
19	Y	N	Y	N	N	-	A
20	N	N	Y?	Y	N	-	B
21	N	N	-	-	-	Y	B
22	N	N	-	-	-	Y	B
23	N	N	N	N	Y?	-	C
24	N	N	N	N	N	-	low
25	N	N	N	Y	Y	-	C
26	N	N	-	-	-	Y	C
27	N	N	n/a	n/a	n/a	n/a	not known
28	N	N	-	-	-	Y	C
29	N	N	-	-	-	Y	A
30	N	N	N	N	N	Y	C
31	N	N	Y?	Y	Y?	-	B
32	N	N	-	-	-	Y	A
33	N	N	-	-	-	Y	B
34	N	N	-	-	-	Y	A
35	N	N	-	-	-	Y	low
36	N	N	-	-	-	Y	A
37	N	N	Y	N	N	-	A
38	N	N	Y	Y?	Y	-	A
39	N	N	Y?	N	N	-	C
40	N	N	-	-	-	Y	C
41	N	N	-	-	-	Y	C
42	N	N	-	-	-	Y	low
43	N	N	-	-	-	Y	B
44	N	N	-	-	-	N	low
45	n/a	N	Y	N	Y?	-	A
46	n/a	N	-	-	-	Y	low
47	n/a	N	-	-	-	Y	C
48	n/a	Y	-	-	-	Y	C
49	n/a	N	Y	N	Y?	-	A
50	n/a	N	n/a	n/a	n/a	n/a	low
51	n/a	N	N	N	Y?	-	low
52	n/a	N	Y	Y?	Y	-	low
53	n/a	N	-	-	-	Y	C
54	N	N	Y	Y	Y	-	A
55	N	N	Y	Y	Y	-	A
56	N	N	Y	Y?	Y	-	B
57	N	N	n/a	n/a	n/a	n/a	low
58	N	N	n/a	n/a	n/a	n/a	low
59	N	N	Y	Y	N	-	C
60	N	N	Y	N	N	-	C

Field No.	Desk-based Assessment	Walkover Survey (Int.1)	Fieldwalking (Int.2)	Magnetic Susc. (Int.3)	Magnetometer Scanning (Int.4)	Magnetometer Line Survey (Int.5)	Potential
61	N	N	N	Y?	N	-	low
62	N	N	Y	N	N	-	C
63	N	N	N	N	Y?	-	C
64	N	N	N	N	N	-	low
65	N	N	N	N	Y?	-	C
66	N	N	N	N	N	-	low
67	n/a	N	N	N	N	-	low
68	n/a	N	N	N	Y?	-	C
69	n/a	N	N	Y?	N	-	low
70	n/a	N	N	Y?	N	-	low
71	n/a	N	-	-	-	N	low
72	n/a	N	-	-	-	Y	A
73	n/a	N	-	-	-	Y	C
74	n/a	N	N	Y	N	-	C
75	Y	N	N	N	Y	-	A
76	n/a	N	Y	N	N	-	B
77	n/a	N	Y	N	N	-	B
78	n/a	N	-	-	-	Y	B
79	n/a	Y	-	-	-	Y	B
80	N	Y	-	-	-	Y	B
81	N	Y	-	-	-	N	C
82	N	N	-	-	-	Y	low
83	N	N	-	-	-	Y	low
84	N	N	Y	N	Y	-	A
85	N	Y	-	-	-	Y	B
86	N	N	Y?	N	N	-	B
87	N	N	Y	N	N	-	B
88	N	N	-	-	-	Y	not known/C
89	N	N	N	N	N	-	not known
90	N	N	N	N	N	-	not known
91	N	N	Y	N	N	-	not known/B
92	N	N	-	-	-	N	low
93	N	N	Y	Y?	Y?	-	A
94	N	N	N	N	N	-	low
95	N	N	Y	N	Y?	-	not known/B
96	N	N	Y	N	Y?	-	not known/B
97	N	N	N	Y?	Y	-	not known/B
98	N	N	N	Y	N	-	not known
99	N	N	Y	Y?	Y	-	not known/B
100	N	N	Y?	N	Y	-	not known/B
101	Y	N	Y	N	Y	-	A
102	Y	N	Y	N	Y	-	not known/A
103	N	N	N	N	N	-	not known
104	N	N	N	N	N	-	not known
105	N	N	-	-	-	Y	not known
105A	N	N	N	N	Y	-	not known
106	N	N	-	-	-	Y	not known
106A	N	N	N	N	N	-	not known
107	N	Y	-	-	-	Y	not known



Field No.	Desk-based Assessment	Walkover Survey (Int.1)	Fieldwalking (Int.2)	Magnetic Susc. (Int.3)	Magnetometer Scanning (Int.4)	Magnetometer Line Survey (Int.5)	Potential
107A	Y	N	N	N	Y?	-	not known
108	N	N	-	-	-	Y	not known
109	n/a	N	-	-	-	Y	A
110	n/a	N	-	-	-	N	not known
110A	n/a	N	Y	Y	N	-	B
111	n/a	N	Y	N	N	-	not known/A
112	n/a	N	Y	N	N	-	A
113	n/a	N	Y	N	N	-	B
114	n/a	N	N	N	N	-	low
115	n/a	N	N	N	N	-	low
116	n/a	N	N	N	N	-	low
117	n/a	N	-	-	-	Y	C
118	Y	N	-	-	-	Y	B
119	Y	N	-	-	-	Y	B
120	N	N	n/a	n/a	n/a	n/a	not known
121	Y	N	N	N	Y	-	not known
122	N	N	N	N	N	-	not known
123	N	N	-	-	-	Y	not known/A
124	Y	N	N	N	Y	-	not known/A
125	N	N	-	-	-	Y	not known/A
126	N	N	N	N	Y	-	not known
127	N	N	N	N	N	-	not known
128	N	N	N	N	N	-	not known
129	N	N	N	N	N	-	not known
130	N	n/a	n/a	n/a	n/a	n/a	low

#### 4.0 RECONNAISSANCE PROGRAMME - STAGE 2

All areas classified on completion of Stage 1 as being of the highest archaeological potential (Category A) were the subject of detailed magnetometer area survey during Stage 2 (34 areas, 11 where alluvium was later identified in the hand auger survey).

13 out of the 17 areas classified as Category B were also investigated during Stage 2 (76.5% of the total). Areas in Field 80 and 85 were omitted since they were covered in ridge and furrow which were likely to mask underlying archaeological features. Areas in Field 113 and 119 were also omitted because of the poor response from survey in adjacent Category A fields.

No other categories were investigated with magnetometer area survey apart from the negative end of Field 110 where anomalies were predicted to continue across from Field 109. In total 4.8km of magnetometer area survey was completed along the pipeline route, 12.1% of the total length (39.84km).

#### 4.1 STAGE 2 FIELDWORK PROCEDURE

Survey areas of 30m x 30m, 60m x 30m or 90m x 30m, based on the centreline of the pipeline, were set out over the 'hot spots' defined by the Stage 1 surveys using a total station theodolite. Intermediate points were positioned using tapes, to complete the individual 30m x 30m survey grids. This procedure ensures an internal grid point accuracy of  $\pm 0.05\text{m}$ . Limited field boundary surveys were then undertaken using a total station theodolite in order to accurately locate these survey areas in relation to the Ordnance Survey national grid.

The survey was carried out using Geoscan fluxgate gradiometers with digital storage and data transfer facilities (FM36 with ST1 sample trigger). Each 30m x 30m survey grid was undertaken using the parallel traverse method (unidirectionally) to ensure the capture of good quality raw data. Instrument readings were logged at 1.0m x 0.5m intervals. Data from the survey instruments was transferred to a portable computer where it was checked for survey defects.

The raw data was processed using Geoplot version 2.02. This involves the adjustment of any differences in the average background reading between individual survey grids as well as inconsistencies caused by instrument drift, which are removed to facilitate clear presentation of the data set.

#### 4.2 STAGE 2 FIELDWORK RESULTS

The results of the magnetometer area survey are presented by field, starting at the Silk Willoughby (negative) end of the pipeline and progressing towards the Staythorpe end (positive).

*Field 1*            The negative end of the survey area (90m x 30m) contained a strong ferrous anomaly interpreted as a gas pipe. Two ephemeral and relatively weak ( $\pm 3\text{nT}$ ) curvilinear anomalies which are situated within the remaining part of the survey area have been interpreted as archaeological features and may represent enclosures.

*Field 16*           The survey area (60m x 30m) contained no obvious anomalies, although there were some vague linear features which may be archaeological or geological.

*Field 17*           The survey area (60m x 30m) contained one strong ( $\pm 5\text{nT}$ ) linear anomaly which may be archaeological although its position at the foot of a slope suggests that it might be a modern field drain.

*Field 18*           The survey area (60m x 30m) contained clear linear anomalies which appear to be geological or agricultural in character.

*Field 19*           The survey area (90m x 30m) contained several weak linear and curvilinear anomalies which may be archaeological. The effects of ploughing also appear to be present.



- Field 20* The two areas contained several weak ( $\pm 2nT$ ) linear anomalies. In Area 1 (60m x 30m) the anomalies appear to form a possible enclosure with an entrance to the north. In Area 2 (30m x 30m) there is a clear curvilinear anomaly which also appears to be archaeological. Obvious signs of modern ploughing were present in both areas.
- Field 21* The survey area (60m x 30m) contained one weak ( $\pm 2nT$ ) sub-circular anomaly. Other responses appear to have been caused by modern and ridge and furrow ploughing.
- Field 22* The survey area (60m x 30m) contained some weak ( $\pm 2nT$ ), linear and curvilinear anomalies. The area also contained anomalies consistent with modern ploughing.
- Field 29* Both Area 1 (60m x 30m) and Area 2 (60m x 30m) contained several linear and curvilinear anomalies of varying sizes which may be archaeological. The effects of modern ploughing was also present.
- Field 31* The western side of the survey area (60m x 30m) contained several linear anomalies which were parallel to the nearby field boundary.
- Field 32* The survey area (60m x 30m) contained a series of very weak ( $\pm 1nT$ ) ephemeral linear and curvilinear anomalies the nature of which is unclear.
- Field 33* The survey area (60m x 30m) contained a series of weak ( $\pm 1nT$ ) ephemeral linear and curvilinear anomalies of uncertain nature.
- Field 34* The weak ( $\pm 1nT$ ), NW-SE orientated linear anomaly located at the negative end of the survey area (90m x 30m) may be archaeological.
- Field 36* Two relatively strong ( $\pm 3nT$ ) linear anomalies cross each other at the negative end of the survey area (90m x 30m).
- Field 37* A series of linear anomalies ( $\pm 2nT$ ) were visible at the negative end of the survey area (60m x 30m). These anomalies appear to be archaeological, but may relate to agricultural activity.
- Field 38* The survey area (60m x 30m) contained a series of weak ( $\pm 1nT$ ) ephemeral linear anomalies the nature of which is unclear.
- Field 43* The survey area (60m x 30m) contained one strong ( $\pm 5nT$ ) linear anomaly which may be archaeological.
- Field 45* Two areas were surveyed, Area 1 (60m x 30m) contained a series of weak ( $\pm 2nT$ ) ephemeral linear anomalies the nature of which is unclear. Area 2, (330 x 30m),

contained a series of moderately strong ( $\pm 3\text{nT}$ ) linear anomalies which appear to be archaeological and cover an extensive area possibly forming an enclosure system.

*Field 49* The survey area (60m x 30m) contained a series of weak ( $\pm 1\text{nT}$ ) ephemeral linear and sub-circular anomalies.

*Field 54* The survey area (390m x 30m) contained a series of strong anomalies ( $\pm 3\text{nT}$ ) which are clearly archaeological in nature. The negative end of the survey area contained a well defined enclosure system. The density and strength of interior features associated with the enclosures suggest that it may have been derived from settlement rather than agricultural activity. At the positive end, in the final survey block, the anomalies were consistent with ploughing rather than archaeological features.

*Field 55* The survey area (240m x 30m) contained a series of linear and curvilinear anomalies ( $\pm 1\text{nT}$ ) which are archaeological in nature. The stronger parallel linear anomalies probably represent the remains of ploughed out ridge and furrow and recent ploughing activity.

*Field 56* The survey area (240m x 30m) contained both linear and curvilinear anomalies ( $\pm 2\text{nT}$ ) which are clearly archaeological and most probably represent enclosures and structures. The series of strong, but evenly spaced linear anomalies are consistent with the remains of ridge and furrow ploughing.

*Field 72* A strong ( $\pm 3\text{nT}$ ) linear anomaly, orientated NE-SW, crossed the survey area (30m x 30m), less distinct curvilinear anomalies were also present in the northern part of the area. These anomalies may be archaeological in character.

*Field 75* The survey area (120m x 30m) contained a weak ( $\pm 1\text{nT}$ ) linear anomaly orientated E-W which is probably archaeological. Along the northern edge stronger anomalies ( $\pm 50\text{nT}$ ) probably reflect the presence of ferrous debris.

*Field 76* Area 1 (60m x 30m) contained weak ( $\pm 2\text{nT}$ ) linear anomalies the nature of which is unclear. Area 2 (60m x 30m) contained one strong ferrous response, probably reflecting the presence of recent ferrous debris.

*Field 77* The survey area (60m x 30m) does not appear to contain any significant anomalies.

*Field 79* The survey area (60m x 30m) contained a strong ( $\pm 3\text{nT}$ ), east-west orientated linear anomaly, with a weaker linear anomaly set at right angles to the stronger anomaly. These features appear to be archaeological in character.

*Field 84* The survey area (60m x 30m) contained a series of weak ( $\pm 1\text{nT}$ ) linear anomalies



orientated NE-SW which probably represent the remains of ridge and furrow.

- Field 86* The survey area (60m x 30m) does not appear to contain any significant anomalies.
- Field 87* The survey area (60m x 30m) contained two fairly weak ( $\pm 2\text{nT}$ ) linear anomalies and a weak sub-circular anomaly at the positive end. These features may be archaeological.
- Field 91* The survey area (60 x 30m) contained a weak ( $\pm 1\text{nT}$ ) sub-circular anomaly and several isolated, strong, circular anomalies which are probably archaeological in nature.
- Field 93* Two areas were surveyed each 60m x 30m. Area 1 does not appear to contain any significant anomalies, but Area 2 contained part of a weak ( $\pm 1\text{nT}$ ) sub-circular anomaly which may be archaeological in nature.
- Field 95* Area 1 (120m x 30m) contained two types of anomaly. At the negative end, slightly stronger anomalies ( $\pm 3\text{nT}$ ) form a disordered group which appears to be geological, however, the wide ephemeral curvilinear anomalies ( $\pm 2\text{nT}$ ) to the west appear to be archaeological. Area 2 (60m x 30m) contained three parallel linear anomalies which have been interpreted as field drains.
- Field 96* The survey area (150m x 30m) contained well defined linear anomalies ( $\pm 2\text{nT}$ ) and large isolated features in the centre of the area, both of which are clearly archaeological in nature. At the positive end of the area there were anomalies which were similar to the those in *Field 95* interpreted as geological features.
- Field 97* The survey area (60m x 30m) contained one strong ferrous anomaly ( $\pm 500\text{nT}$ ) interpreted as an electrical cable. The powerful response from this feature effectively masked any weaker anomalies within the survey area
- Field 99* Two areas were surveyed, each 60m x 30m. Area 1 contained a series of parallel linear anomalies interpreted as ridge and furrow. Area 2 contained a strong ferrous anomaly ( $\pm 500\text{nT}$ ) which probably represents an electrical cable. Adjacent to this feature, weak ( $\pm 1\text{nT}$ ) curvilinear anomalies appear to indicate that archaeological features are present.
- Field 100* The survey area (60m x 30m) does not appear to contain any significant anomalies.
- Field 101* The survey area (60m x 30m) contained a series of weak ( $\pm 1\text{nT}$ ), east-west orientated, linear anomalies interpreted as the remains of ploughed out ridge and furrow.

- Field 102* The survey area (60m x 30m) contained two strong ( $\pm 3\text{nT}$ ) linear anomalies orientated NE-SW which are considered to be archaeological in nature.
- Field 109* The survey area (180m x 30m) contained a series of strong linear and curvilinear ( $\pm 2\text{nT}$ ) anomalies which are clearly archaeological in nature. These features appear to form part of an enclosure system with several phases of activity.
- Field 110* The survey area (120m x 30m) contained a series of weak ( $\pm 1\text{nT}$ ) linear anomalies orientated NW-SE which probably represent the remains of ploughed out ridge and furrow.
- Field 110A* The survey area (90m x 30m) along part of the alternative pipeline route contained very weak ( $\pm 1\text{nT}$ ) linear and sub-circular anomalies the nature of which is unclear. These features may be archaeological but are obscured by modern ploughing.
- Field 111* The survey area (60m x 30m) contained two strong ( $\pm 3\text{nT}$ ) linear anomalies orientated NE-SW which may represent the remains of ridge and furrow ploughing.
- Field 112* The survey area (60m x 30m) contained a few very weak ( $\pm 1\text{nT}$ ) anomalies, the nature of which is unclear.
- Field 118* Two areas were surveyed both of which were 60m x 30m. Area 1 contained some ephemeral curvilinear anomalies the nature of which is unclear. Area 2 contained a series of parallel anomalies which are possibly the effects of modern ploughing.
- Field 123* The survey area (90m x 30m) contained a strong ( $\pm 5\text{nT}$ ) anomaly orientated NE-SW. It is not certain whether this feature is geological or archaeological.
- Field 124* The survey area (30m x 30m) was offset 5m to the west of the centre line in order to fit the grid into the corner of the field. The area contained a strong ( $\pm 5\text{nT}$ ) irregular linear anomaly which may be archaeological.
- Field 125* The survey area (60m x 30m) contained a strong ( $\pm 5\text{nT}$ ) linear anomaly, similar to that seen in *Field 124*, although on a different alignment.

Ten of the fields contain probable modern services which have been located to the nearest 5.00m (Table 7). A further seven fields contain anomalies indicative of spreads of ferrous debris which are located to the nearest 10.00m. These anomalies appear to be formed by scatters of material and therefore cannot be defined as precisely as the services. It is possible that some of these anomalies derive from industrial or domestic archaeological remains and hence may warrant further investigation.



Table 8 Location of probable non-archaeological anomalies

Field No.	Offset from negative	Ferrous	Identification
1	5m	Y	Services
30	350m	Y	Fe debris
33	275m - 310m	Y	Fe debris and services
35	240m - 300m	Y	Fe debris
42	180m - 190m	Y	Fe debris
46	5m - 110m	Y	Fe debris and services
47	125m	Y	Services ?
53	30m - 110m	?	Fe debris ?
72	32m	?	Services ?
75	315m	Y	Fe debris
76	485m	Y	Fe debris
85	2m	Y	Fe debris ?
88	191m	Y	Services ?
97	100m	Y	Services
99	280m	Y	Services
105	45m	Y	Fe debris and services
118	12m	Y	Services

## 5.0 ASSESSMENT OF THE HAND AUGER SURVEY

### 5.1 INTRODUCTION

The hand auger survey, carried out along the route of the pipeline, was undertaken by geotechnical consultants (Ground Engineering Ltd). A total of 250 hand auger holes (abbreviated to HA, Table 8) were sunk at intervals of 100m along most of the route in order to measure and describe the strata to a depth of no more than 3.00m. Along the route the holes were identified by a unique number, a combination of their field number and hole number, numbered sequentially from east to west.

The survey was reported upon after Stage 2 archaeological work had been completed and therefore none of the findings below had any impact upon the design or conduct of the reconnaissance programme. The purpose of reviewing the hand auger report was

- to identify further potential areas of made ground where archaeological remains may have been destroyed or truncated
- to identify buried archaeological features or potential zones of buried archaeological strata
- to locate and characterise zones of alluvium which may contain or cover buried archaeological remains. Such zones would be particularly sensitive since any archaeological remains they

contained could be both well preserved and an important source of environmental data.

A number of fields were omitted from the survey (Fields 8-14, 27, 50, 58-78, 85, 120 and 130). In addition, the alternative pipeline route around the Point-to-Point course was not surveyed (Fields 105A, 106A, 107A, and 110A).

## 5.2 RESULTS OF HAND AUGER SURVEY

A firm brown sandy silty clay or clayey silty sand topsoil covered the pipeline route and varied in depth from 0.10-0.70m, although it was usually 0.20-0.40m thick.

### 5.1.2 Possible Made Ground

Some areas of no archaeological potential were identified during the Stage 1 survey. These areas included Fields 50-52, Fields 57-58, the western end of Fields 55 and 56 (mineral extraction), Field 130 (building disturbance at the power station), and Field 120 (anglers hardstanding and farmer's dump). To this list can now be added Fields 15-17 (covered by HA 15/1-17/2) where the made ground is up to 1.00m deep (gravel and limestone extraction).

### 5.1.3 Archaeological features/buried strata

On average the topsoil varied in thickness from 0.20-0.40m, thicker layers of topsoil were noted at a few locations along the route. Three locations were identified in the survey with relatively deep topsoils, Field 31(HA31/5) and Field 86 (HA86/2 and 86/5) where the topsoil was 0.60-0.70m thick.

### 5.1.4 Areas of alluvium

Alluvium occurred in seven zones (A-G) associated with nearby watercourses (rivers, streams and drainage channels), the length of the route affected varied between 100-3650m, (Zone D and G respectively), (Table 8). The total length of alluvium was 11.02km or 27.7% of the pipeline route.

(All depths of alluvium given below are measured from ground surface level to the base of the layer).

#### *Zone A* (Constraint Map 1)

Alluvium covered 2420m across Fields 1-7 and it is likely to continue past Field 8 (not available for survey). The depth of alluvium varied from 0.60m (HA5/2) to 1.50m (HA6/1) and is directly associated with minor streams, drains and tributaries of the River Slea. The alluvium overlay a grey brown silty clay.



### *Zone B (Constraint Map 3)*

Alluvium covered approximately 200m located in Field 53-54, in two isolated holes separated by HA54/1. These fields are separated by Honnington Beck, a tributary of the River Witham. The depth of alluvium was consistent at 1.80m and overlay sand and gravel clayey mudstones.

### *Zone C (Constraint Maps 5 and 6)*

Alluvium covered a length of 2950m from Fields 88-98 in the flood plain of the River Witham and across Bennington Fen.

The depth of alluvium varied from 0.50m (HA97/3) to over 2.40m (HA88/2), although the full depth was not always measured since quite a number of the holes were abandoned in the alluvium often as a result of running sand. Alluvium overlay river gravel or clay mudstones formations.

Three holes (HA93/2, HA96/2 and HA97/6) contained organic clay deposits at varying depths from 0.20-1.60m. Organic inclusions also occurred in HA96/2, although it is possible that this formation is in an archaeological feature since the geophysical survey (magnetometer area survey, Int.6) has located a site in this field. Ground water level was contacted at a depth of 1.30m.

### *Zone D (Constraint Map 6)*

A short length of only 300m separates this zone from Zone C. Alluvium covered 100m near the western edge of Bennington Fen in Field 99. The depth of alluvium varied between 1.20-1.30m (HA99/2 and HA99/3 respectively) and overlay river gravel deposits.

### *Zone E (Constraint Map 6)*

Fields 102-108 over the flood plain of the River Devon and its tributaries (Back Dyke) contain extensive deposits of alluvium. The depth varies from 1.00m (HA105/2) to over 3.00m (HA102/5, HA102/7) along 1500m of the route.

Three holes contained organic clay deposits (HA102/5, HA106/1 and HA107/1) at a depth of between 1.50-3.00m. HA106/1 also contained peat at 1.90-2.15m with ground water strikes from a depth of 1.70m. The alluvium overlay silty clay mudstones, sands and gravels.

### *Zone F (Constraint Map 6)*

The flood plain of Car Dyke, a tributary of the River Devon, covered Fields 110-111 with alluvium to a depth of 1.80m (HA111/1) along 200m of the route and was found to overlies sands and gravels.

### Zone G (Constraint Maps 6 and 7)

Alluvium covered 3650m, from Field 115 to Field 129, an extensive area across the flood plain of the River Trent. The depth of alluvium varied from 1.00m (HA119/1, 118/2) to over 3.00m (HA115/2).

Organic clay deposits were contacted in HA121/4 and HA124/1 at a depth of 1.20-1.40m and 2.30-2.90m respectively. However, neither hole contained organic inclusions or peat, although some holes were abandoned either in running sand (HA115/2) or dense gravel (HA117/1). The alluvium overlay sands and gravels.

Table 9 Zones of alluvium

Zone	Field (HA)	Organic clays (HA)	Depth (m)	Organic inclusions	Character	Notes
A	1/1-7/2	-	-	-	brown, orange brown sandy silty clay, some with occasional gravel; orange brown and light brown clayey silty sand, some with occasional gravel; orange brown and grey mottled silty clay; light brown silty sand.	over a grey brown silty clay, WEATHERED OXFORD CLAY FORMATION, HA4/3 no alluvium reported, thin topsoil 0.20m thick.
B	53/2-54/2	-	-	-	orange brown, grey mottled sandy silty clay, sandier below 1.00m.	HA54/1 no alluvium reported. Over BELTON SAND AND GRAVEL and BRANT MUDSTONE FORMATION.
C	88/1-98/3	93/2 96/2 97/6	0.30-1.20 1.10-1.60 0.20-0.80	- organic inc -	brown, orange brown, grey silty clay or sandy silty clay, occasionally mottled; orange brown, grey sand, silty sand or clayey gravelly sand, occasional abundant concretions; black, grey sandy silty organic clay.	numerous holes abandoned in running sand (eg. HA88/1, 91/2, 95/2). Over TERRACE RIVER GRAVEL and WEATHERED SCUNTHORPE MUDSTONE FORMATION.
D	99/2-99/3	-	-	-	brown, orange brown sandy silty clay with occasional gravel.	over TERRACE RIVER GRAVEL.
E	102/4-108/1	102/5 106/1 107/1	2.00-3.00 1.50-2.15 1.80-2.40	- peat -	brown, orange brown, red brown, grey mottled silty clay, some with concretions, one with fine pockets of sand; black and grey silty organic clay; black and brown clayey fibrous peat; orange brown sand.	over TERRACE RIVER GRAVEL. ?BLUE ANCHOR FORMATION and WEATHERED MERCIA MUDSTONE.
F	110/3-111/1	-	-	-	brown, orange brown, red brown, grey mottled sandy, silty clay with occasional gravel; brown, red brown sand.	over TERRACE RIVER GRAVEL.
G	115/2-129/1	121/4 124/1	1.20-1.40 2.30-2.90	-	brown, orange brown, light grey, blue-grey mottled sandy silty clay, some with occasional gravel; brown, orange brown gravelly silty clay; brown, orange brown, light grey mottled silty sand; dark brown, brown, orange brown clayey silty sand.	some holes abandoned, in sand (eg. HA115/2, 121/3) or dense gravel (HA117/1). Over HOLME PIERREPONT TERRACE GRAVEL.



The review of the auger hole report revealed a few anomalies. In Zones A and B lengths of alluvium were interrupted by single holes apparently with no alluvium. Furthermore, Zone D itself was unusually positioned (from information provided by the contractor) apparently on raised ground overlooking Bennington Fen.

## 6.0 ASSESSMENT

Table 9 summarises the results of the Stage 2 geophysical area survey with supporting information from the Desk-Based Assessment and Stage 1 surveys. The fields along the pipeline route have been re-categorised according to their apparent archaeological potential. However, it must be stressed that this categorisation is based on evidence derived from the Desk-Based Assessment (Phase 1) and reconnaissance programme (Phase 2) and as such should not be viewed as a full and definitive account of archaeological remains which may exist within the pipeline corridor. The definition of categories of archaeological potential are as follows:

### *Category A*

Fields assigned to this category potentially contain a focus or foci of archaeological remains which may represent part of a highly significant archaeological site such as the remains of a settlement and associated field system or cemetery.

### *Category B*

Fields graded as Category B appear to contain archaeological remains suggestive of an archaeological site(s) or set(s) of landscape features. Earthworks such as ridge and furrow have been included within this category.

### *Category C*

Fields assigned to Category C have produced some evidence suggestive of archaeological activity, however, this activity does not appear to be indicative of a significant archaeological site.

### *Category D*

Fields graded as Category D have produced evidence indicating the presence of historic landscape features such as field boundaries and ploughed out ridge and furrow.

### *Low*

Fields assigned to this category appear to have little or no archaeological potential due to recent disturbance such as mineral extraction or development.

*Not Known*

Fields within which any archaeological remains are likely to have been masked from detection by overburden such as alluvium have been classified as 'Not Known' as it is not possible to predict the archaeological potential of these areas. Fields which were not subject to reconnaissance survey due to restricted access have been similarly graded.

Table 10 Assessment of Stage 2 results

Field	Stage 1 Cat.	DBA Results	Survey Results	Finds	Cat.
1	B	No information but close to Roman road, Mareham Lane (RDX1), BG Transco informally report site in adjacent field at AGI.	Existing pipeline contacted in NE corner distorting the readings of first 30x30m grid. Circular anomaly, 30m diameter enclosure/ring ditch. Alluvium.	Roman	A
2	Not known	No information	Alluvium	-	Not known
3	Not known	No information	Alluvium	-	Not known
4	Not known	No information	Alluvium	Arable	Not known
5	Not known	No information	Alluvium	-	Not known
6	Low	No information	Alluvium	Arable	Not known
7	Low	No information	Alluvium	-	Not known
8	Not known	No information	(Restricted access)	-	Not known
9	Not known	No information	(Restricted access)	-	Not known
10	Not known	No information	(Restricted access)	-	Not known
11	Not known	Linear/cropmark feature.	(Restricted access)	Flint scatter	Not known /C
12	Not known	No information	(Restricted access)	-	Not known
13	Not known	No information	(Restricted access)	Flint scatter	Not known /C
14	Low	No information	-	-	D
15	C	No information	Quarried	Pasture	Low
16	B	No information	Quarried	Pasture	Low
17	B	Roman pottery and coin find spot 80m north.	Quarried up to HA17/2.	Pasture	Low/C
18	B	Lies in an area of prehistoric activity characterised by pit alignments and barrows.	Irregular linear anomalies, ploughing?	Prehistoric flint concentration	A
19	A	(as above)	Small isolated anomalies, heavily ploughed.	Prehistoric flint concentration	A
20	B	(as above)	Two areas defined; Area 1: possible enclosure with entrance. Area 2: linear features, heavy ploughing.	Prehistoric flint concentration ; Roman	A A



Field	Stage 1 Cat.	DBA Results	Survey Results	Finds	Cat.
21	B	No information	Enclosure? Ploughed out Ridge and Furrow.	Arable	B
22	B	No information	Possible linear features, heavily ploughed.	Arable	C
23	C	No information	-	-	D
24	Low	No information	-	-	D
25	C	No information	-	-	D
26	C	No information	Ploughed out Ridge and Furrow (Int 5); possible linear anomalies.	Arable	D
27	Not known	No information	(No survey)	Arable	D
28	C	No information	Ploughed out Ridge and Furrow (Int 5); possible linear anomalies.	Pasture	D
29	A	No information	Two areas defined; Area 1: Linear and curvilinear anomalies. Area 2 : Linear and curvilinear anomalies.	Pasture	B B
30	C	No information	Linear anomalies (Int 5), land drains.	-	C
31	B	No information	Linear anomalies, probable field boundary features.	Prehistoric flint scatter; Roman	D
32	A	No information	Ephemeral linear and curvilinear anomalies.	Pasture	B
33	B	No information	Ephemeral linear and curvilinear anomalies.	Pasture	C
34	A	Mesolithic flint scatter (later supplement).	Ephemeral linear and curvilinear anomalies. Enclosures?	Pasture	A
35	Low	No information	Linear anomalies (Int.5).	Pasture	D
36	A	Lies immediately to the east of the Roman road, Ermine Street (RDX8).	Two linear anomalies, not aligned to the Roman road. Geology?	Pasture	C
37	A	Lies immediately to the west of the Roman road, Ermine Street (RDX8).	Three parallel linear anomalies, c.10m apart, one perpendicular to these. Not aligned to the Roman road.	Prehistoric flint scatter; Roman	A
38	C	No information	Several ephemeral linear anomalies on a similar alignment to those in Field 37.	Prehistoric flint scatter; Roman	B
39	C	No information	-	Prehistoric flint scatter; Roman	D
40	C	No information	Linear anomalies (Int 5).	Pasture	D
41	C	No information	Possible linear anomalies (Int 5).	Pasture	D

Field	Stage 1 Cat.	DBA Results	Survey Results	Finds	Cat.
42	Low	Crosses the Jurassic Way, the prehistoric Ridgeway.	Possible linear anomalies; ploughed out Ridge and Furrow (Int 5).	Pasture	D
43	B	Crosses the Jurassic Way, the prehistoric Ridgeway	Strong linear anomaly, field boundary?	Pasture	C
44	Low	No information	Possible linear anomalies; ploughed out Ridge and Furrow (Int 5).	Pasture	D
45	A	Not covered	Two areas defined: Area 1: Ephemeral linear and curvilinear anomalies. Area 2: Frequent linear anomalies, enclosure system?	Prehistoric flint scatter; Roman; medieval pot and pot and tile	A  A
46	Low	Not covered	-	Pasture	C
47	C	Not covered	Possible linear anomalies; ploughed out Ridge and Furrow (Int 5).	Pasture	C
48	C	Not covered	Upstanding Ridge and Furrow earthworks.	Pasture	B
49	A	Not covered, but near to a known Anglo-Saxon cemetery.	Ephemeral linear and sub-circular anomalies.	Flintwork scatter; early medieval glass bead; medieval pottery	A
50	Low	Not covered	Quarried (mineral extraction).	Pasture	Low
51	Low	Not covered	Quarried (mineral extraction).	Prehistoric flint scatter; Roman	Low
52	Low	Not covered	Quarried (mineral extraction).	Prehistoric flintwork	Low
53	C	Not covered	Linear anomalies (Int 5); Alluvium.	Pasture	C
54	A	Ridge and Furrow now ploughed out.	Rectangular enclosures, settlement (east), linear and curvilinear anomalies (west); Alluvium.	Prehistoric flint scatter; Roman	A
55	A	No information, farmer reported railway for mineral works at eastern end.	Ploughed out Ridge and Furrow, linear and curvilinear anomalies; positive end quarried (mineral extraction).	Some flintwork; Roman	A
56	B	No information	Ploughed out Ridge and Furrow, linear and curvilinear anomalies, enclosures, structures? positive end quarried (mineral extraction).	Some prehistoric flintwork	A
57	Low	No information	Quarried (mineral extraction).	Pasture	Low
58	Low	No information	Quarried (mineral extraction).	Pasture	Low



Field	Stage 1 Cat.	DBA Results	Survey Results	Finds	Cat.
59	C	No information	-	Roman	D
60	C	No information	-	-	D
61	Low	No information	-	-	D
62	C	No information	-	-	D
63	C	No information	-	-	D
64	Low	No information	-	-	D
65	C	No information	-	-	D
66	Low	No information	-	-	D
67	Low	Not covered	-	-	D
68	C	Not covered	-	-	D
69	Low	Not covered	-	-	D
70	Low	Not covered	-	-	D
71	Low	Not covered	-	Pasture	D
72	A	Not covered, but in an area with a high concentration of cropmark sites.	Faint linear anomalies, one strong linear anomaly.	Arable	B
73	C	Not covered	Linear anomalies (Int 5).	Arable	D
74	C	Not covered	-	-	D
75	A	Cropmark of enclosures and linear features (later supplement).	Weak linear anomaly, possible field boundary, ferrous debris.	-	B
76	B	Not covered	Two areas defined: Area 1: Ephemeral linear and curvilinear anomalies. Area 2: Ferrous debris.	Roman and post-medieval pottery	C C
77	B	Not covered	Ephemeral linear and curvilinear anomalies.	-	C
78	B	Not covered	Linear anomalies (Int 5).	Pasture	C
79	B	Ridge and Furrow.	Strong linear feature with orthogonal linear features to the north, field system? Ridge and Furrow earthworks.	Pasture	B
80	B	No information	Ridge and Furrow earthworks.	Pasture	B
81	C	Ridge and Furrow cropmarks.	Linear anomalies, Ridge and Furrow earthworks.	Pasture	B
82	Low	Ridge and Furrow cropmarks and pond, now ploughed out.	Ploughed out Ridge and Furrow?	Arable	D
82A	Low	Ridge and Furrow cropmarks.	-	Arable	D
83	Low	No information	Ploughed out Ridge and Furrow?	Arable	D
84	A	Marshland	Weak linear features representing ploughed out Ridge and Furrow.	-	D
85	B	Ridge and Furrow cropmarks.	Linear anomalies, Ridge and Furrow earthworks.	Pasture	B
86	B	No information	-	-	D

Field	Stage 1 Cat.	DBA Results	Survey Results	Finds	Cat.
87	B	No information	Ephemeral linear and curvilinear anomalies.	Roman; medieval to post-medieval pottery	B
88	Not known /C	No information	Linear anomalies (Int 5). Alluvium.	Arable	Not known /C
89	Not known	No information	Alluvium	-	Not known
90	Not known	No information	Alluvium	-	Not known
91	Not known /B	Very near to cropmark of enclosures and linear feature.	Ephemeral linear and isolated anomalies. Alluvium.	-	Not known /B
92	Low	Lies immediately to the east of the Roman road, Great North Road A1 (RDX16).	Alluvium	Arable	Not known
93	A	Lies immediately to the west of the Roman road, Great North Road A1 (RDX16). Nearby crop enclosures, Anglo-Saxon find spots, Bronze Age cemetery.	Two areas defined: Area 1: Alluvium Area 2: Ephemeral linear and curvilinear anomalies? Alluvium.	Prehistoric flint scatter; Roman	Not known  Not known
94	Low	No information	Alluvium	-	Not known
95	Not known /B	No information	Two areas defined; Area 1: Geology? Linear anomalies? Alluvium. Area 2: Modern ploughing, field drains. Alluvium.	Roman	Not known /B Not known /B
96	Not known /B	No information	Linear and isolated anomalies, enclosures? Structures? Alluvium.	Roman	Not known /A
97	Not known /B	No information	Response from modern service masks weaker anomalies. Alluvium.	-	Not known
98	Not known	No information	Alluvium to HA 98/3	-	Not known
99	Not known /B	Linear drainage feature.	Two areas defined: Area 1: Ploughed out Ridge and Furrow and heavy modern ploughing. Alluvium HA99/2-3. Area 2: Ephemeral linear and curvilinear anomalies. Alluvium HA99/2-3.	Prehistoric flint scatter; Roman	Not known /C  Not known /B
100	Not known /B	No information	-	Prehistoric flint scatter; Roman	C



Field	Stage 1 Cat.	DBA Results	Survey Results	Finds	Cat.
101	A	Linear cropmarks.	Ploughed out Ridge and Furrow, possibly masking underlying features.	Some prehistoric flintwork; Roman; medieval and post-medieval pottery	C
102	Not known /A	Ridge and Furrow, now ploughed out. Cropmark site.	Two strong linear anomalies, survey not over cropmark. Alluvium from HA102/4.	-	Not known /C
103	Not known	No information	Alluvium	-	Not known
104	Not known	No information	Alluvium	-	Not known
105	Not known	No information	Alluvium	Arable	Not known
105A	Not known	No information	Alluvium	-	Not known
106	Not known	No information	Possible pits (Int 5). Alluvium	Arable	Not known /C
106A	Not known	No information	Alluvium	-	Not known
107	Not known	Cropmarks of linear features	Ploughed out Ridge and Furrow? Alluvium.	Pasture	Not known /C
107A	Not known	Cropmarks of enclosures	Alluvium	Roman	Not known /B
108	Not known	No information	Alluvium	Pasture	Not known
109	A	Not covered	Frequent linear anomalies, enclosure system, phases of activity.	Pasture	A
110	Not known	Not covered	Ploughed out Ridge and Furrow? Alluvium from HA110/3.	-	Not known /C
110A	B	Prehistoric find spots and a cropmark nearby (supplementary information).	Weak linear and curvilinear features obscured by modern ploughing.	Prehistoric flint scatter; Roman	B
111	Not known/A	Not covered	Parallel linear features, probably ploughed out ridge and furrow or field drains. Alluvium to HA111/1.	Some flintwork; Roman; medieval and post-medieval pot and tile;	Not known /C
112	A	Not covered	Ephemeral linear and curvilinear anomalies.	Prehistoric flint scatter; Roman	B
113	B	Not covered	-	Roman; medieval and post-medieval pottery	C

Field	Stage 1 Cat.	DBA Results	Survey Results	Finds	Cat.
114	Low	Not covered	-	Roman	C
115	Low	Not covered	Alluvium from HA115/2.	Some flintwork	Not known /D
116	Low	Not covered	Alluvium	Roman	Not known /D
117	C	(Not covered), Neolithic finds spot.	Alluvium	Arable	Not known
118	B	Cropmarks of enclosures and linear features.	Two areas defined; Area 1: Ephemeral linear and curvilinear anomalies. Alluvium. Area 2: Ploughing? Alluvium.	Arable	Not known /B Not known /B
119	B	Cropmarks of enclosures and linear features.	Faint anomalies (Int 5); disturbed ground. Alluvium.	Meadow	Not known /B
120	Not known	No information	Made ground. Alluvium.	Hard standing	Not known /Low
121	Not known	Timber bridge supports.	Alluvium	-	Not known /A
122	Not known	No information	Alluvium	-	Not known
123	Not known/A	Close to ploughed out Ridge and Furrow.	Large strong anomaly, geology? palaeochannel? Alluvium.	Arable	Not known /C
124	Not known /A	Close to cropmark buildings and settlement site of unknown date.	Large strong anomaly, geology? palaeochannel? Alluvium.	-	Not known /B
125	Not known /A	Close to cropmark buildings and settlement site of unknown date.	Large strong anomaly, geology? palaeochannel? Alluvium	Arable	Not known /B
126	Not known	No information	Alluvium	-	Not known
127	Not known	No information	Alluvium	-	Not known
128	Not known	No information	Alluvium	-	Not known
129	Not known	No information	Alluvium	-	Not known
130	Not known	No information	Disturbed ground. Alluvium.	Meadow	Not known /Low

Fourteen fields have been graded as Category A:

*Field 1* The Stage 2 geophysical survey in this field defined at least two curvilinear features which appear to be large enclosures (Fig.2). Although the fieldwalking only recovered a few sherds of Roman pottery and a possible knife handle, the presence of a late Iron Age or Romano-British settlement site in the adjacent field suggests that these possible enclosures may also relate to settlement activity.

*Field 18* The fieldwalking recovered a significant concentration of prehistoric flintwork from this field including tools and waste material. The Stage 2 geophysical survey appears



to have defined the remains of heavy ploughing which may have seriously disturbed the distribution of the flint assemblage along with any associated features. This field, however, lies within an area of prehistoric activity characterised by pit alignments and barrows.

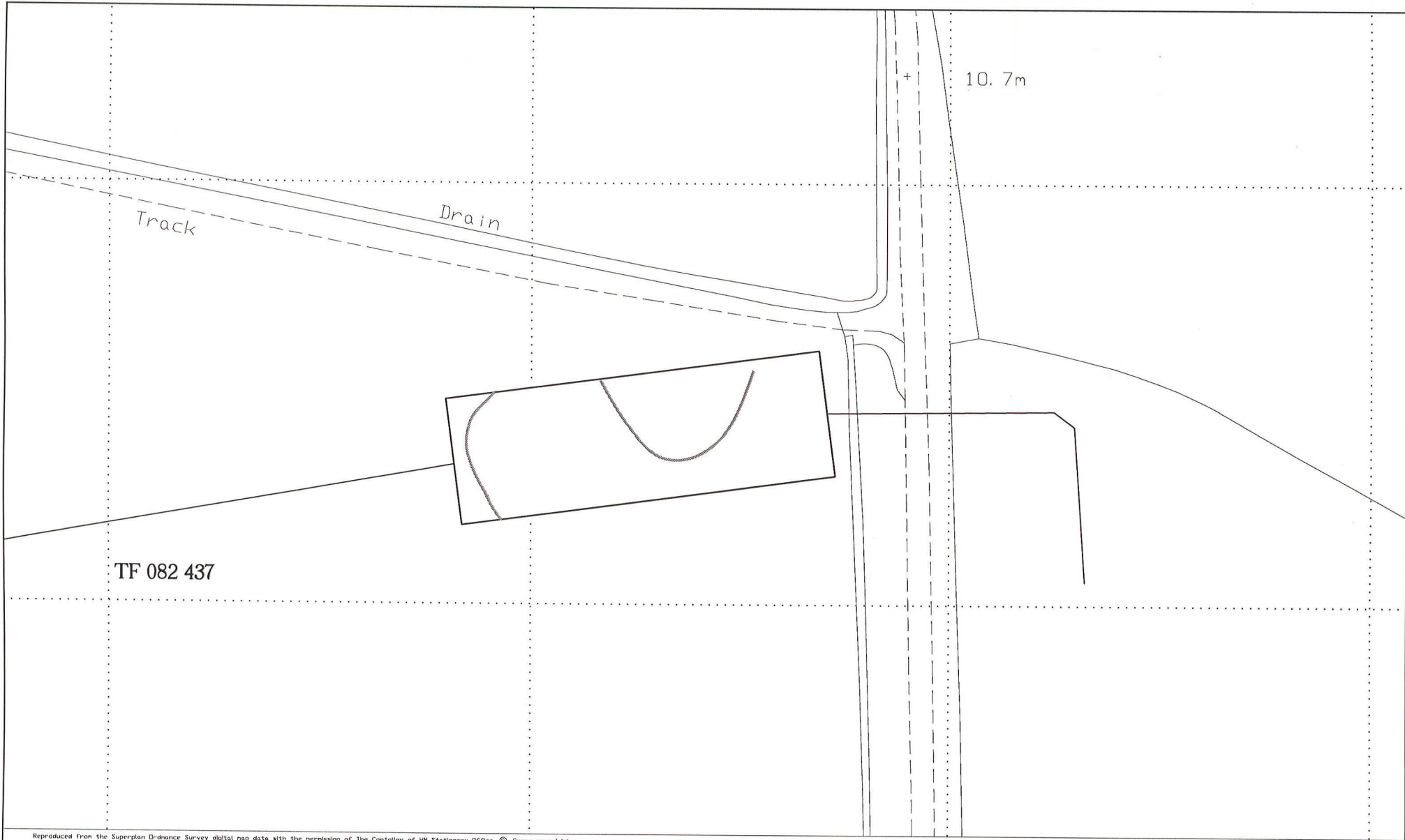
- Field 19* Same as Field 18.
- Field 20* A concentration of flintwork similar to that recovered from Fields 18 and 19 was also recovered from this field along with few sherds of Roman pottery. This field also lies within the area of known prehistoric activity. The Stage 2 geophysical survey defined linear and curvilinear features which have been interpreted as enclosures, including a possible entrance.
- Field 34* Although this field was under pasture at the time of the reconnaissance programme, a mesolithic flint scatter had been previously recovered in this area. The Stage 2 geophysical survey defined a series of possible enclosures in the centre of the field which may have been focussed around a trackway.
- Field 37* This field lies immediately to the west of a Roman road (Ermine Street). A few sherds of Roman pottery and a scatter of flintwork were recovered from this field during the fieldwalking survey. The Stage 2 geophysical survey defined a series of linear and curvilinear features (Fig.3).
- Field 45* A moderate assemblage of Roman pottery was recovered from this field. The Stage 2 geophysical survey defined a large number of linear and curvilinear anomalies which have been interpreted as enclosures (Fig.4). The geophysical survey results appear to indicate that this area has been heavily plough damaged.
- Field 49* Fieldwalking recovered a high status glass bead of early medieval date from this field. The Stage 2 geophysical survey defined a group of ephemeral circular features. Although the interpretation of the features defined by the geophysical survey is problematic, the presence of the glass bead may indicate that a cemetery site exists within this area.
- Field 54* This field was originally described in the Desk-Based Assessment as containing the remains of ridge and furrow ploughing, although the walkover survey (Stage 1, Int 1) proved that this has now been ploughed out. Two concentrations of finds were recognised from the fieldwalking (Stage 1, Int 2), one group predominantly Roman in date to the east, and one prehistoric to the west. Consequently, two areas were chosen for area geophysics and the results reflected the finds distribution. The eastern area showed a network of very clear rectilinear enclosures, the size, shape and density of which suggest a possible Roman settlement; and the western area contained similar

rectilinear enclosures but also showed curvilinear features which may represent earlier, prehistoric activity (Fig.5).

- Field 55* The fieldwalking recovered a scatter of Roman and prehistoric finds from this field. The Stage 2 geophysical survey defined linear and curvilinear anomalies at the eastern end of the field which appear to indicate that enclosures survive within this area (Fig.6). This field also appears to contain ploughed out ridge and furrow along with heavy modern ploughing.
- Field 56* The fieldwalking survey in this field recovered a few flint finds. The Stage 2 geophysical survey, however, clearly defined linear, curvilinear and circular features which have been interpreted as the remains of settlement activity (Fig.7). These remains also seem to have been damaged by ridge and furrow and modern ploughing.
- Field 96* The fieldwalking recovered two sherds of Roman pottery from this field, however, the Stage 2 geophysical survey clearly defined a series of linear features forming an enclosure system (Fig.8). Although these features may form part of a widespread field system, the presence of two large isolated features may indicate that they relate to settlement rather than agricultural activity. Alluvial deposits were identified in this field by the hand auger survey, the presence of which may be reflected by a large anomaly defined by the geophysical survey in the western part of the field.
- Field 109* This field was not on the line covered by the Desk-Based Assessment but lies near to a cropmark enclosure. The geophysical survey clearly showed features belonging to a rectilinear enclosure system, overlying a series of curvilinear features (Fig.9). It was not possible to fieldwalk this field since it was under pasture, but the character of the recorded features suggest that this may be a Roman field system overlying an earlier phase of activity.
- Field 121* As is the case with many fields in this area of the pipeline route, alluvial deposits potentially mask any underlying archaeology. In this case, however, the Desk-Based Assessment reported on the discovery of timber bridge supports in this area. Irrespective of whether the pipeline corridor disturbs the remains of the bridge, there is a strong possibility of encountering other associated structures such as roads and nearby settlement.

Twenty two fields have been graded as Category B, including five fields which contain ridge and furrow earthworks. A further sixty three fields have been classified as Category C and D. Seven fields have been wholly graded as 'low' and twenty nine as 'not known'. The presence of alluvial deposits along 11km of the pipeline route accounts for the large number of fields where the archaeological potential has been classified as 'not known' as these deposits potentially conceal any archaeological remains from detection by non-invasive investigative techniques.





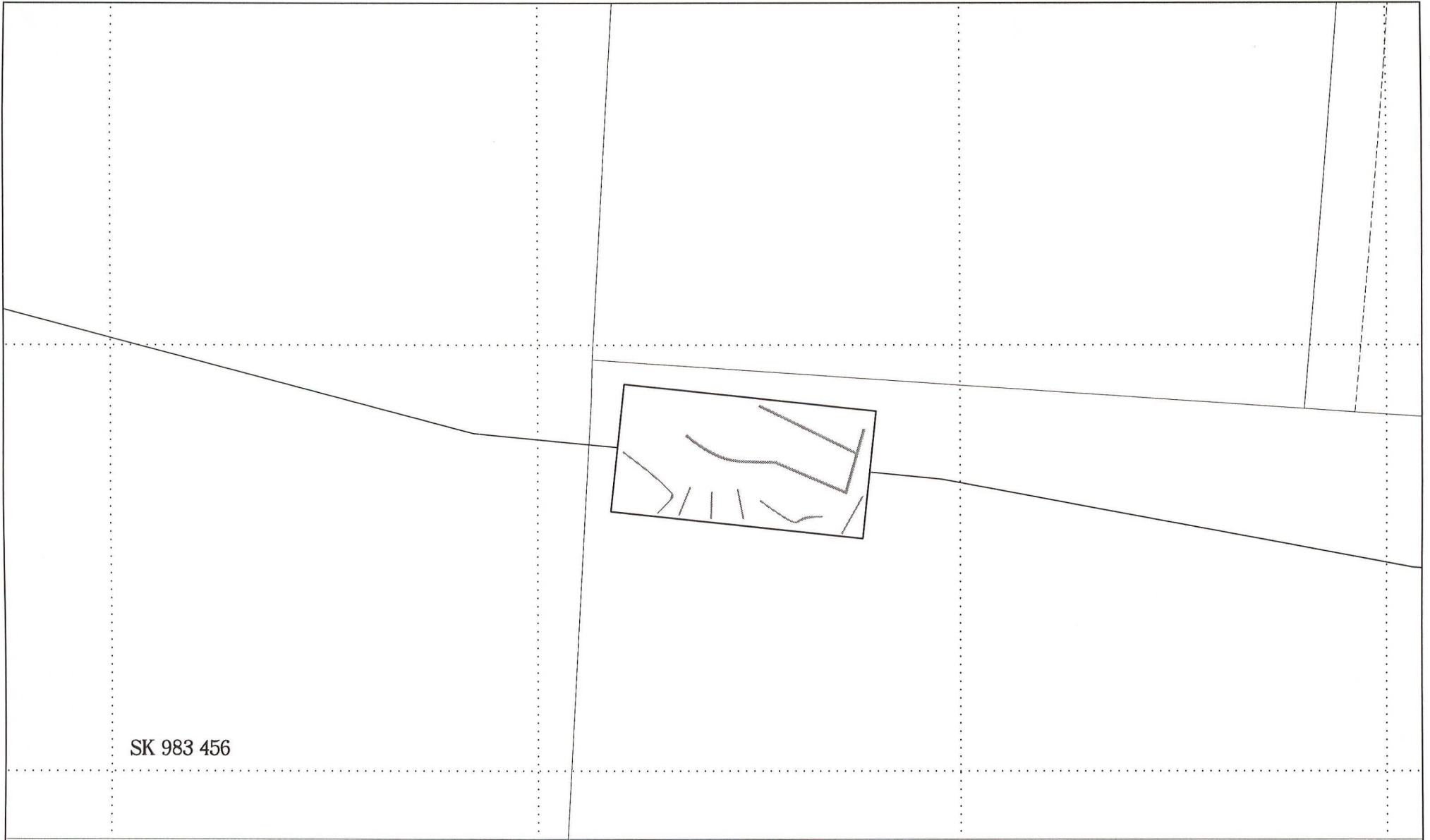
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Interpretation map of magnetometer area survey results Field 1

Scale 1:1250



Figure 2



SK 983 456

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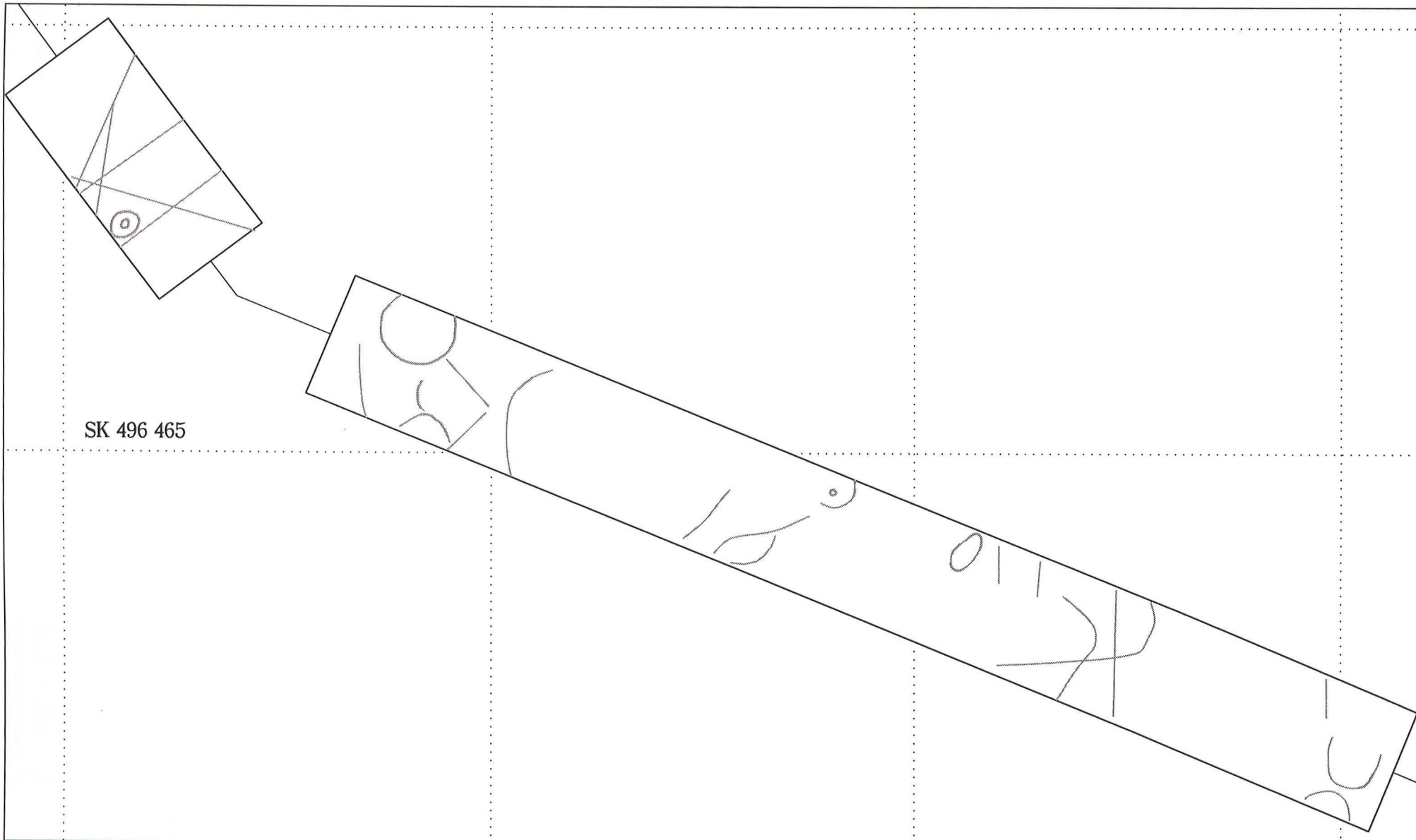
Interpretation map of magnetometer area survey results Field 37

Scale 1:1250



Figure 3





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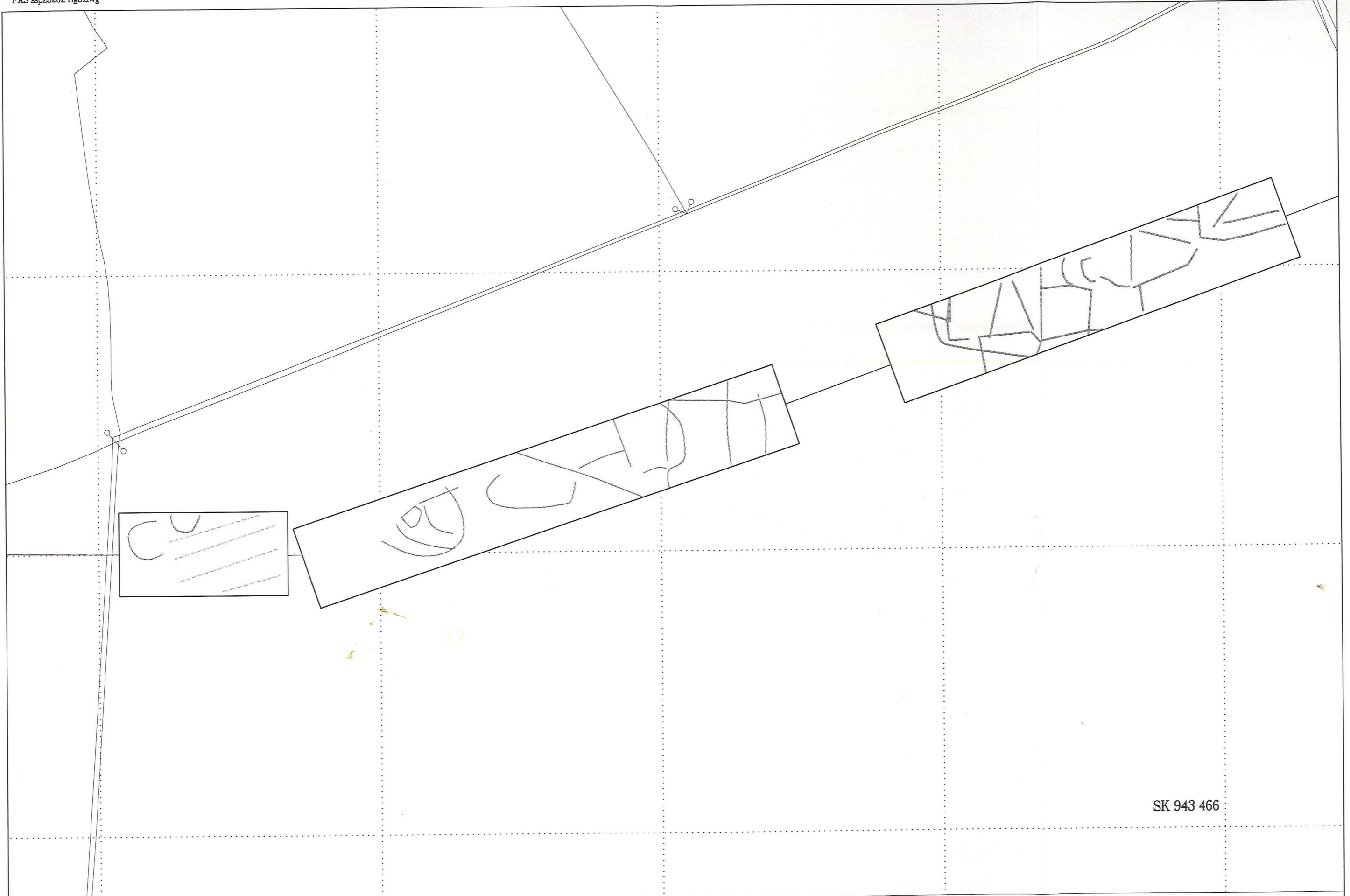


Interpretation map of magnetometer area survey results Field 45 Area 2

Scale 1:1250



Figure 4



SK 943 466

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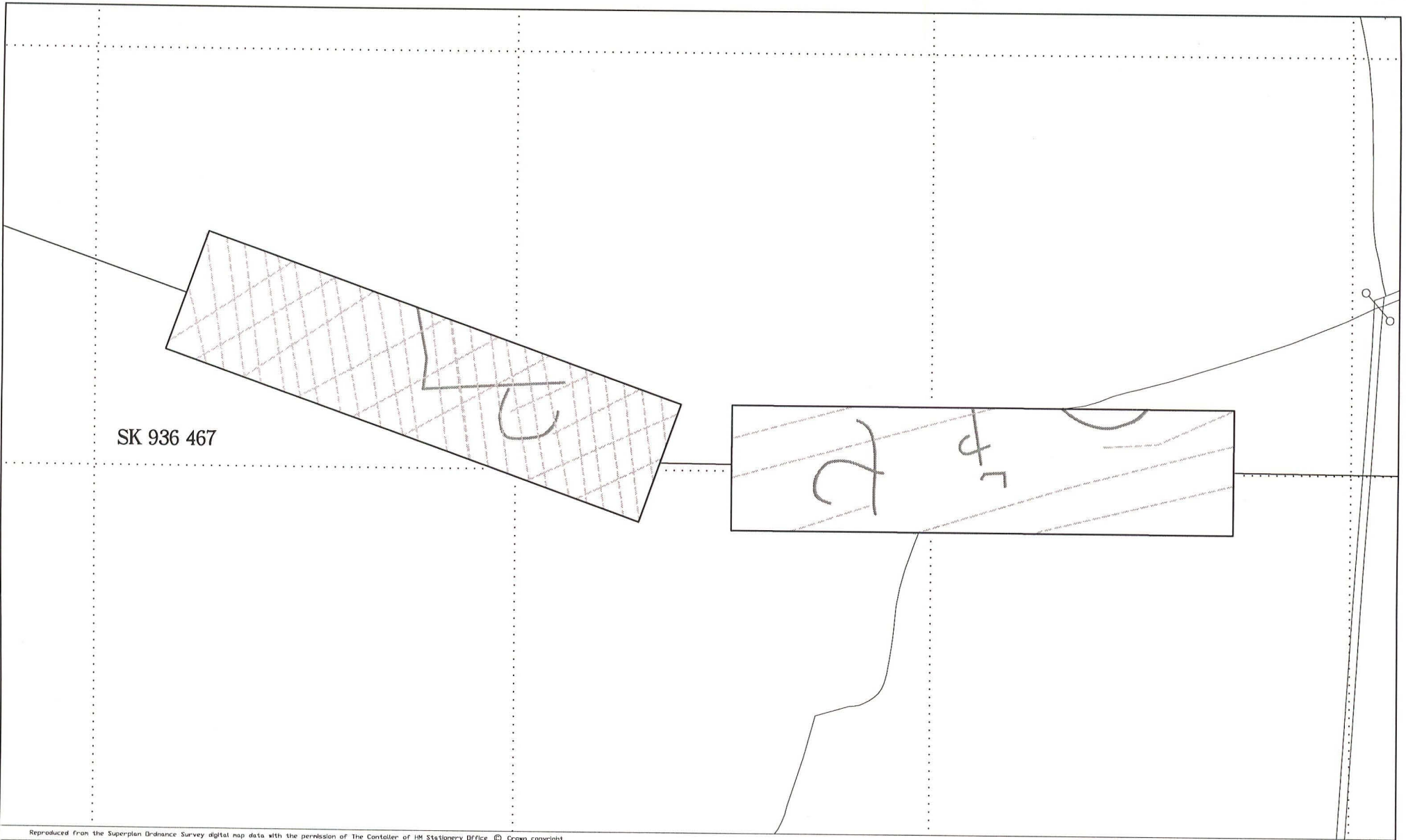
Interpretation map of magnetometer area survey results Field 54

Scale 1:1250



Figure 5





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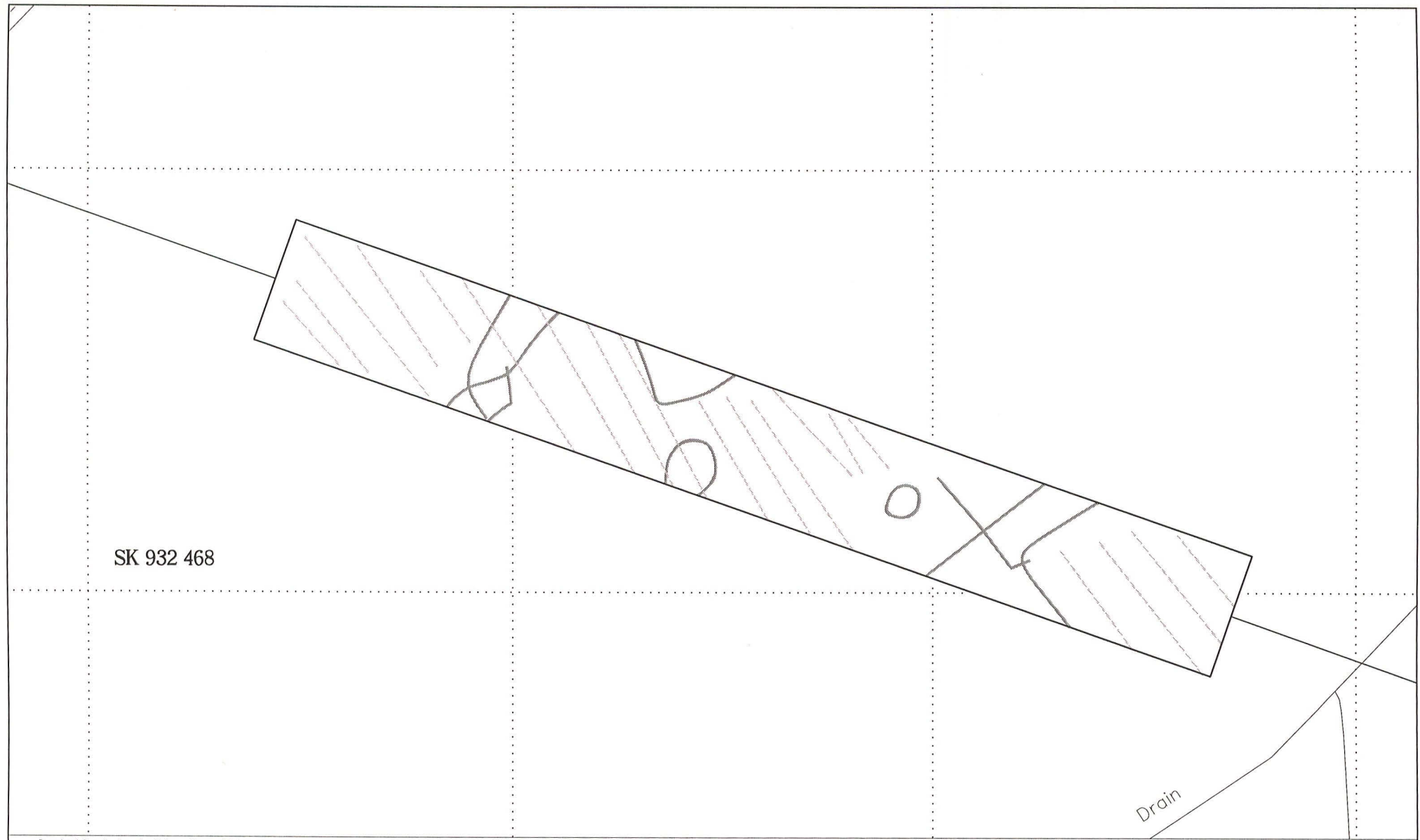


Interpretation map of magnetometer area survey results Field 55

Scale 1:1250



Figure 6



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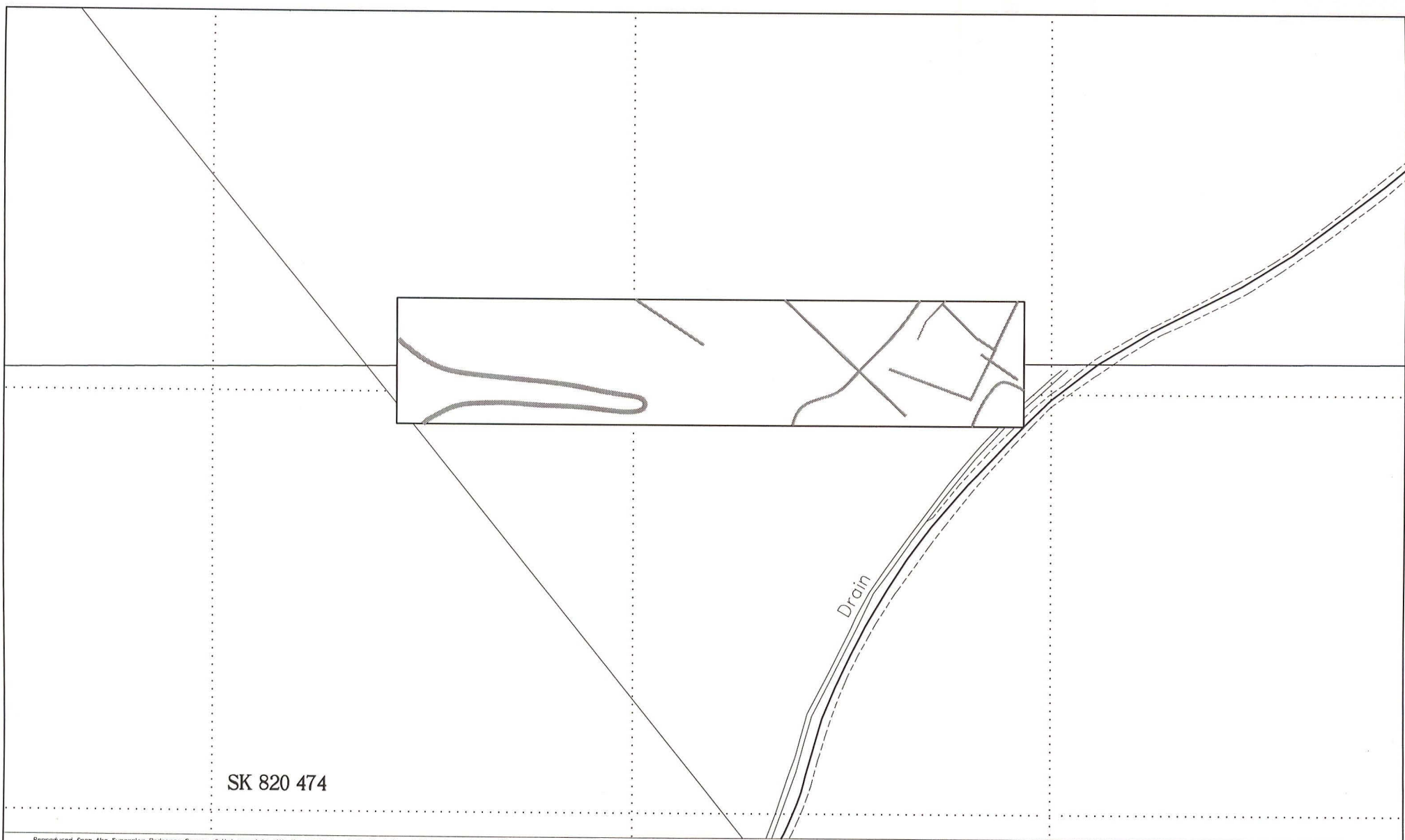
Interpretation map of magnetometer area survey results Field 56

Scale 1:1250



Figure 7





SK 820 474



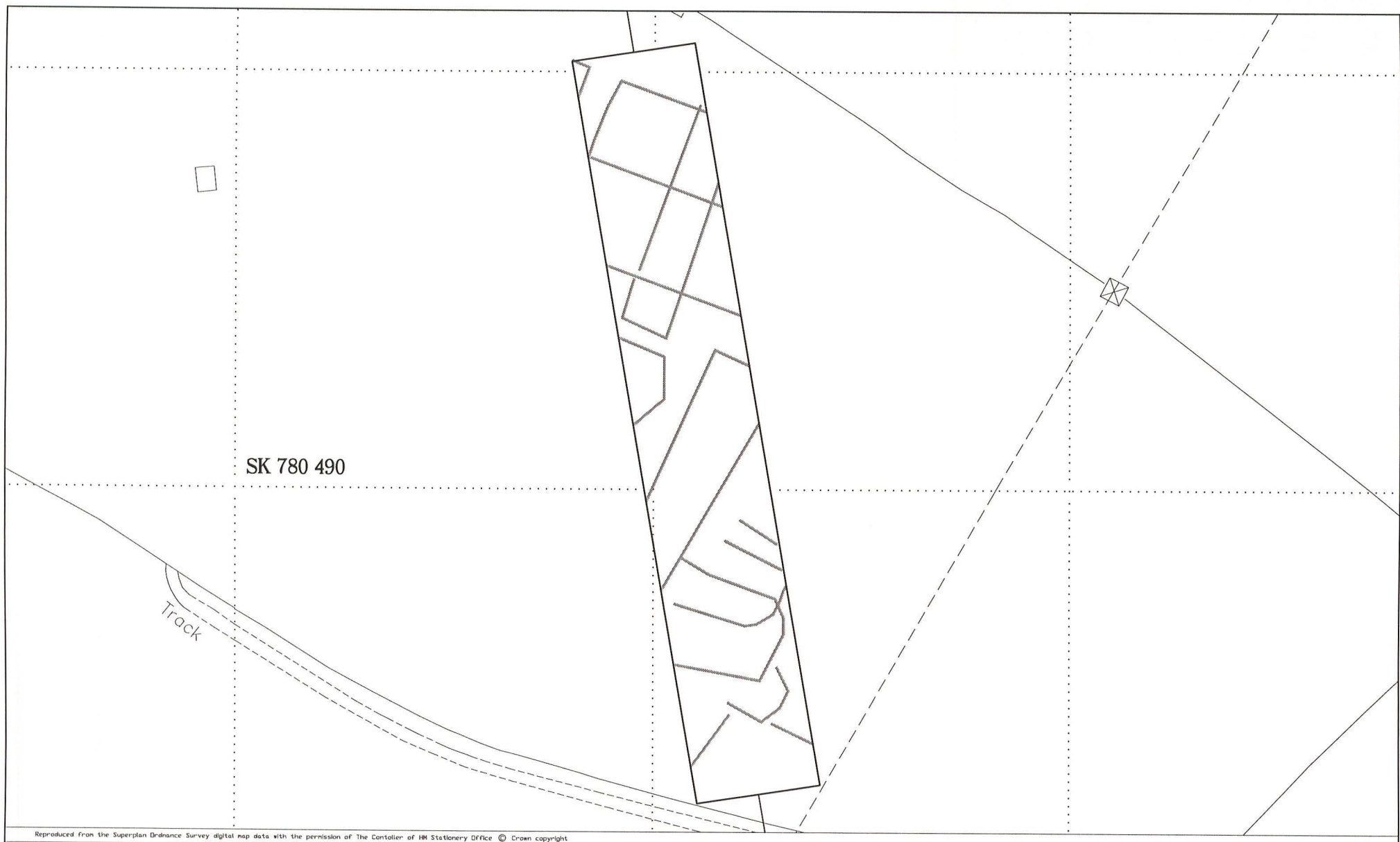
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Interpretation map of magnetometer area survey results Field 96

Scale 1:1250



Figure 8



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Interpretation map of magnetometer area survey results Field 109

Scale 1:1250



Figure 9



## 7.0 RECOMMENDATIONS

### 7.1 Evaluation (Phase 3)

All foci of archaeological remains within Category A fields should be the subject of evaluation by trial trenching in order to characterise and more fully assess the archaeological potential of these sites. A detailed scheme of investigation, including site specific methodologies, should be prepared in consultation with the relevant archaeological curators.

Dependent upon the results of the evaluation of Category A areas, selected Category B areas may also warrant further investigation. All surviving earthworks within the pipeline corridor should be the subject of topographic survey which should record the full extent of earthworks within the field.

### 7.2 Avoidance

Non-archaeological constraints permitting, it may be possible to avoid highly significant archaeological sites through minor modification to the pipeline route. Further area geophysical survey may be required to assess the feasibility of any such modifications.

### 7.3 Pre-construction Excavation (Phase 4)

Where highly significant archaeological sites cannot be avoided through modification to the pipeline route, pre-construction area excavation may be required to adequately investigate and record any such sites. This approach may also reduce the risk of delays to the construction programme caused by necessary archaeological mitigation work.

### 7.4 Alluvium

A large proportion of the pipeline route contains alluvial deposits (c.28%). These deposits effectively mask archaeological remains from detection by non-invasive investigative techniques. The archaeological potential of the areas covered by alluvial deposits should not be underestimated as alluvium has often been found to conceal exceptionally well preserved archaeological remains and valuable environmental data. Clearly, an effective strategy is required for mitigating against the effects of the construction programme on significant archaeological remains which may be concealed beneath alluvium. An appropriate scheme of investigation, including a detailed environmental sampling strategy, should therefore be prepared in consultation with the relevant archaeological curator.

### 7.5 Watching Brief (Phase 5)

A permanent watching brief presence should also be maintained during the construction programme. All groundworks including topsoil stripping and pipe-trench excavation should be archaeologically

monitored. A detailed specification for the watching brief, including an appropriate environmental sampling strategy, should be prepared in consultation with the relevant archaeological curators.

## 8.0 ARCHIVE

The archive has been prepared in accordance with the requirements of the Lincoln City and County Museum. On completion of the project, landowners will be encouraged to donate finds to the City and County Museum.



## APPENDIX A GAZETTEER OF SURVEYS BY FIELD

Field	Condition	Int.1 Walk over	earth- work?	Int.2 Field Walk	Stint Length (m)	Vis	Int.3 Int.4 Geo	Int.5 Line Geo	Stint Length (m)	Int.6 Area Geo	Survey Length (m)	Strip Map No
1	arable	Y	N	Y	540	C	Y	N	-	Y	90	1
2	arable	Y	N	Y	400	D	Y	N	-	N	-	1
3	arable	Y	N	Y	500	B	Y	N	-	N	-	1
4	arable	Y	N	N	-	-	N	Y	300	N	-	1,2
5	arable	Y	N	Y	350	D	Y	N	-	N	-	2
6	arable	Y	N	N	-	-	N	Y	140	N	-	2
7	arable	Y	N	Y	270	D	Y	N	-	N	-	2
8	arable	Y	N	Y	250	B	N	N	-	N	-	2
9	arable	Y	N	Y	310	D	N	N	-	N	-	2
10	arable	Y	N	Y	370	E	N	N	-	N	-	2,3
11	arable	Y	N	Y	360	B	N	N	-	N	-	3
12	arable	Y	N	Y	300	D	N	N	-	N	-	3
13	arable	Y	N	Y	290	D	N	N	-	N	-	3
14	arable	Y	N	Y	100	D	N	N	-	N	-	3
15	pasture	Y	N	N	-	-	N	Y	90	N	-	3
16	pasture	Y	N	N	-	-	N	Y	250	Y	60	3
17	pasture	Y	N	N	-	-	N	Y	200	Y	60	3
18	arable	Y	N	Y	240	B	Y	N	-	Y	60	3,4
19	arable	Y	N	Y	240	B	Y	N	-	Y	90	4
20	arable	Y	N	Y	450	B	Y	N	-	Y	90	4
21	arable	Y	N	N	-	-	N	Y	200	Y	60	4
22	arable	Y	N	N	-	-	N	Y	100	Y	60	4
23	arable	Y	N	Y	210	C	Y	N	-	N	-	4
24	arable	Y	N	Y	210	B	Y	N	-	N	-	4
25	arable	Y	N	Y	170	B	Y	N	-	N	-	4,5
26	arable	Y	N	N	-	-	N	Y	300	N	-	5
27	arable	Y	N	N	-	-	N	N	-	N	-	5
28	pasture	Y	N	N	-	-	N	Y	200	N	-	5
29	pasture	Y	N	N	-	-	N	Y	240	Y	120	5
30	arable	Y	N	Y	380	E	N	Y	380	N	-	5
31	arable	Y	N	Y	500	A	Y	N	-	Y	60	5
32	pasture	Y	N	N	-	-	N	Y	350	Y	60	5,6
33	pasture	Y	N	N	-	-	N	Y	350	Y	60	6
34	pasture	Y	N	N	-	-	N	Y	300	Y	90	6
35	pasture	Y	N	N	-	-	N	Y	400	N	-	6
36	pasture	Y	N	N	-	-	N	Y	350	Y	90	6
37	arable	Y	N	Y	270	C	Y	N	-	Y	60	7
38	arable	Y	N	Y	250	E	Y	N	-	Y	60	7
39	arable	Y	N	Y	290	E	Y	N	-	N	-	7

Field	Condition	Int.1 Walk over	earth- work?	Int.2 Field Walk	Stint Length (m)	Vis	Int.3 Int.4 Geo	Int.5 Line Geo	Stint Length (m)	Int.6 Area Geo	Survey Length (m)	Strip Map No
40	pasture	Y	N	N	-	-	N	Y	250	N	-	7
41	pasture	Y	N	N	-	-	N	Y	200	N	-	7
42	pasture	Y	N	N	-	-	N	Y	200	N	-	7
43	pasture	Y	N	N	-	-	N	Y	200	Y	60	7
44	pasture	Y	N	N	-	-	N	Y	350	N	-	8
45	arable	Y	N	Y	820	C	Y	N	-	Y	390	8
46	pasture	Y	N	N	-	-	N	Y	150	N	-	8
47	pasture	Y	N	N	-	-	N	Y	150	N	-	8
48	pasture	Y	Y	N	-	-	N	Y	100	N	-	8
49	arable	Y	N	Y	470	C	Y	N	-	Y	60	8,9
50	pasture	Y	N	N	-	-	N	N	-	N	-	9
51	arable	Y	N	Y	210	C	Y	N	-	N	-	9
52	arable	Y	N	Y	170	C	Y	N	-	N	-	9
53	pasture	Y	N	N	-	-	N	Y	150	N	-	9
54	arable	Y	N	Y	480	B	Y	N	-	Y	390	9
55	arable	Y	N	Y	410	B	Y	N	-	Y	240	9
56	arable	Y	N	Y	350	D	Y	N	-	Y	240	9,10
57	pasture	Y	N	N	-	-	N	N	-	N	-	10
58	pasture	Y	N	N	-	-	N	N	-	N	-	10
59	arable	Y	N	Y	360	C	Y	N	-	N	-	10
60	arable	Y	N	Y	280	B	Y	N	-	N	-	10
61	arable	Y	N	Y	360	E	Y	N	-	N	-	10
62	arable	Y	N	Y	220	C	Y	N	-	N	-	10
63	arable	Y	N	Y	180	D	Y	N	-	N	-	10
64	arable	Y	N	Y	170	D	Y	N	-	N	-	11
65	arable	Y	N	Y	300	C	Y	N	-	N	-	11
66	arable	Y	N	Y	350	D	Y	N	-	N	-	11
67	arable	Y	N	Y	200	B	Y	N	-	N	-	11
68	arable	Y	N	Y	680	C	Y	N	-	N	-	11
69	arable	Y	N	Y	300	C	Y	N	-	N	-	12
70	arable	Y	N	Y	310	D	Y	N	-	N	-	12
71	pasture	Y	N	N	-	-	N	Y	50	N	-	12
72	arable	Y	N	N	-	-	N	Y	50	Y	30	12
73	arable	Y	N	N	-	-	N	Y	200	N	-	12
74	arable	Y	N	Y	230	C	Y	N	-	N	-	12
75	arable	Y	N	Y	430	C	Y	N	-	Y	120	12,13
76	arable	Y	N	Y	720	B	Y	N	-	Y	120	13
77	arable	Y	N	Y	560	C	Y	N	-	Y	60	13
78	pasture	Y	N	N	-	-	N	Y	150	N	-	13
79	pasture	Y	Y	N	-	-	N	Y	100	Y	60	13
80	pasture	Y	Y	N	-	-	N	Y	300	N	-	14



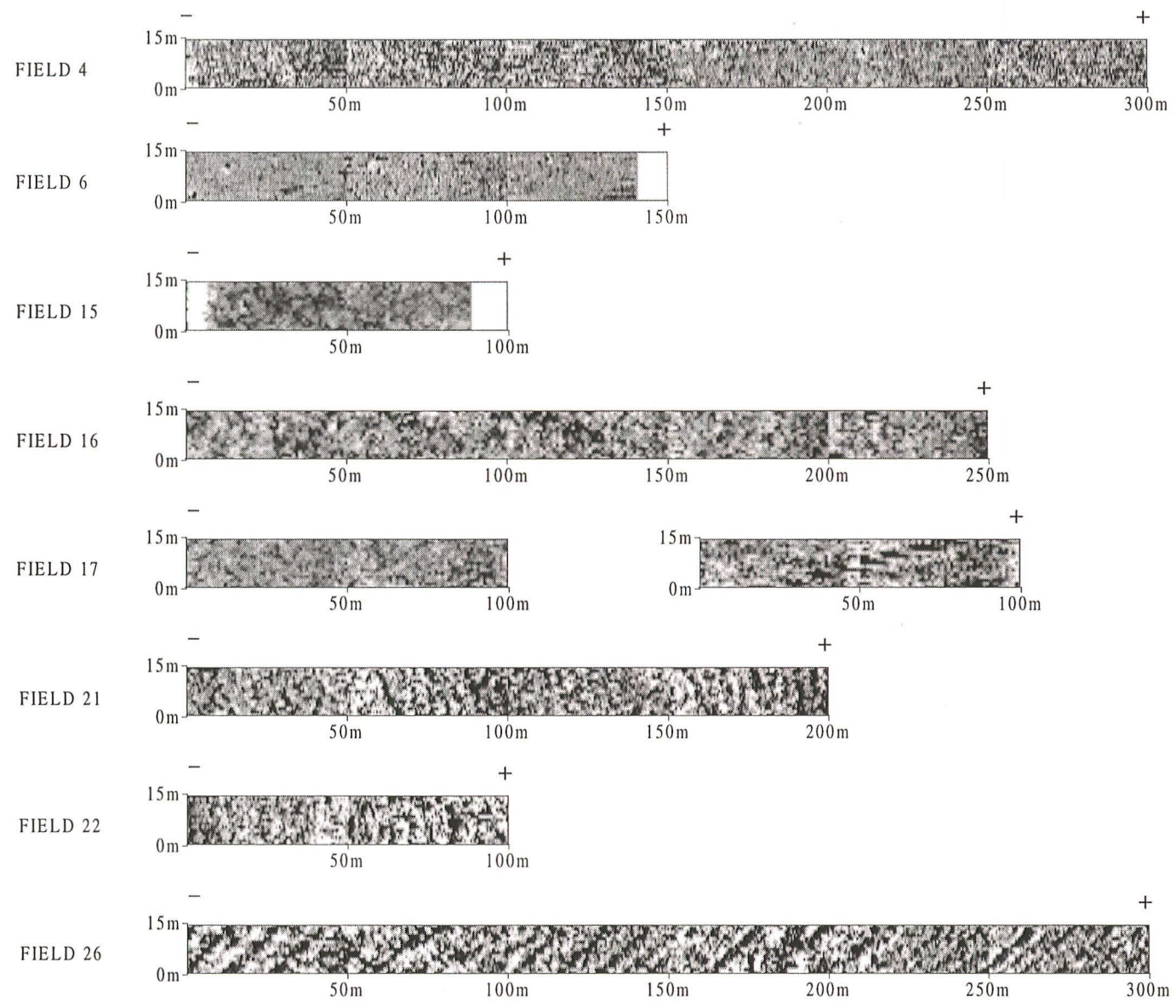
Field	Condition	Int.1 Walk over	earth- work?	Int.2 Field Walk	Stint Length (m)	Vis	Int.3 Int.4 Geo	Int.5 Line Geo	Stint Length (m)	Int.6 Area Geo	Survey Length (m)	Strip Map No
81	pasture	Y	Y	N	-	-	Y	Y	150	N	-	14
82	arable	Y	N	N	-	-	N	Y	200	N	-	14
83	arable	Y	N	N	-	-	N	Y	150	N	-	14
84	arable	Y	N	Y	310	B	Y	N	-	Y	60	14
85	pasture	Y	Y	N	-	-	N	Y	100	N	-	14
86	arable	Y	N	Y	450	B	Y	N	-	Y	60	14
87	arable	Y	N	Y	400	D	Y	N	-	Y	60	14,15
88	arable	Y	N	N	-	-	N	Y	200	N	-	15
89	arable	Y	N	Y	200	B	Y	N	-	N	-	15
90	arable	Y	N	Y	230	B	Y	N	-	N	-	15
91	arable	Y	N	Y	280	A	Y	N	-	Y	60	15
92	arable	Y	N	N	-	-	N	Y	50	N	-	15
93	arable	Y	N	Y	320	B	Y	N	-	Y	120	15
94	arable	Y	N	Y	120	B	Y	N	-	N	-	16
95	arable	Y	N	Y	360	C	Y	N	-	Y	180	16
96	arable	Y	N	Y	170	C	Y	N	-	Y	150	16
97	arable	Y	N	Y	630	D	Y	N	-	Y	60	16
98	arable	Y	N	Y	440	D	Y	N	-	N	-	16
99	arable	Y	N	Y	360	A	Y	N	-	Y	120	16,17
100	arable	Y	N	Y	440	D	Y	N	-	Y	60	17
101	arable	Y	N	Y	360	D	Y	N	-	Y	60	17
102	arable	Y	N	Y	610	D	Y	N	-	Y	60	17
103	arable	Y	N	Y	160	B	Y	N	-	N	-	17
104	arable	Y	N	Y	180	C	Y	N	-	N	-	18
105	arable	Y	N	N	-	-	N	Y	200	N	-	18
105A	arable	Y	N	Y	280	C	Y	N	-	N	-	18
106	arable	Y	N	N	-	-	N	Y	200			18
106A	arable	Y	N	Y	470	E	Y	N	-	N	-	18
107	pasture	Y	N	N	-	-	N	Y	250	N	-	18
107A	arable	Y	N	Y	210	A	Y	N	-	N	-	18
108	pasture	Y	N	N	-	-	N	Y	50	N	-	18
109	pasture	Y	N	N	-	-	N	Y	150	Y	180	18
110	arable	Y	N	Y	190	C	Y	Y	100	Y	120	18
110A	arable	Y	N	Y	380	C	Y	N	-	Y	90	18
111	arable	Y	N	Y	240	A	Y	N	-	Y	60	18,19
112	arable	Y	N	Y	190	B	Y	N	-	Y	60	19
113	arable	Y	N	Y	230	E	Y	N	-	-	-	19
114	arable	Y	N	Y	150	E	Y	N	-	N	-	19
115	arable	Y	N	Y	410	B	Y	N	-	N	-	19
116	arable	Y	N	Y	170	E	Y	N	-	N	-	19
117	arable	Y	N	N	-	-	N	Y	140	N	-	19

Field	Condition	Int.1 Walk over	earth- work?	Int.2 Field Walk	Stint Length (m)	Vis	Int.3 Int.4 Geo	Int.5 Line Geo	Stint Length (m)	Int.6 Area Geo	Survey Length (m)	Strip Map No
118	arable	Y	N	N	-	-	N	Y	300	Y	120	19
119	rough meadow	Y	N	N	-	-	N	Y	80	N	-	20
120	hard- standing	Y	N	N	-	-	N	N	-	N	-	20
121	arable	Y	N	Y	710	A	Y	N	-	N	-	20
122	arable	Y	N	Y	50	B	Y	N	-	N	-	20
123	arable	Y	N	N	-	-	N	Y	250	Y	90	20
124	arable	Y	N	Y	60	B	Y	N	-	Y	30	20,21
125	arable	Y	N	N	-	-	N	Y	200	Y	60	20,21
126	arable	Y	N	Y	360	E	Y	N	-	N	-	21
127	arable	Y	N	Y	110	C	Y	N	-	N	-	21
128	arable	Y	N	Y	230	A	Y	N	-	N	-	21
129	arable	Y	N	Y	140	A	Y	N	-	N	-	21
130	rough meadow	Y	N	N	-	-	N	N	-	N	-	21



**APPENDIX B**

**RESULTS OF MAGNETOMETER LINE SURVEY (STAGE 1)**

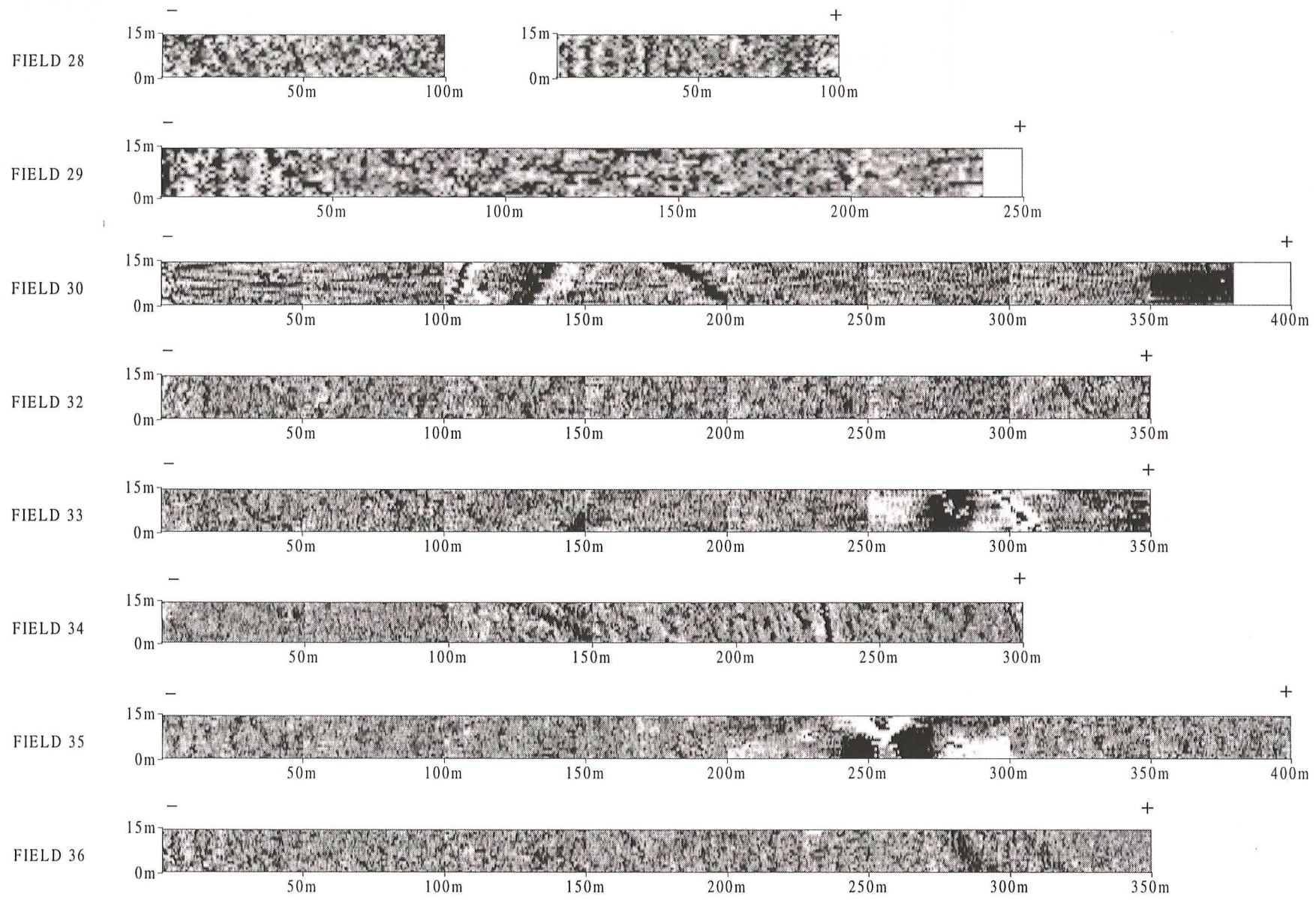


Results of magnetometer line survey (data clipped to  $\pm 1$ nT)

Scale 1:2000

Figure B1



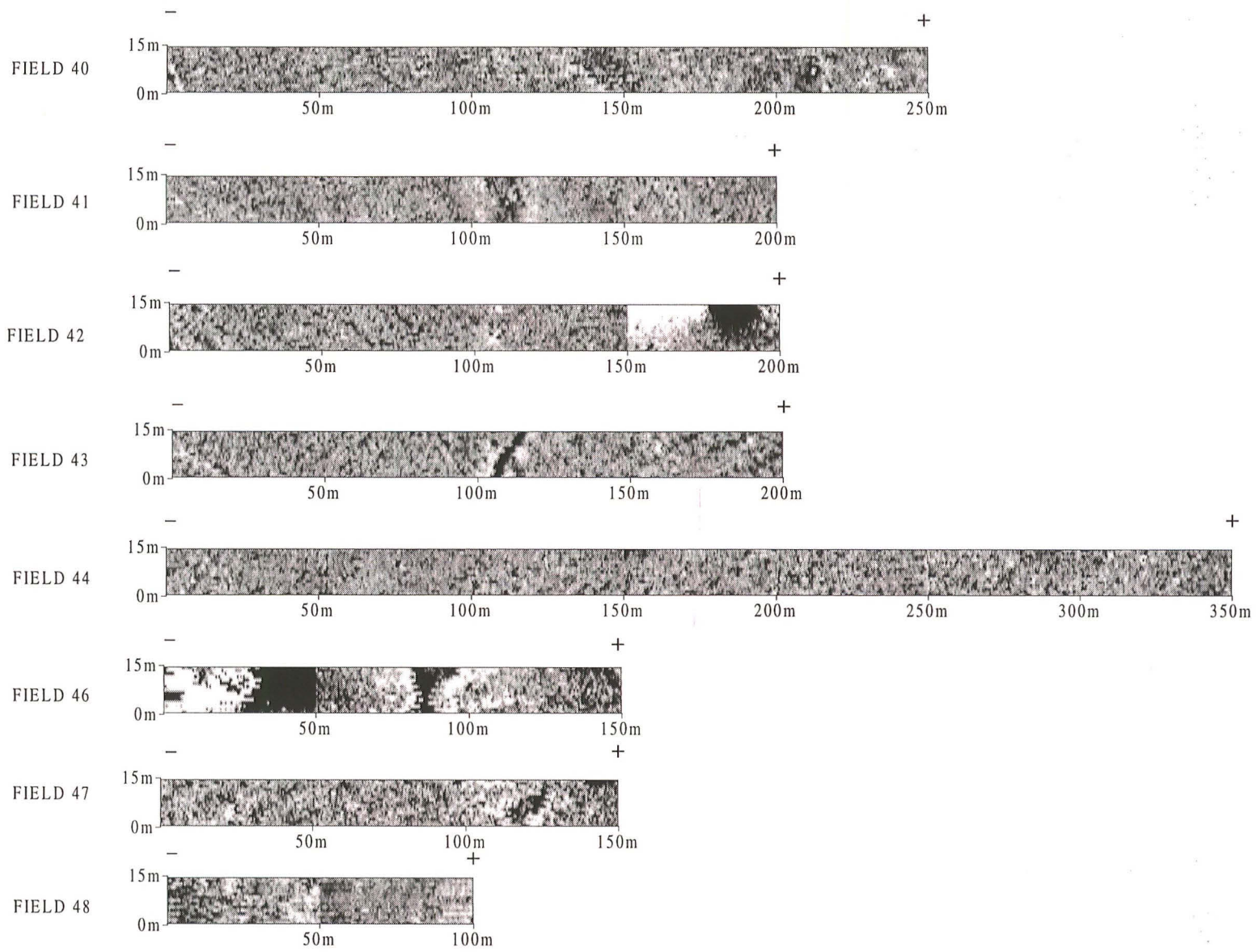


Results of magnetometer line survey (data clipped to  $\pm 1nT$ )

Scale 1:2000

Figure B2



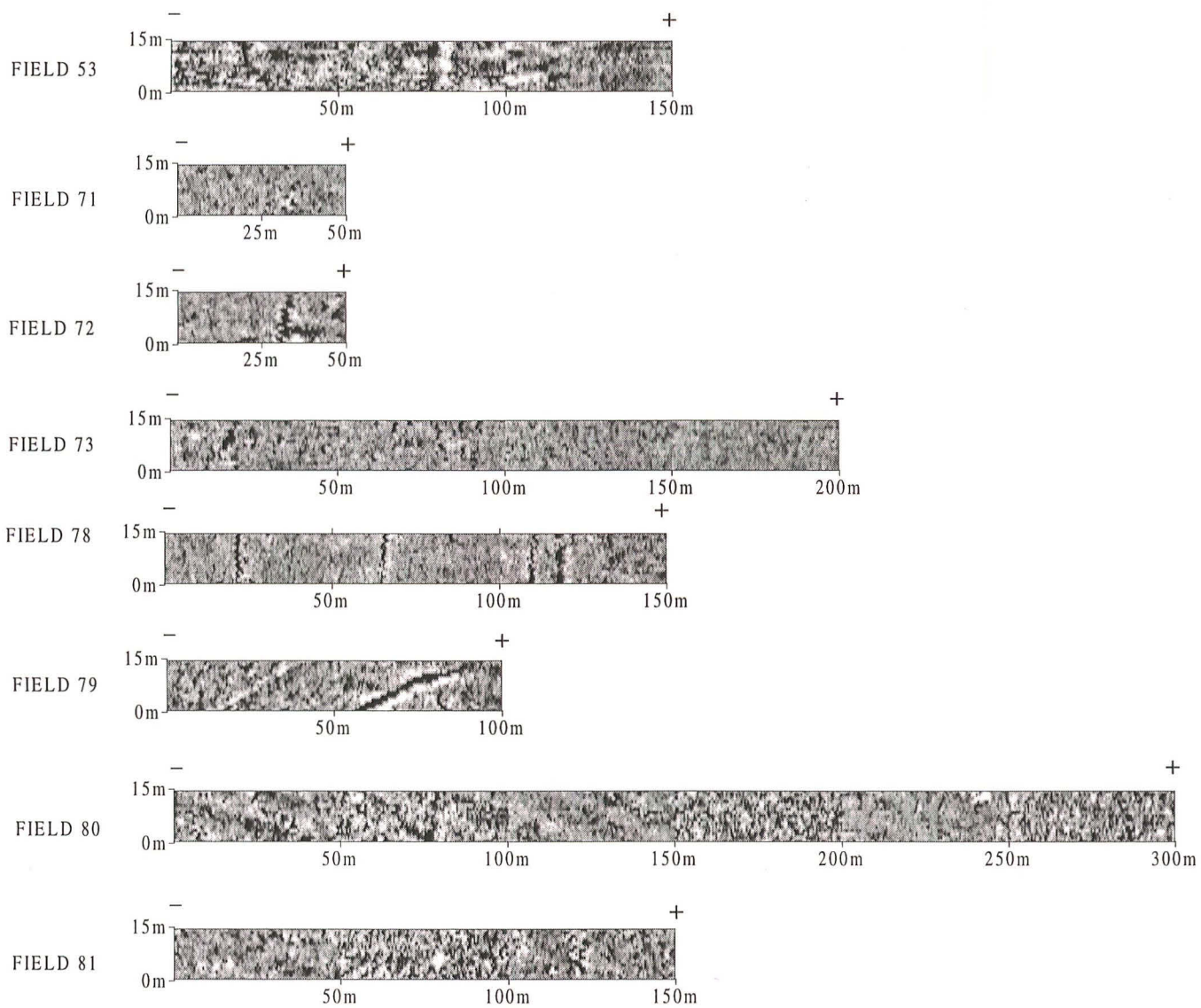


Results of magnetometer line survey (data clipped to  $\pm 1$ nT)

Scale 1:2000

Figure B3

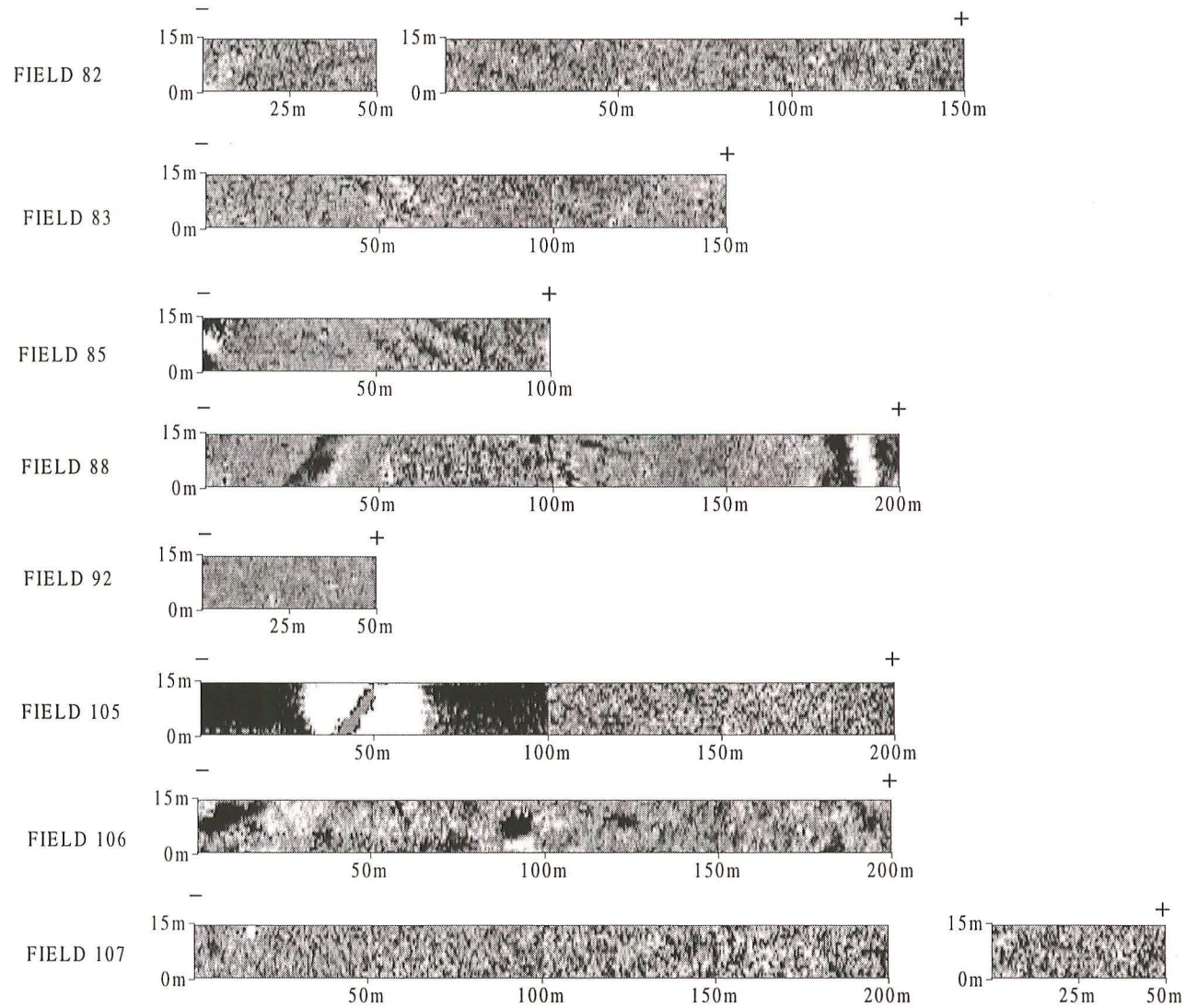




Results of magnetometer line survey (data clipped to  $\pm 1$ nT)

Scale 1:2000

Figure B4

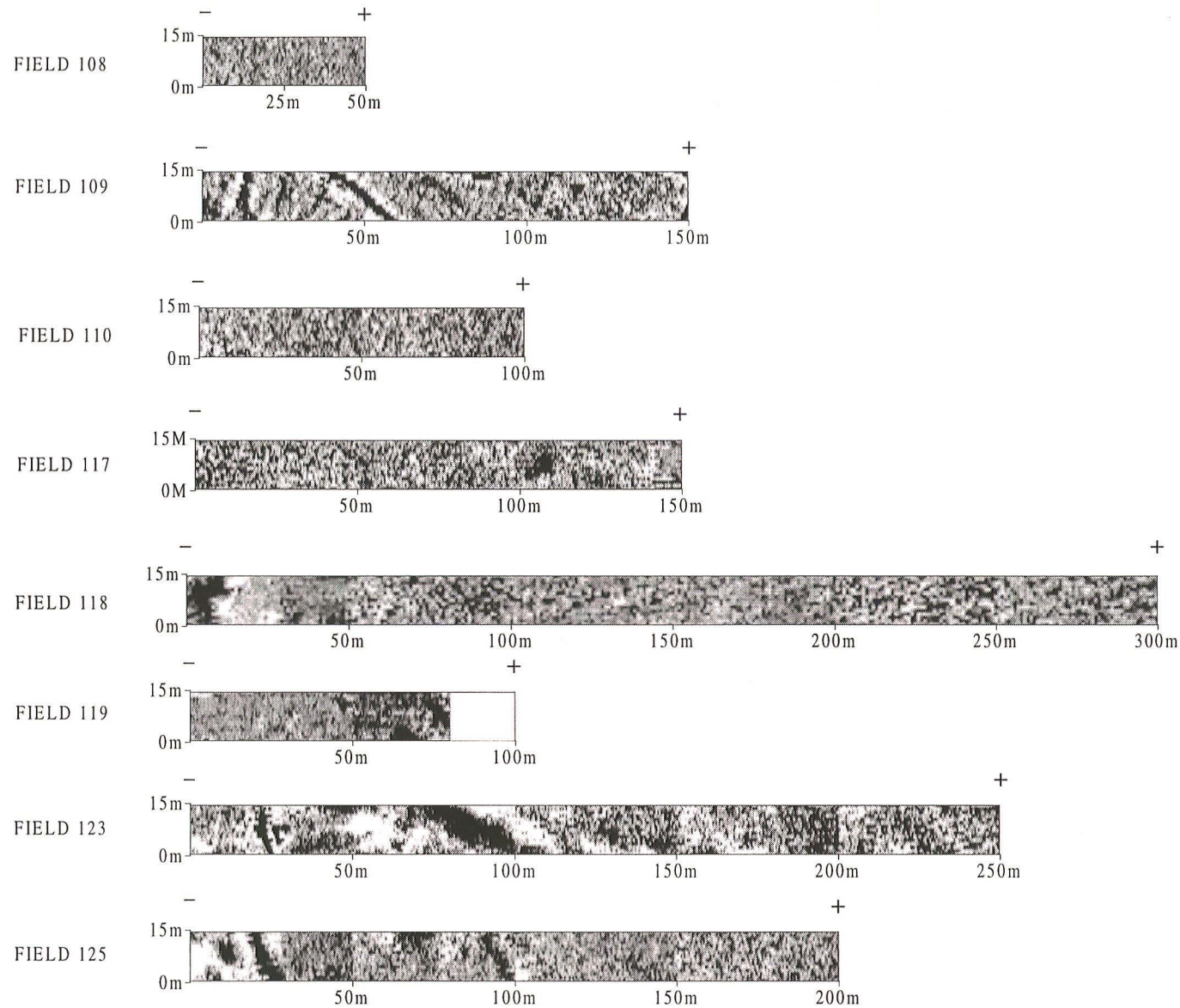


Results of magnetometer line survey (data clipped to  $\pm 1$ nT)

Scale 1:2000

Figure B5





Results of magnetometer line survey (data clipped to  $\pm 1nT$ )

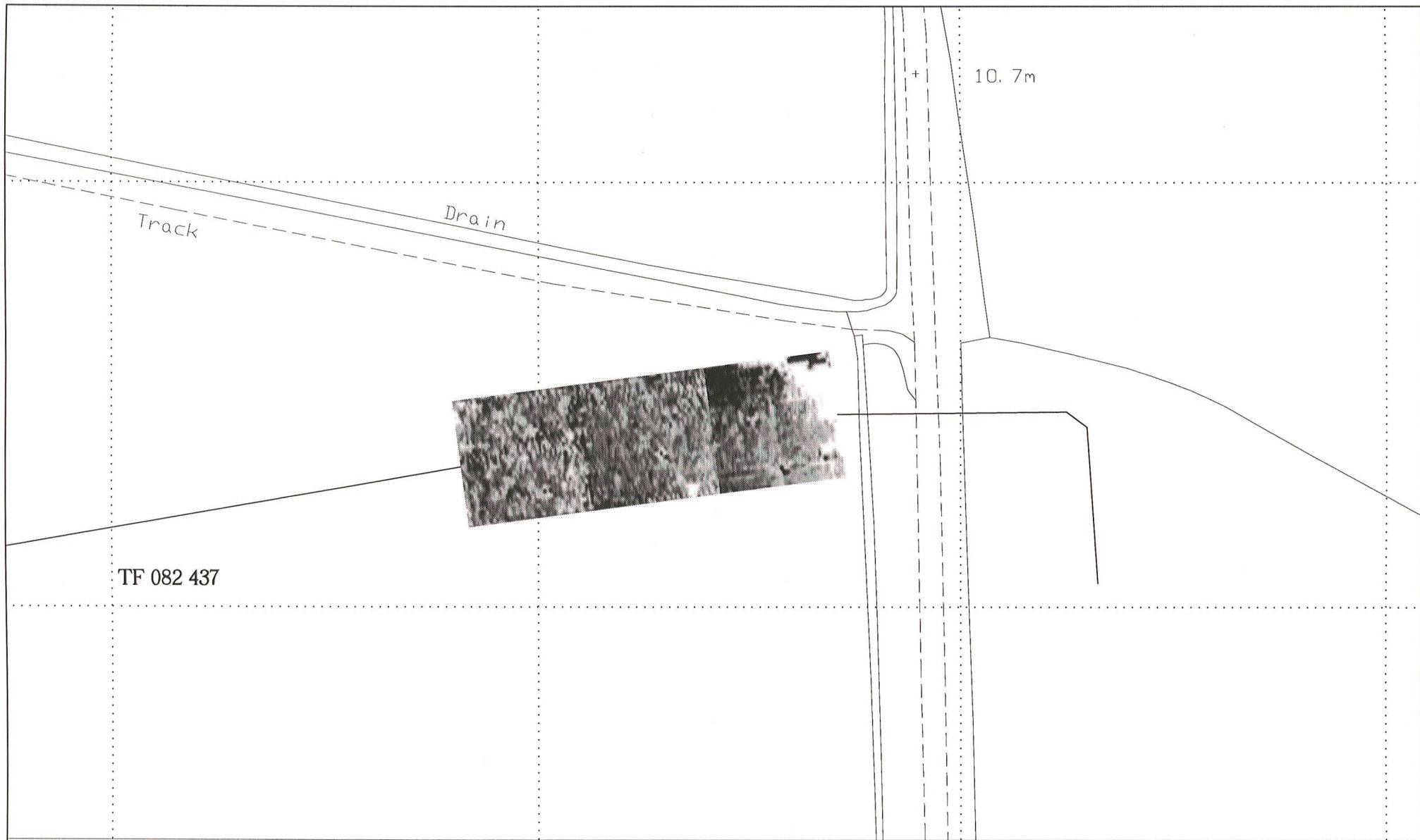
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Figure B6

APPENDIX C

RESULTS OF MAGNETOMETER AREA SURVEY (STAGE 2)





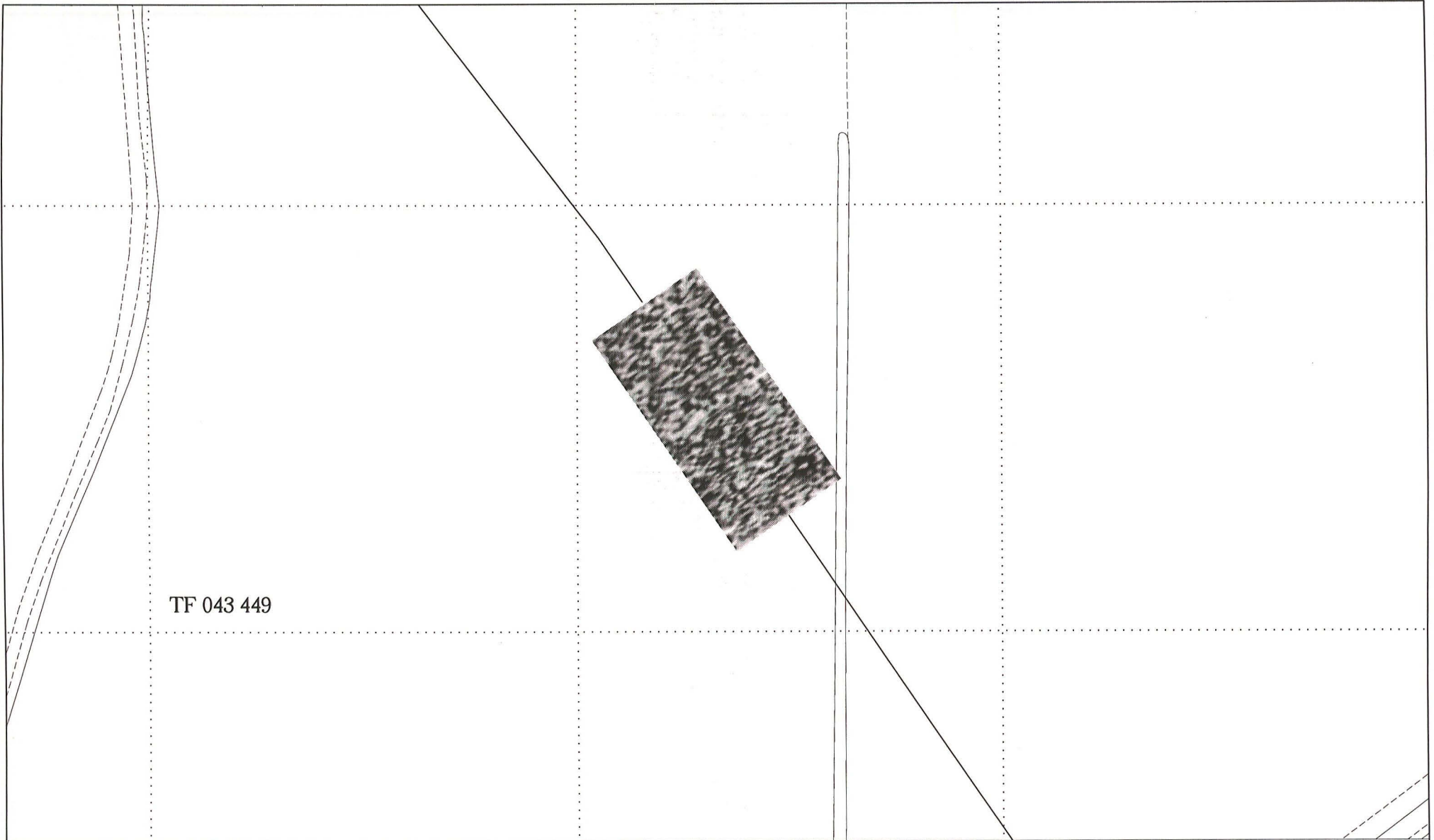
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Results of Stage 2 magnetometer area survey Field 1

Scale 1:1250



Figure C1



TF 043 449



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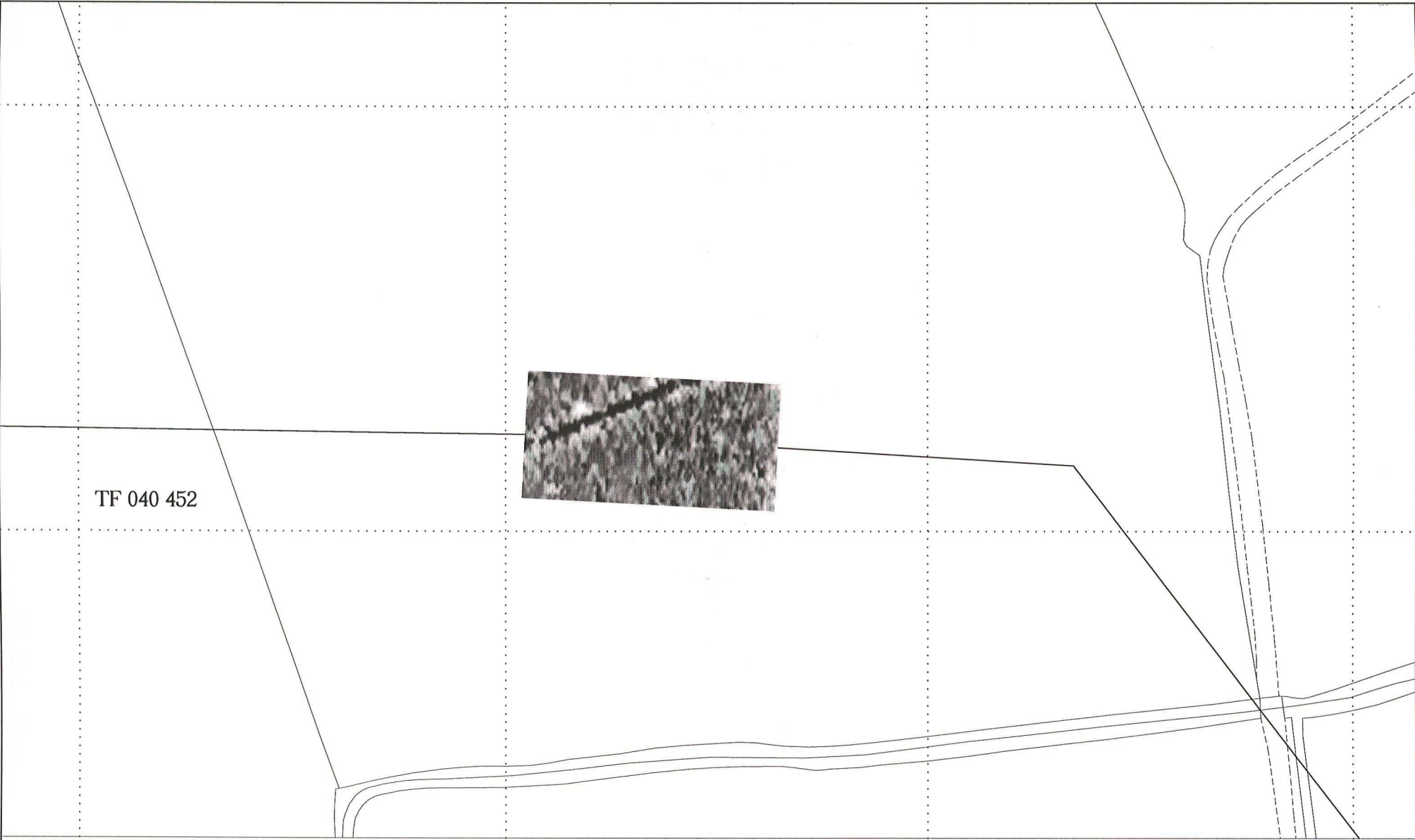
Results of Stage 2 magnetometer area survey Field 16

Scale 1:1250



Figure C2





TF 040 452



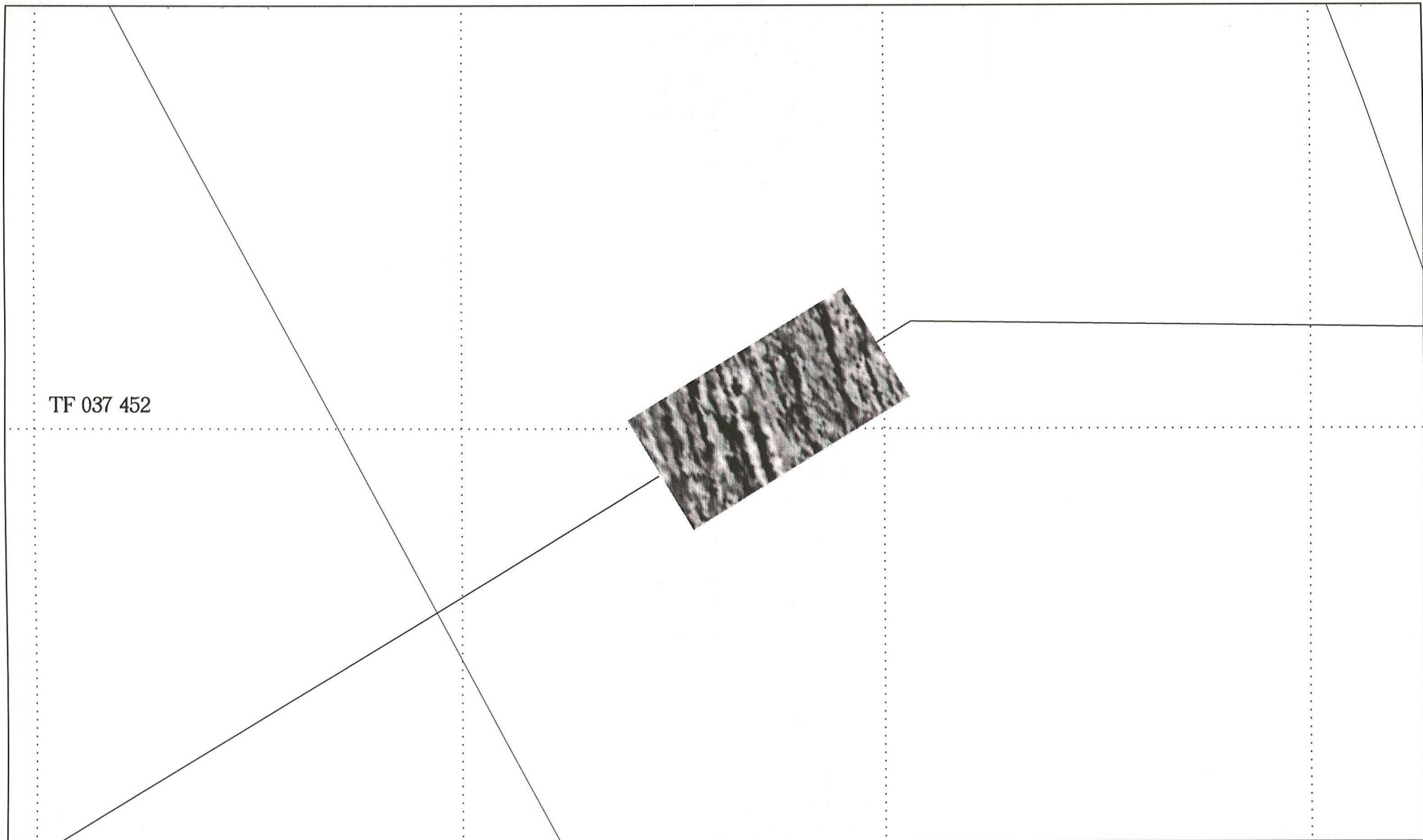
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Results of Stage 2 magnetometer area survey Field 17

Scale 1:1250



Figure C3



TF 037 452



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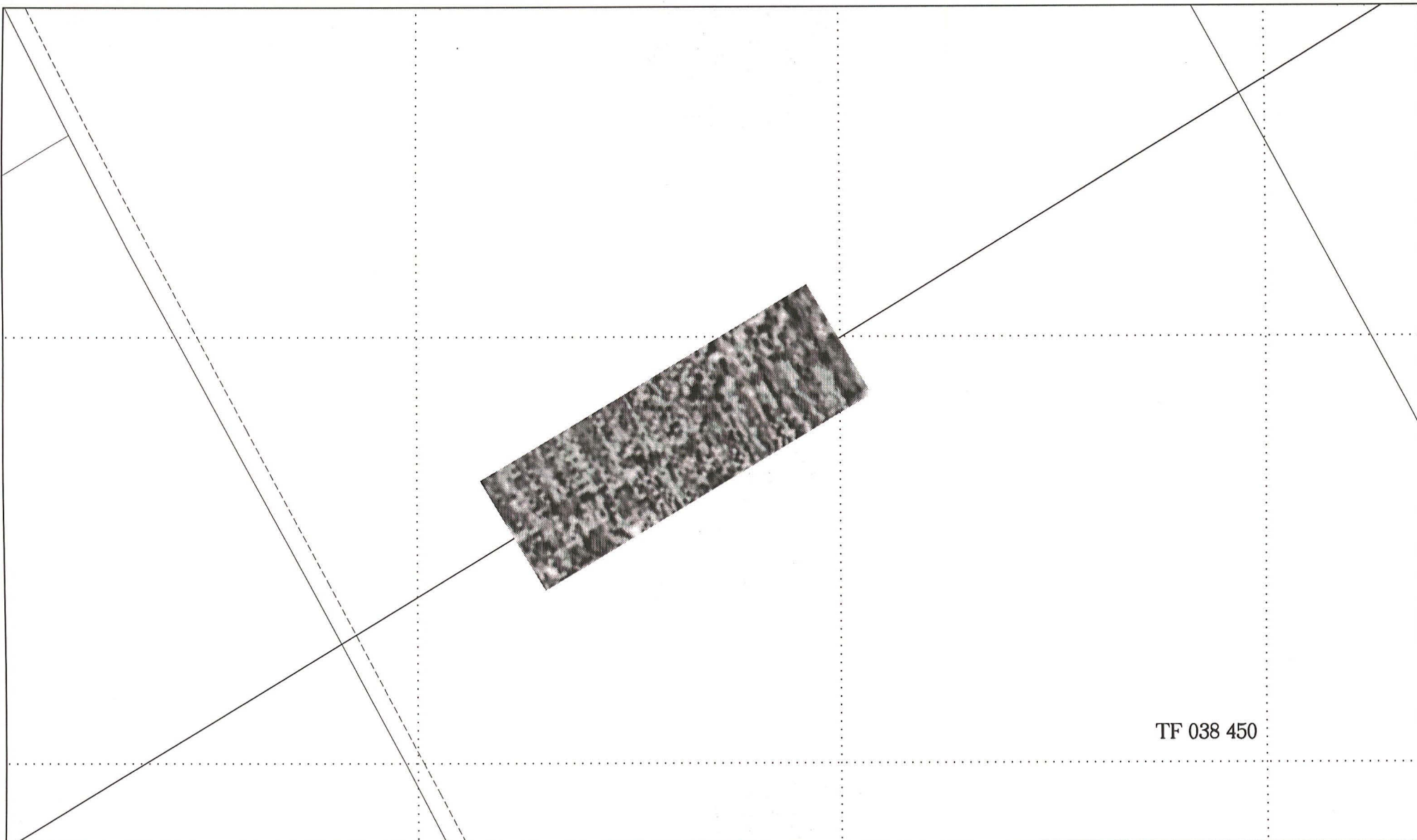
Results of Stage 2 magnetometer area survey Field 18

Scale 1:1250



Figure 4





TF 038 450

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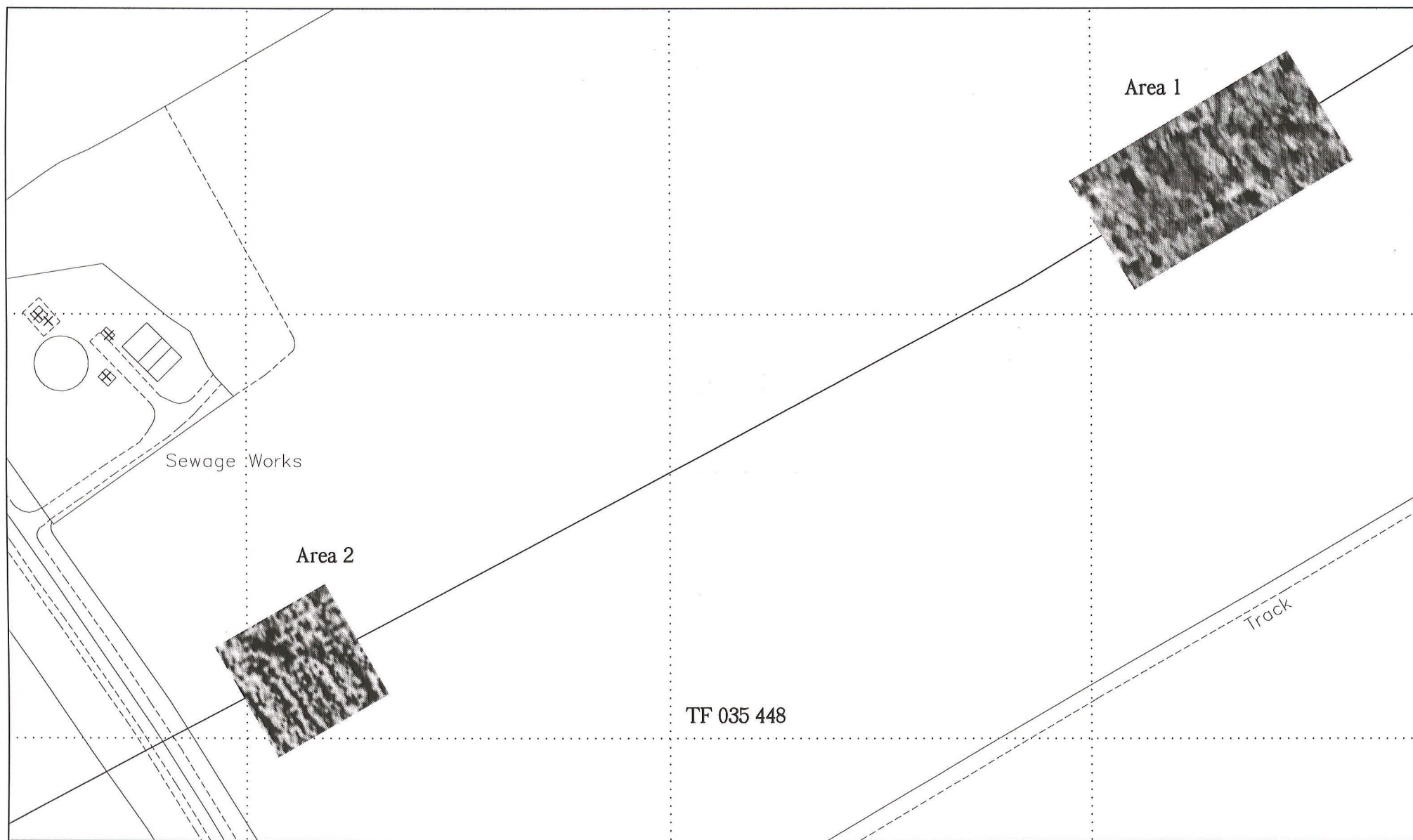


Results of Stage 2 magnetometer area survey Field 19

Scale 1:1250



Figure C5



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Results of Stage 2 magnetometer area survey Field 20

Scale 1:1250



Figure C6



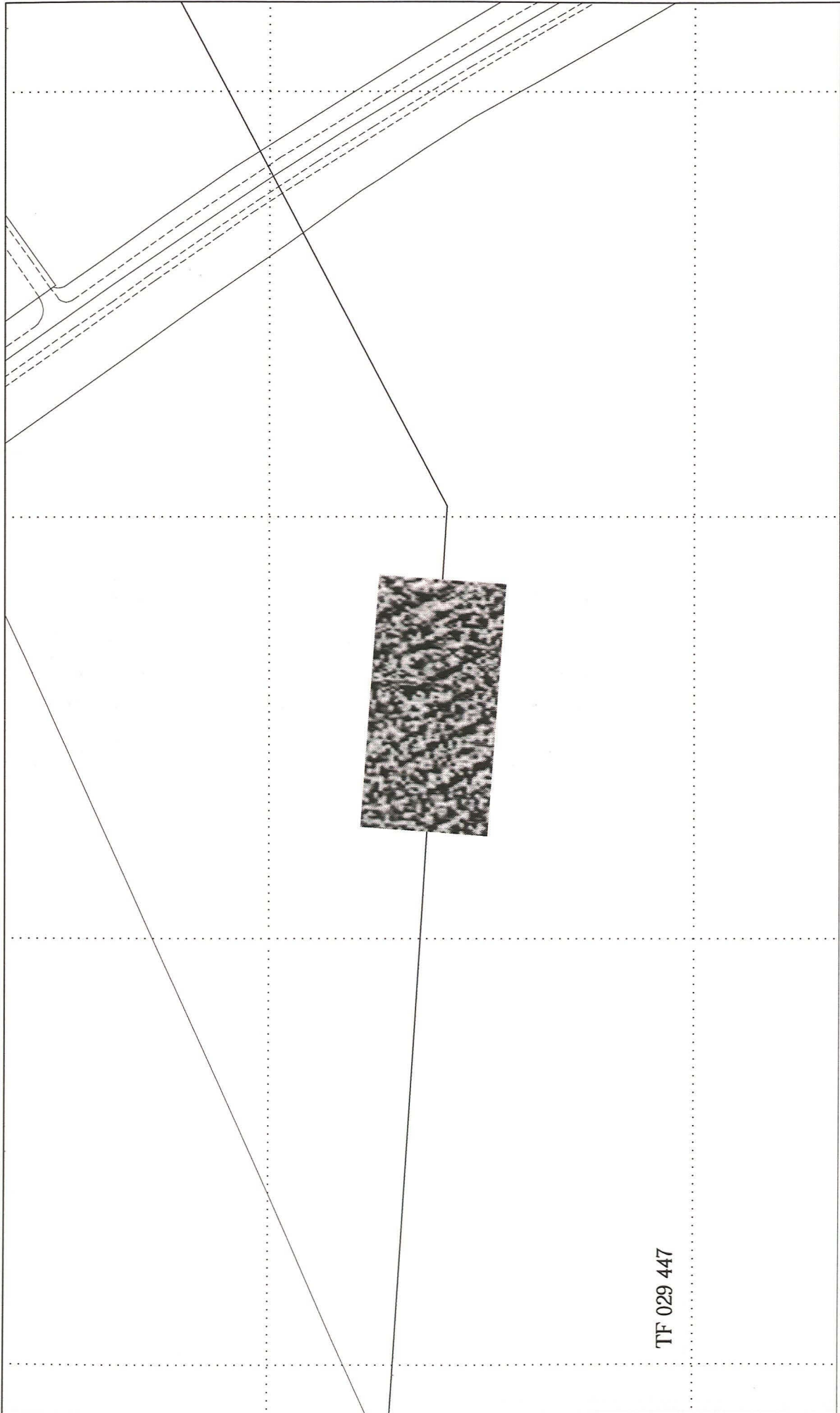


Figure C7



Scale 1:1250

Results of Stage 2 magnetometer area survey Field 21

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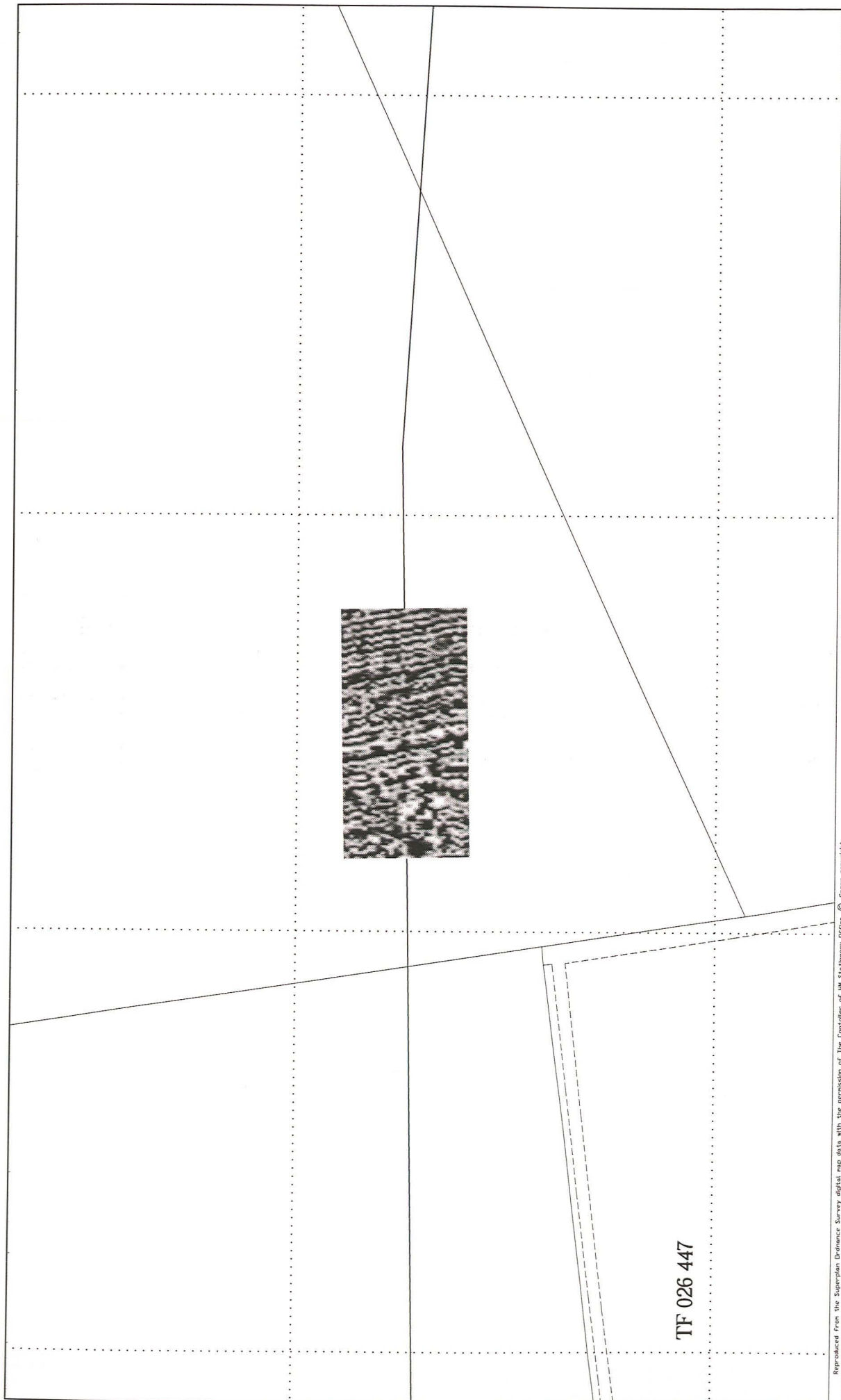


Figure C8

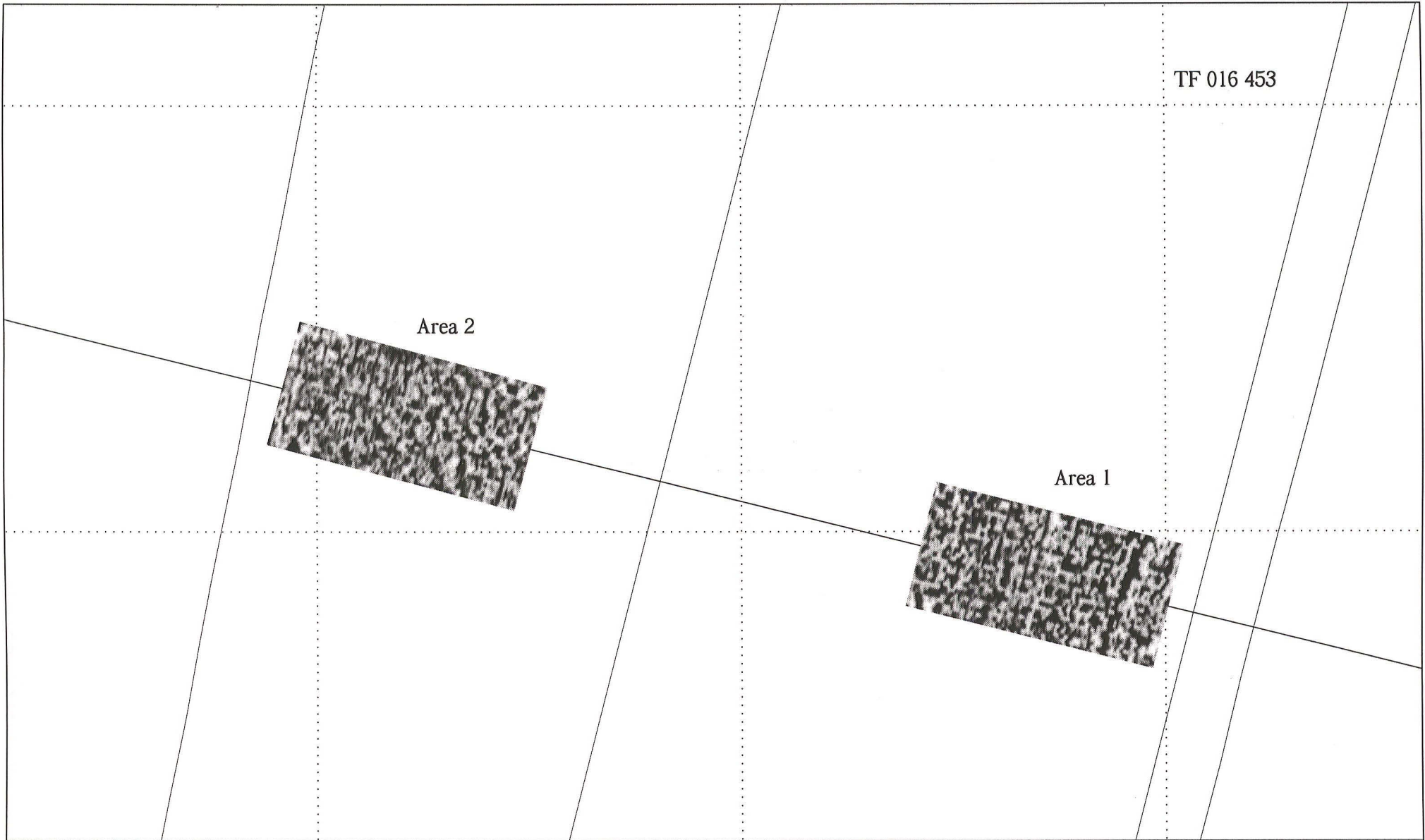


Scale 1:1250

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Results of Stage 2 magnetometer area survey Field 22





TF 016 453

Area 2

Area 1



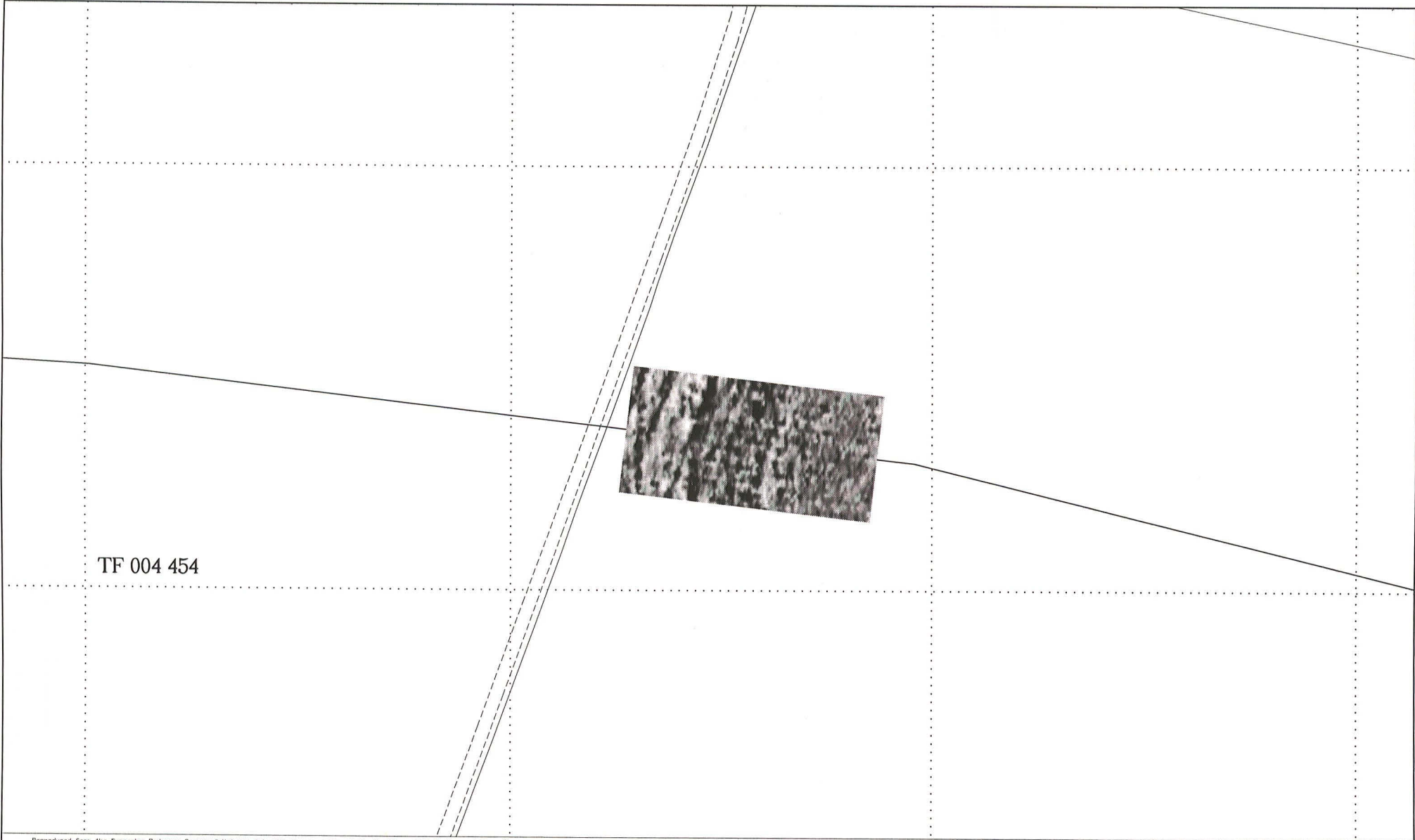
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Results of Stage 2 magnetometer area survey Field 29

Scale 1:1250



Figure C9



TF 004 454



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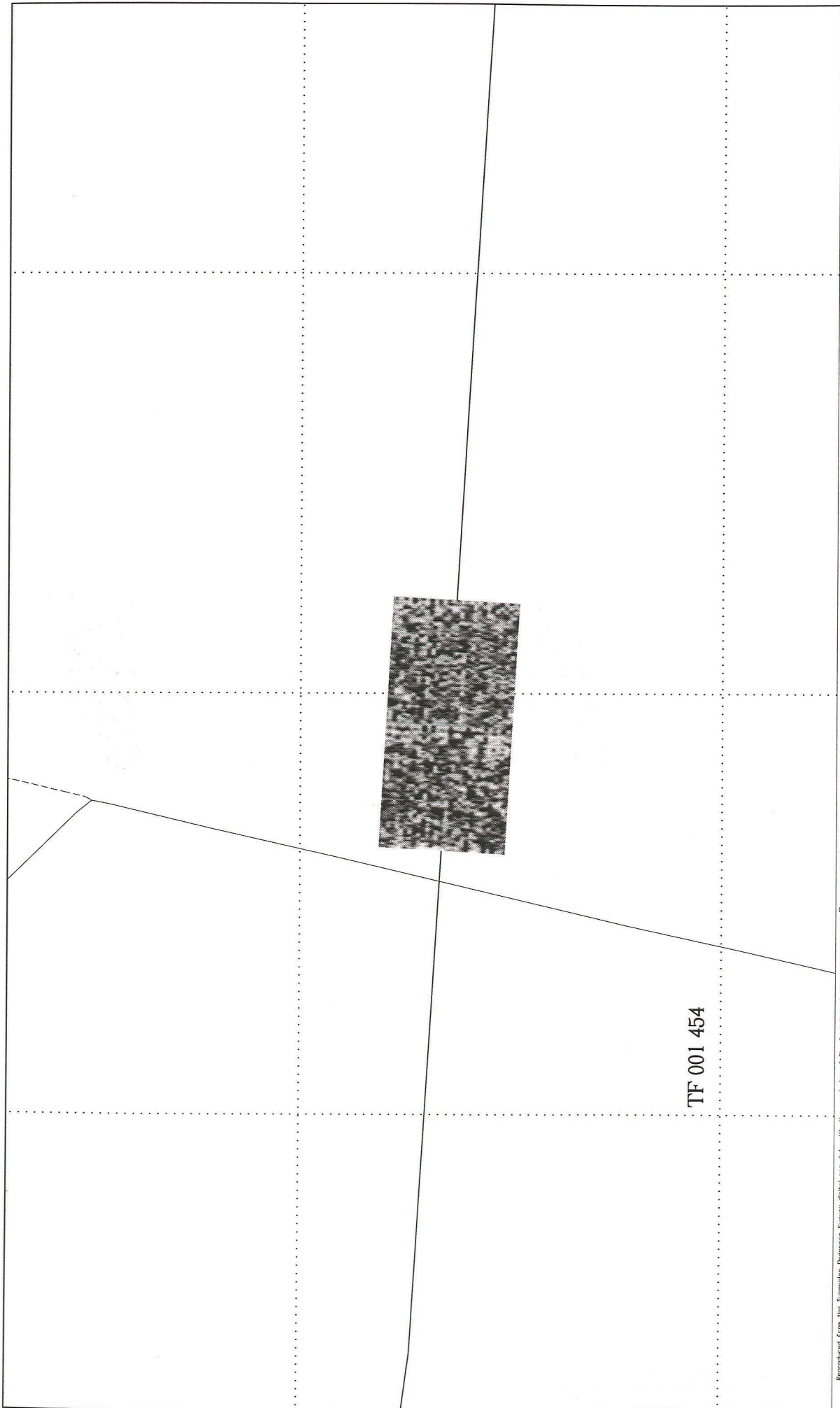
Results of Stage 2 magnetometer area survey Field 31

Scale 1:1250



Figure C10





TF 001 454

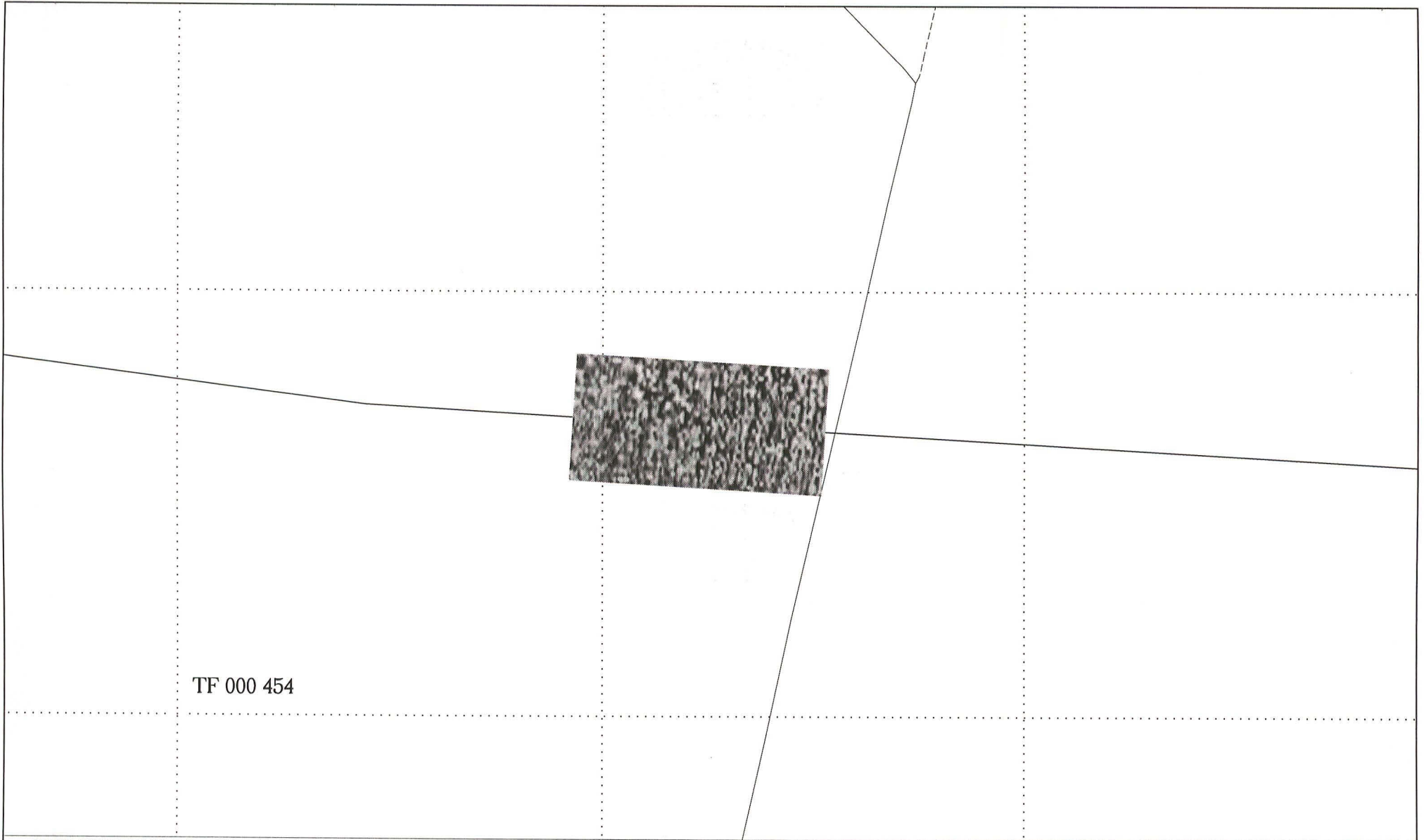
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Results of Stage 2 magnetometer area survey Field 32

Scale 1:1250



Figure C11



TF 000 454



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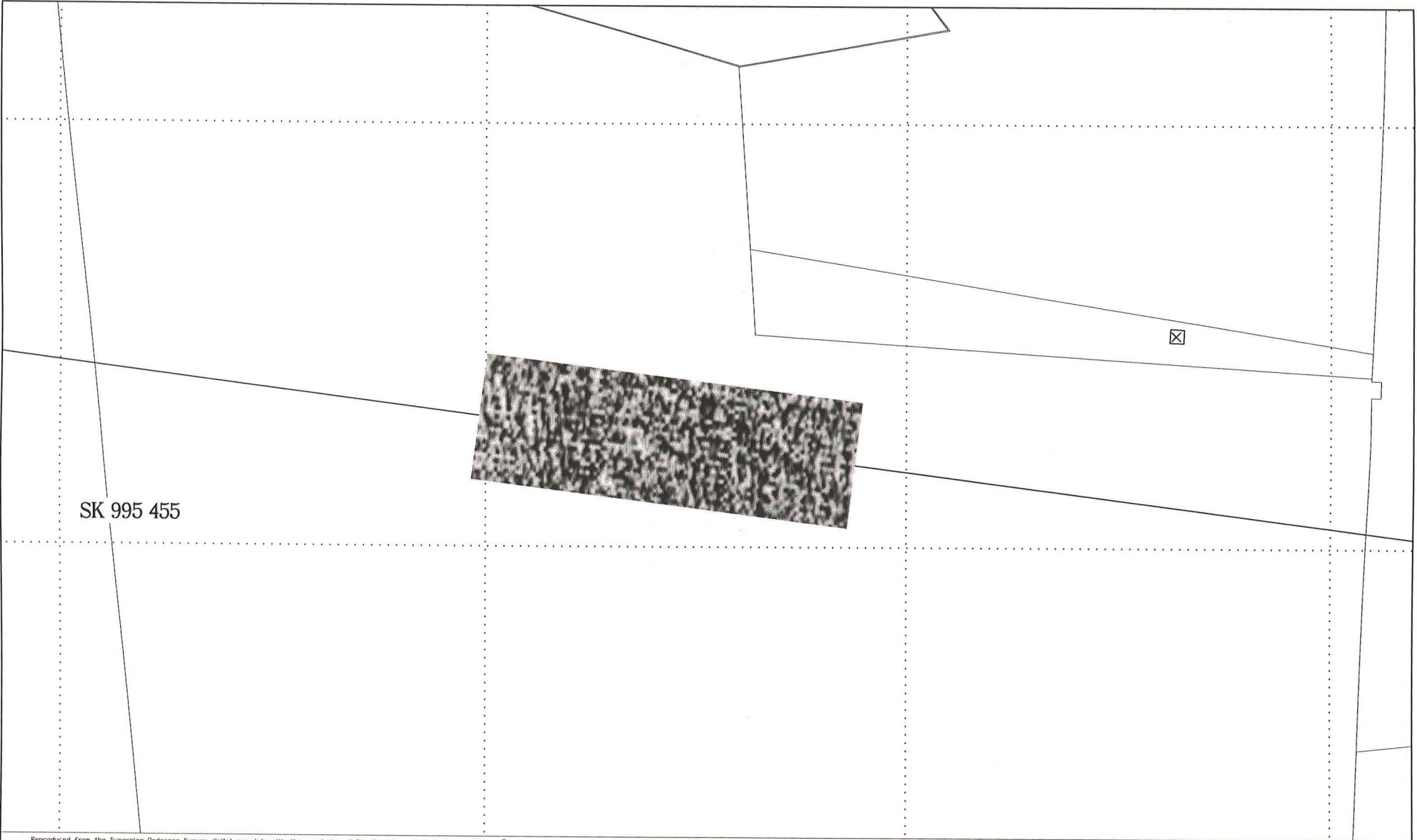
Results of Stage 2 magnetometer area survey Field 33

Scale 1:1250



Figure C12





SK 995 455

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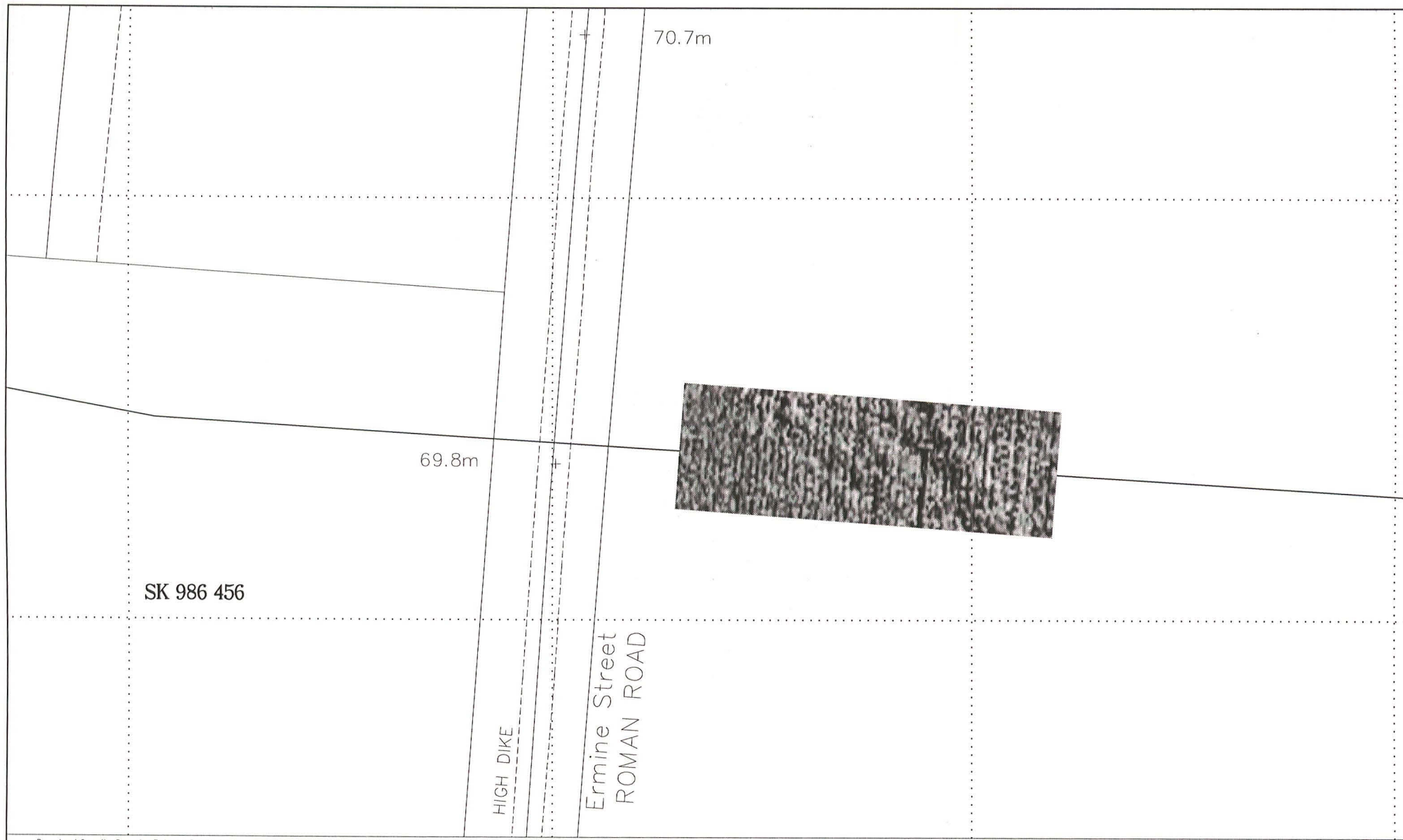


Results of Stage 2 magnetometer area survey Field 34

Scale 1:1250



Figure C13



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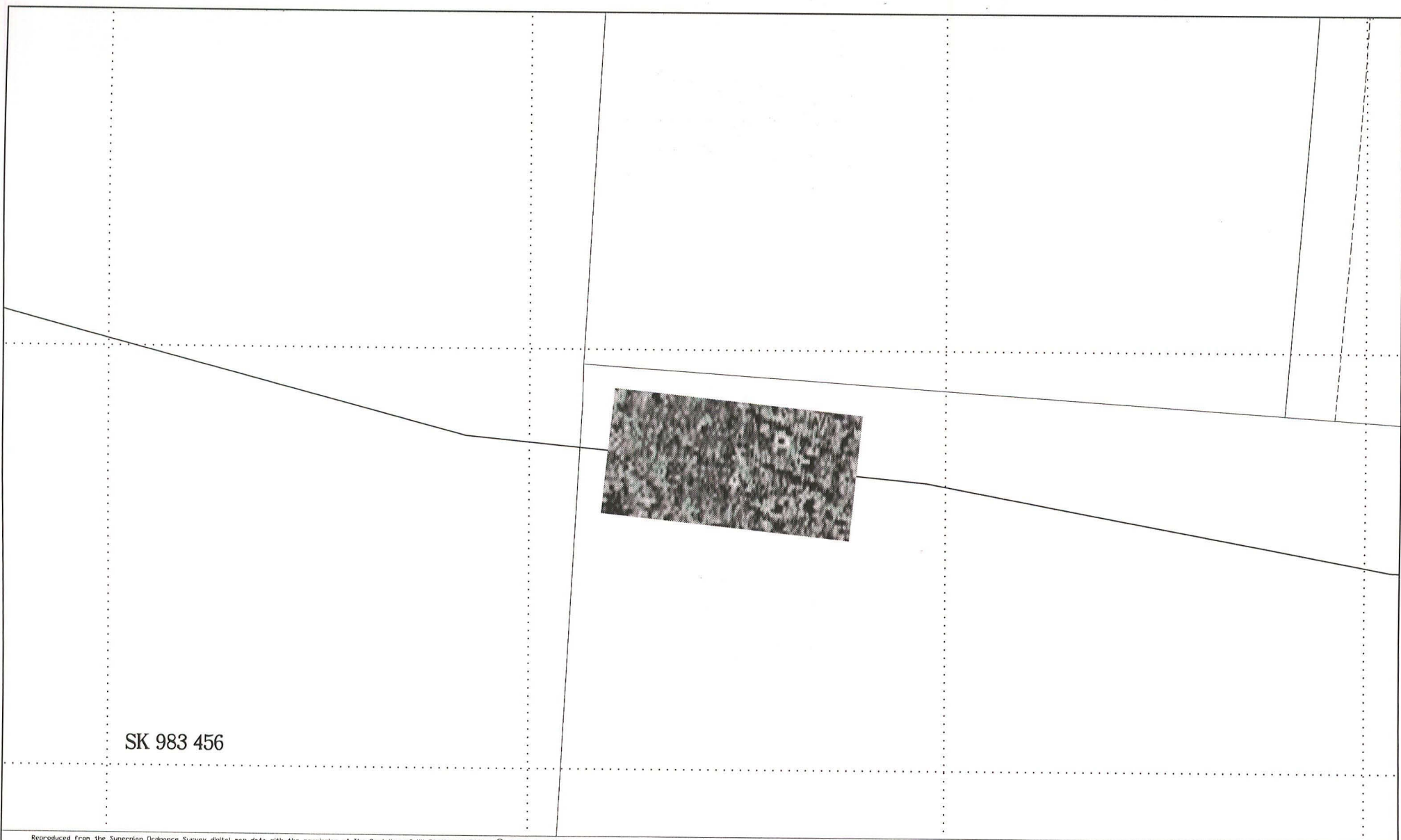
Results of Stage 2 magnetometer area survey Field 36

Scale 1:1250



Figure C14





SK 983 456



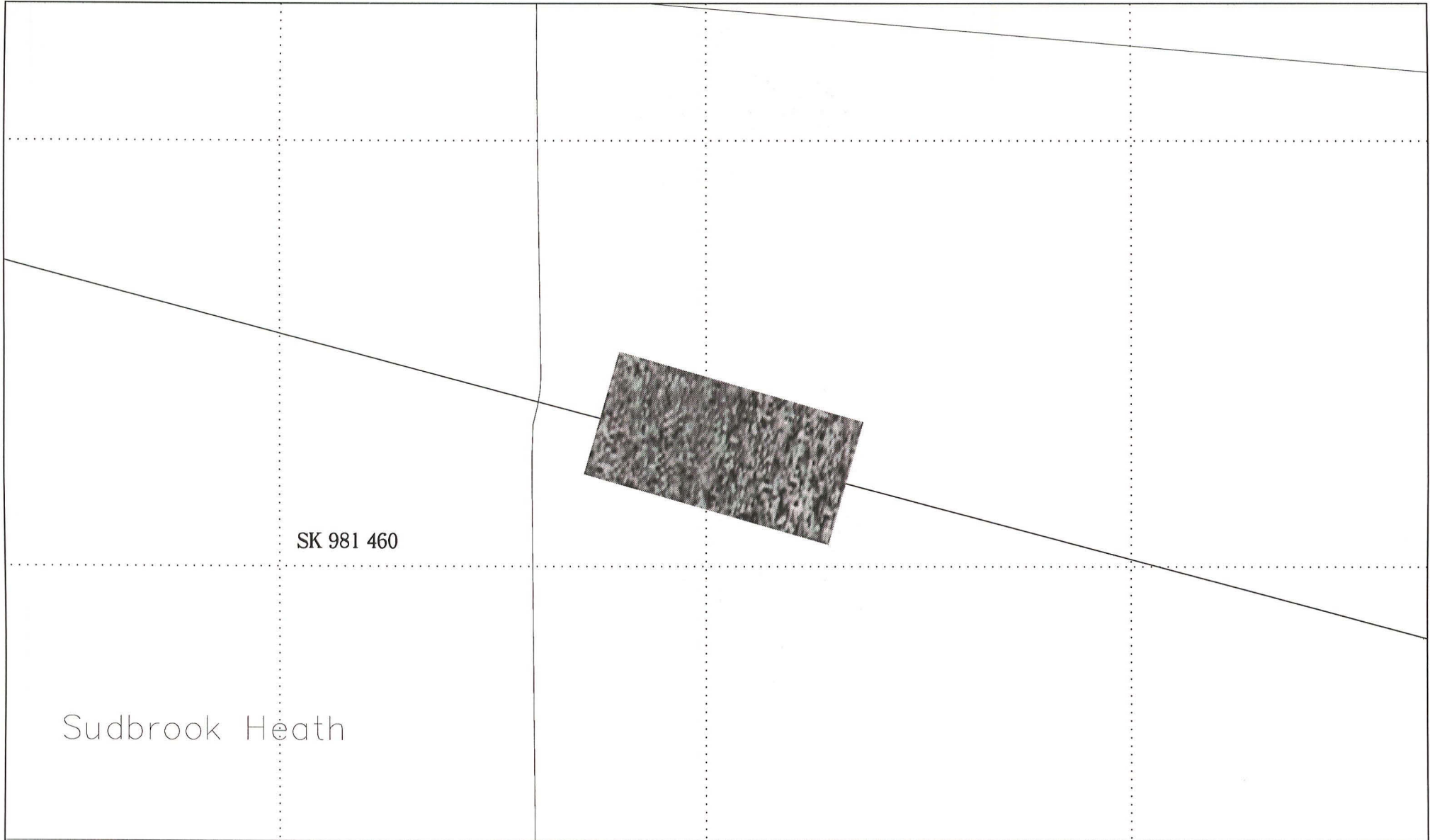
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Results of Stage 2 magnetometer area survey Field 37

Scale 1:1250



Figure C15



SK 981 460

Sudbrook Heath



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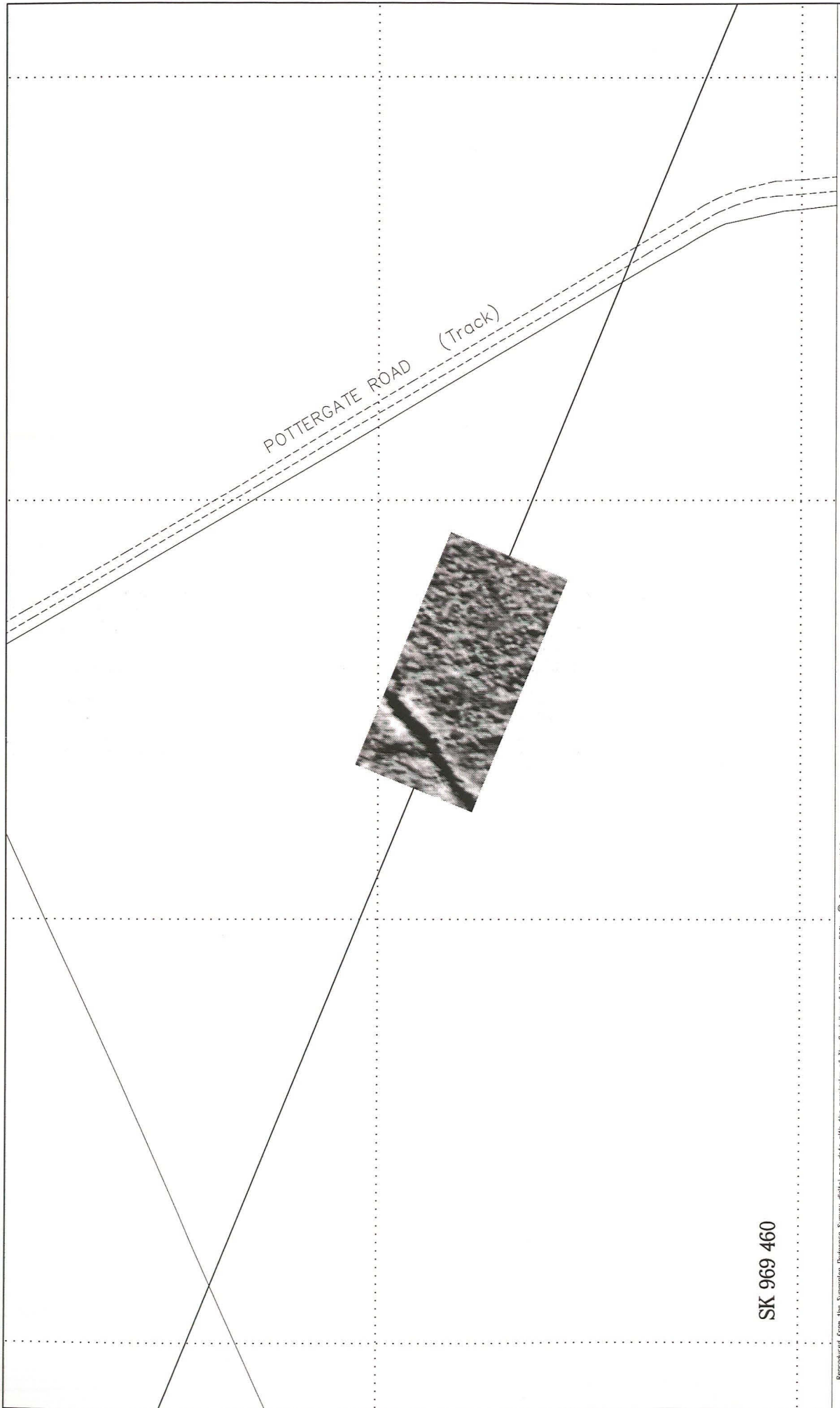
Results of Stage 2 magnetometer area survey Field 38

Scale 1:1250



Figure C16





POTTERGATE ROAD (Track)

SK 969 460

Figure C17

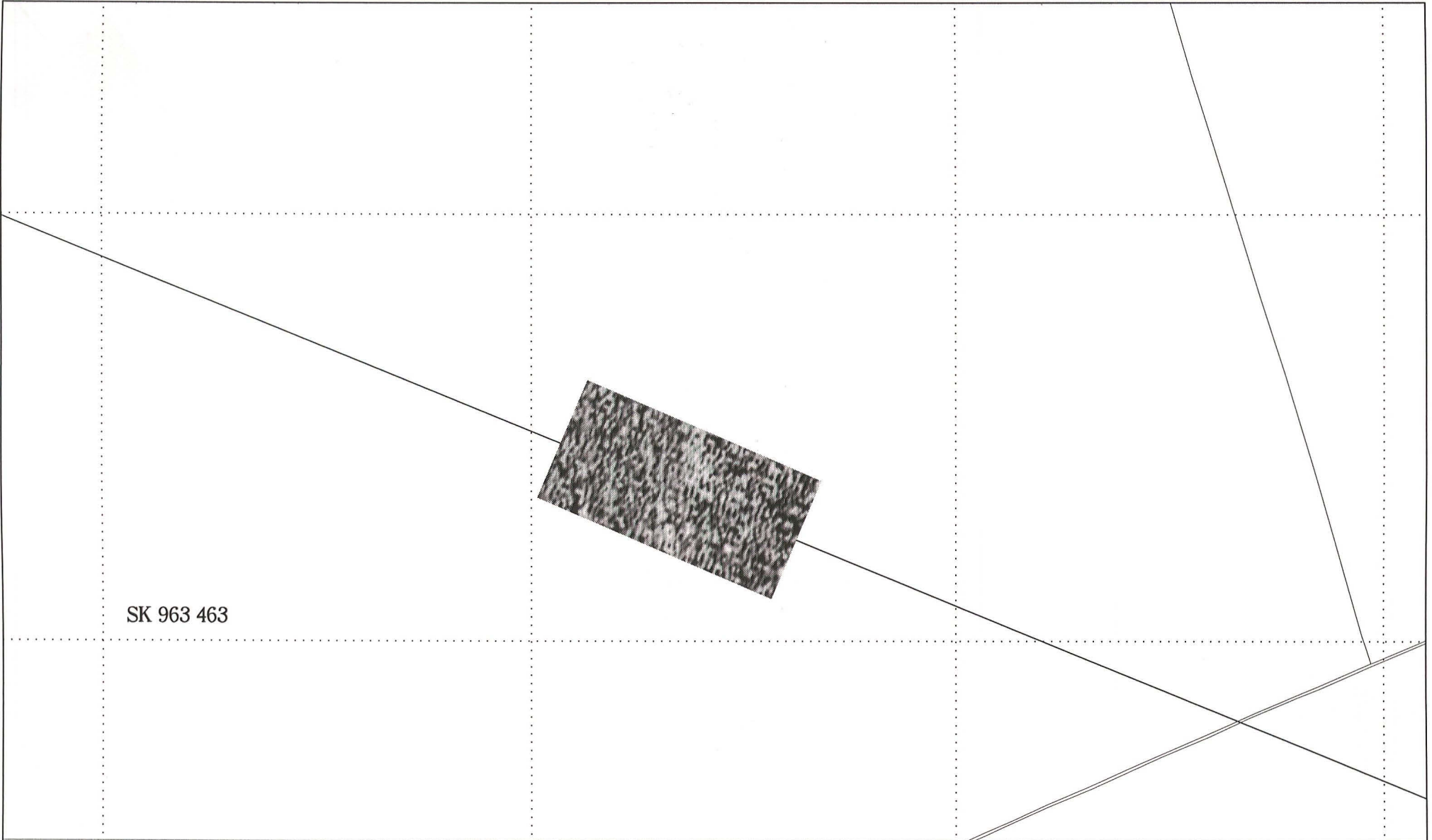


Scale 1:1250

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Results of Stage 2 magnetometer area survey Field 43





SK 963 463



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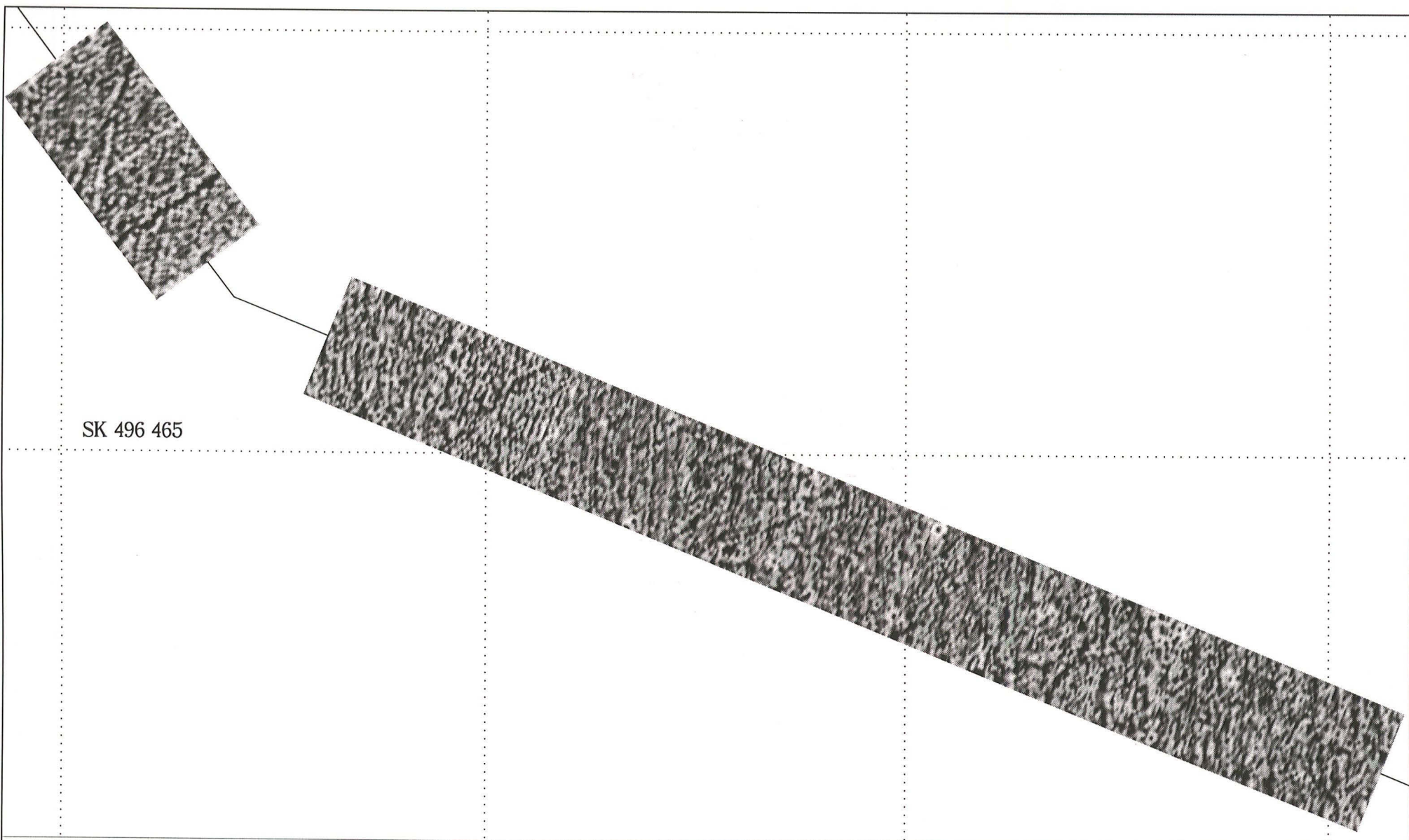
Results of Stage 2 magnetometer area survey Field 45 Area 1

Scale 1:1250



Figure C18





SK 496 465

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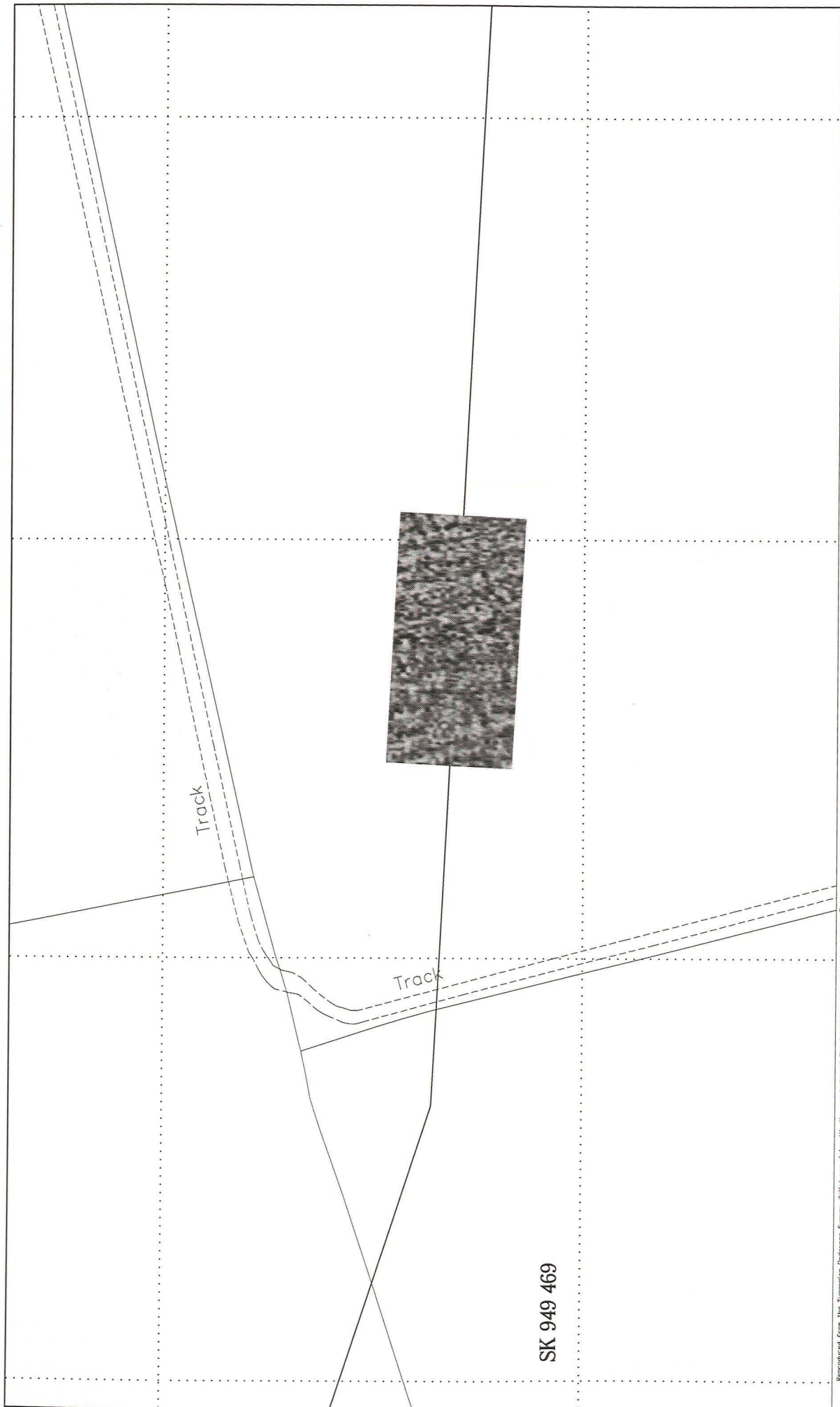


Results of Stage 2 magnetometer area survey Field 45 Area 2

Scale 1:1250



Figure C19



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Results of Stage 2 magnetometer area survey Field 49

Scale 1:1250



Figure C20





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Results of Stage 2 magnetometer area survey Field 54

Scale 1:1250



Figure C21





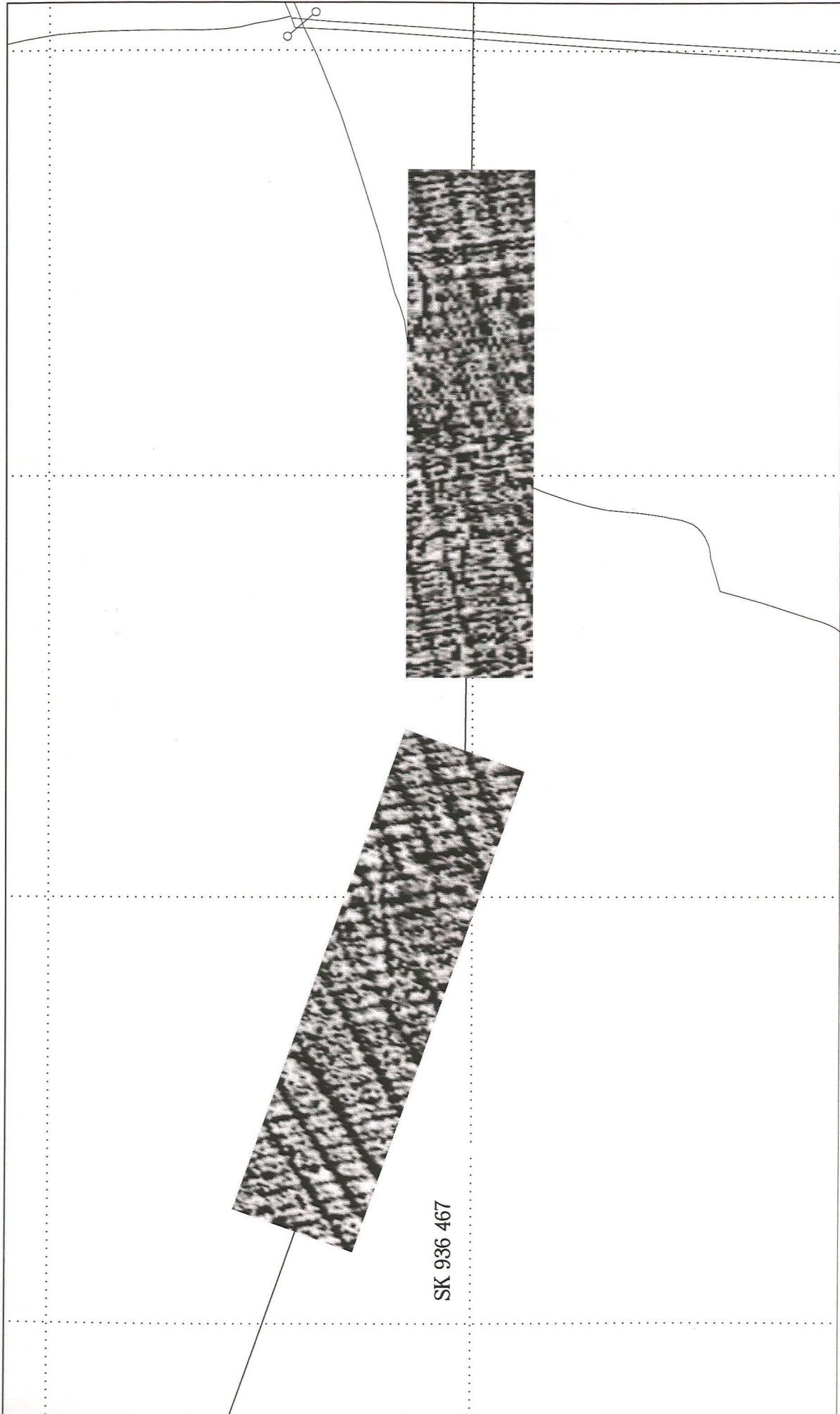


Figure C22



Scale 1:1250

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Results of Stage 2 magnetometer area survey Field 55



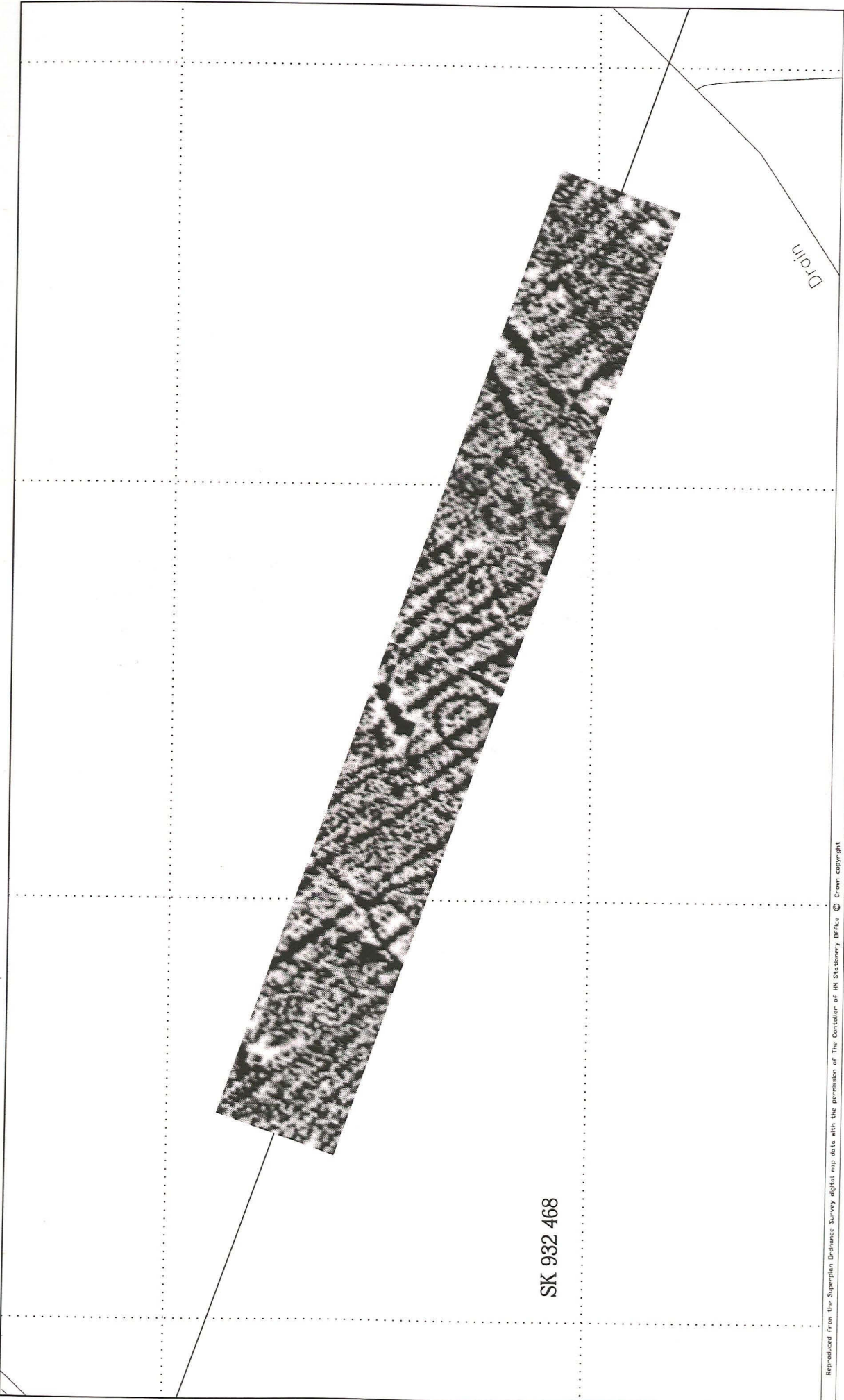


Figure C23



Scale 1:1250

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Results of Stage 2 magnetometer area survey Field 56



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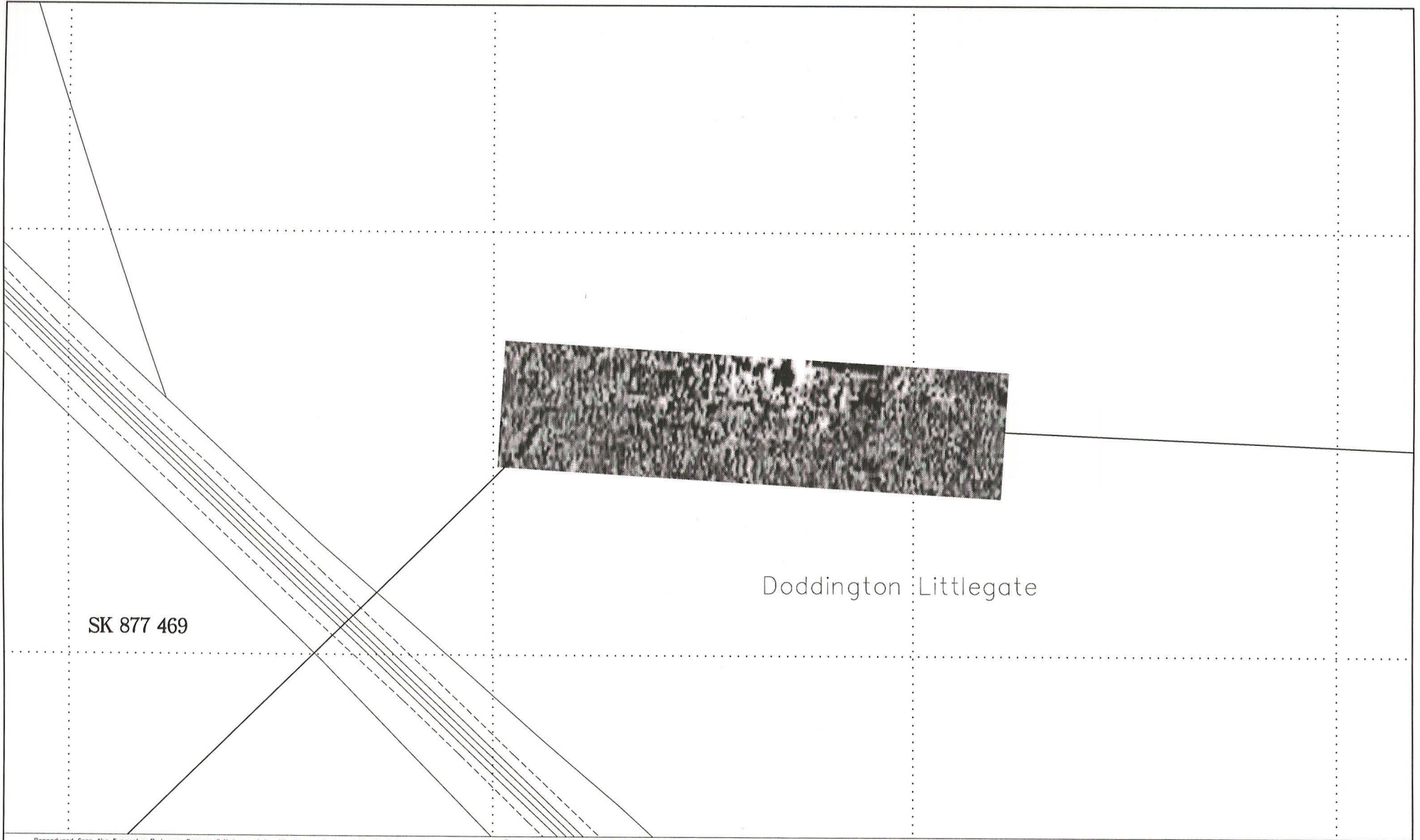
Results of Stage 2 magnetometer area survey Field 72

Scale 1:1250



Figure C24





SK 877 469

Doddington Littlegate



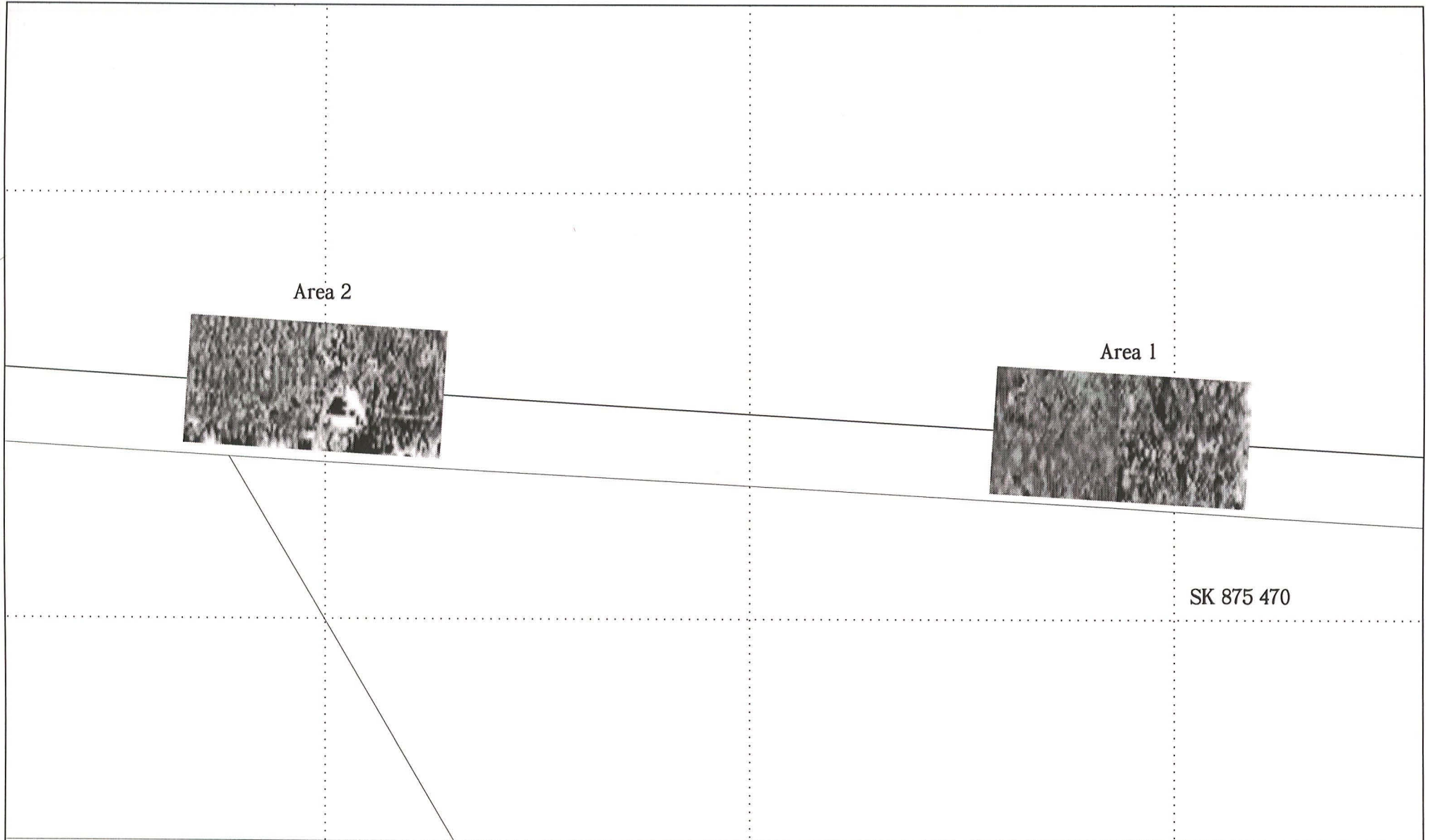
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Results of Stage 2 magnetometer area survey Field 75

Scale 1:1250



Figure C25



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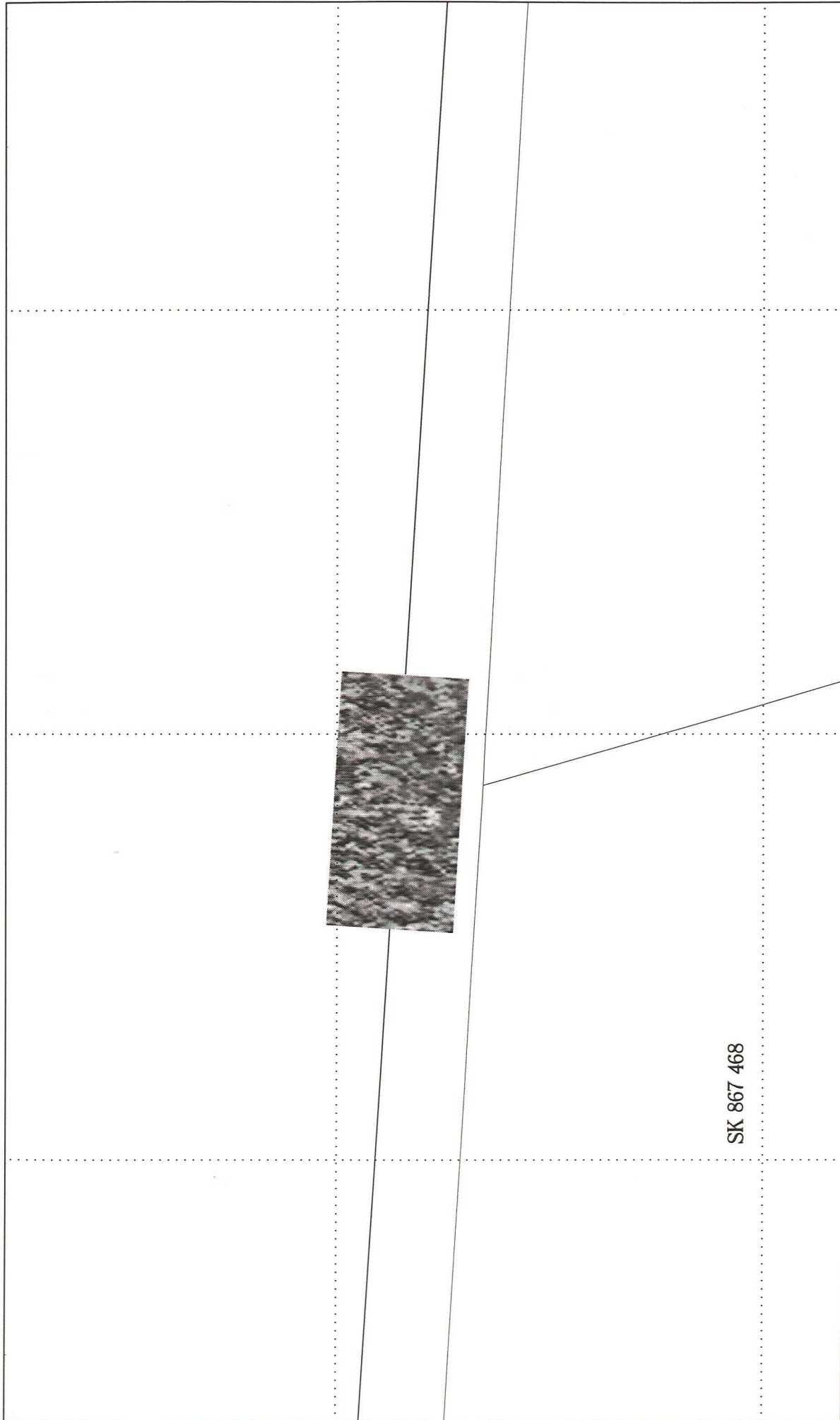
Results of Stage 2 magnetometer area survey Field 76

Scale 1:1250



Figure C26





SK 867 468

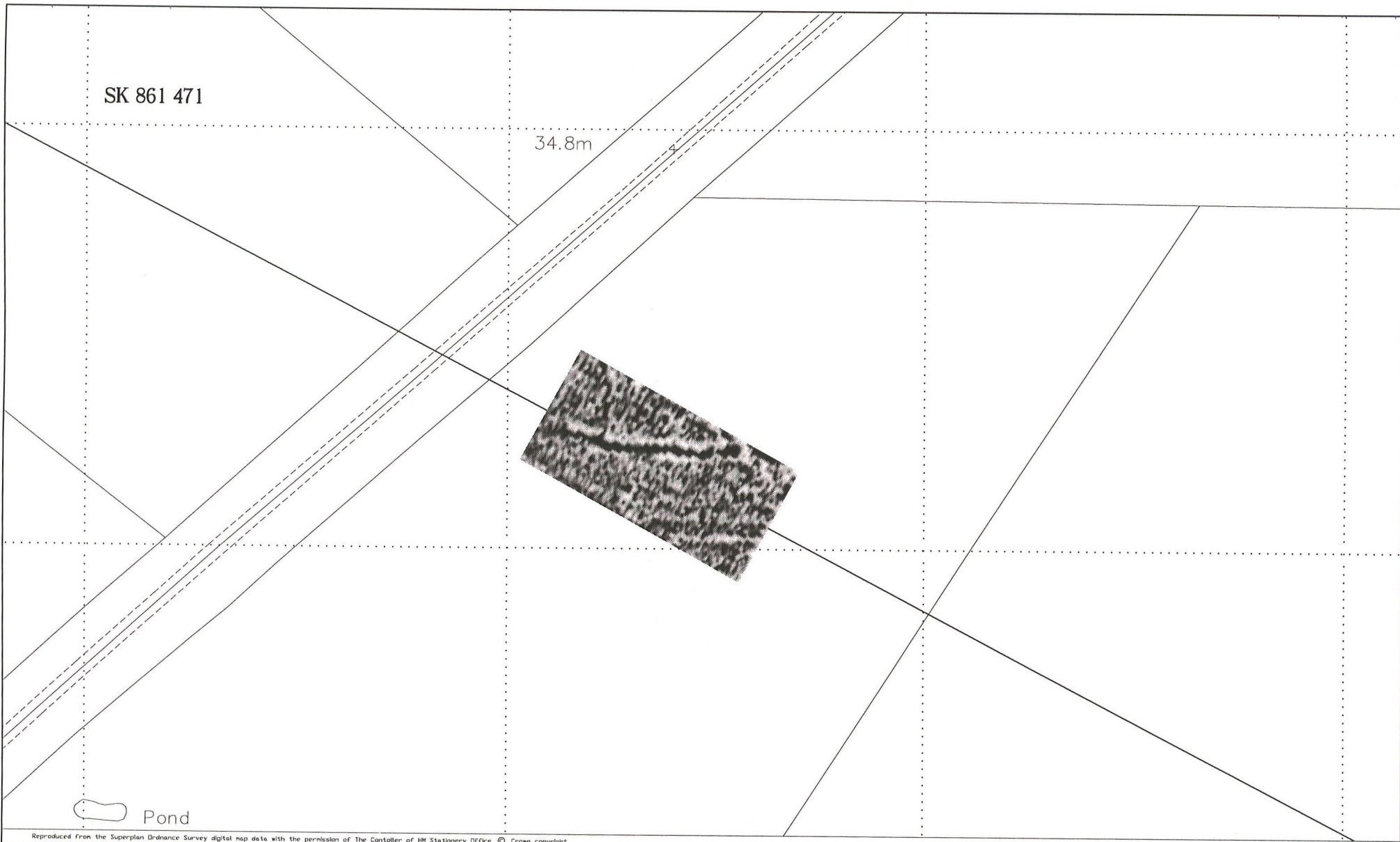
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Results of Stage 2 magnetometer area survey Field 77

Scale 1:1250



Figure C27



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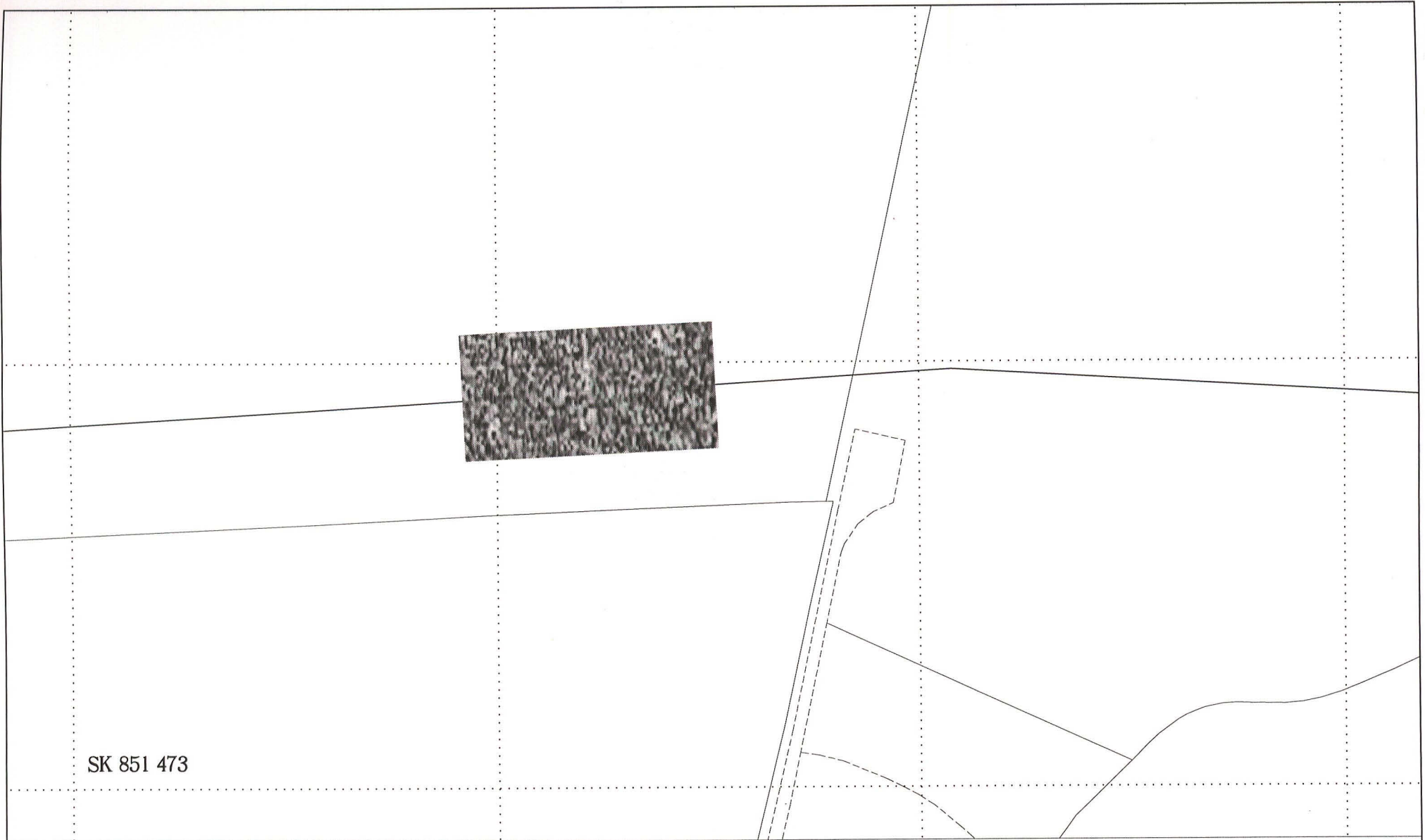
Results of Stage 2 magnetometer area survey Field 79

Scale 1:1250



Figure C28





SK 851 473

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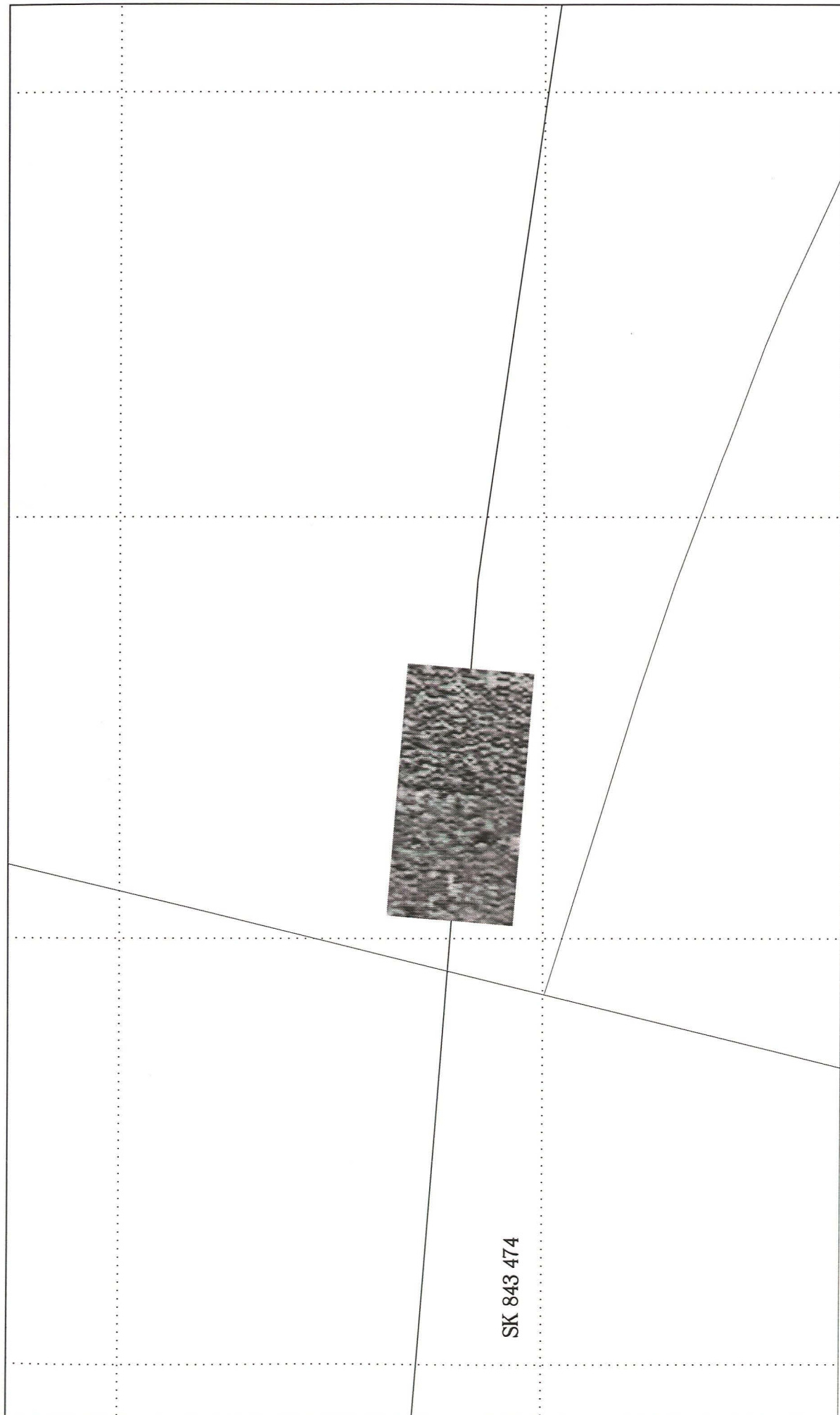


Results of Stage 2 magnetometer area survey Field 84

Scale 1:1250



Figure C29



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Results of Stage 2 magnetometer area survey Field 86



Scale 1:1250

Figure C30





SK 841 474

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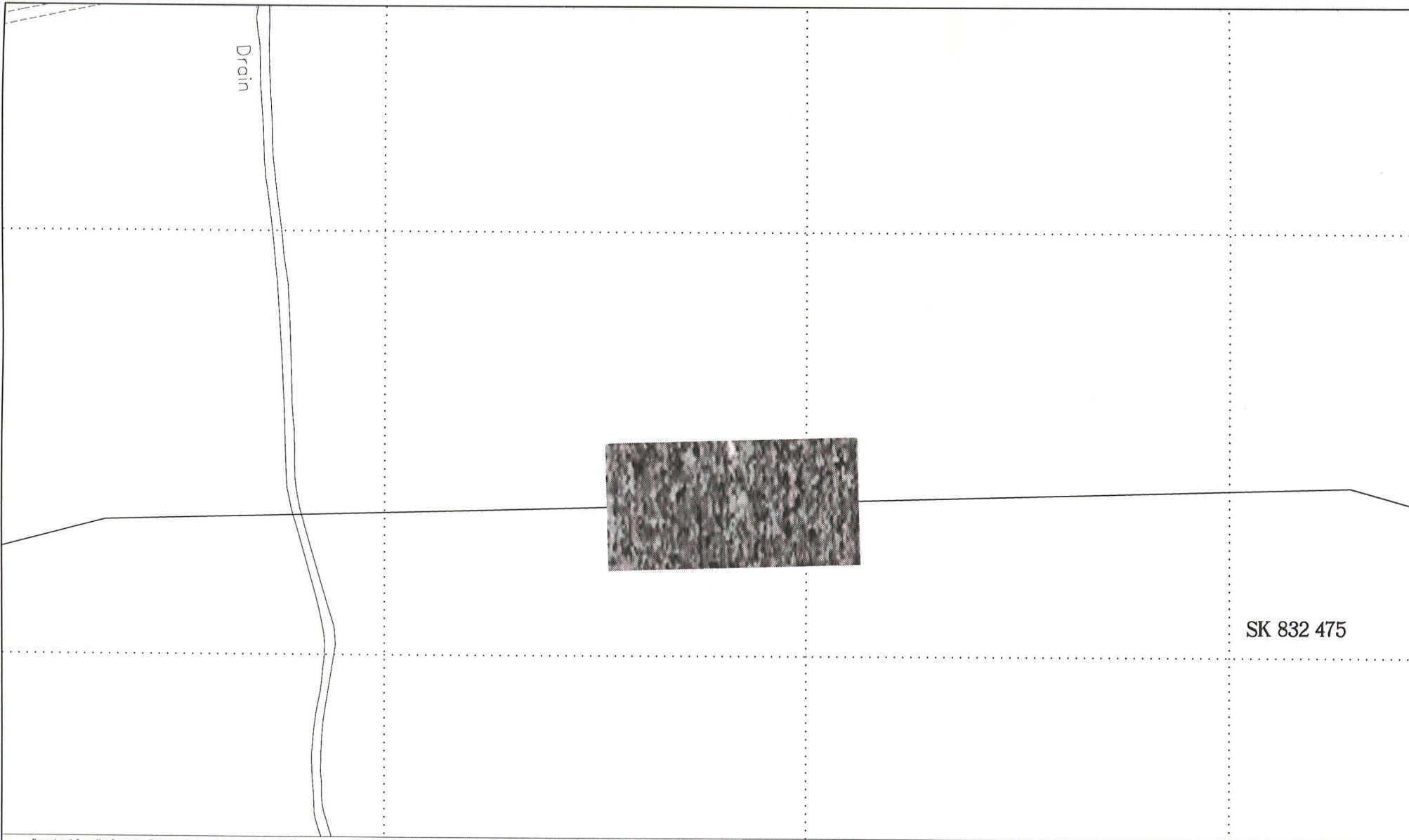


Results of Stage 2 magnetometer area survey Field 87

Scale 1:1250



Figure C31



SK 832 475



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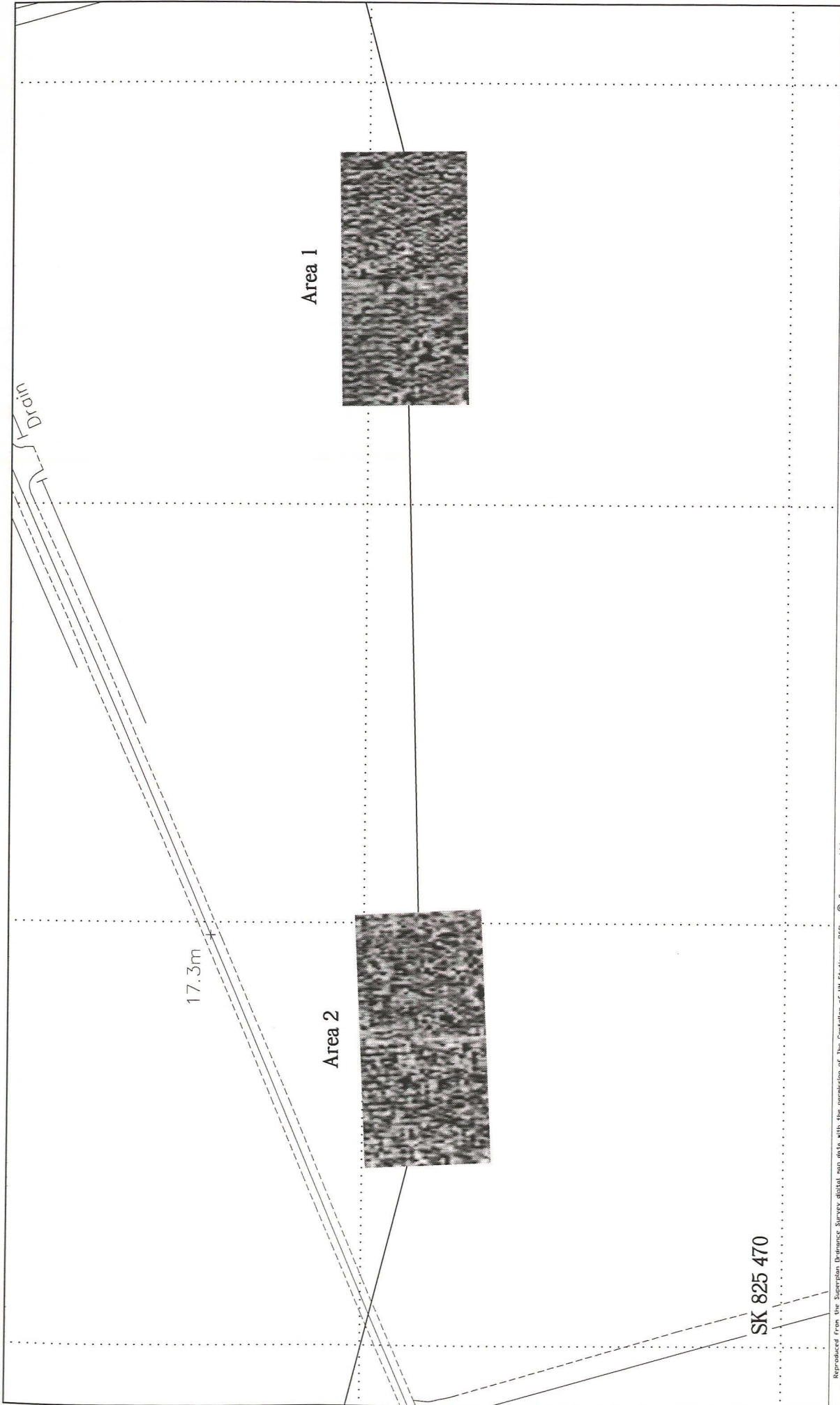
Results of Stage 2 magnetometer area survey Field 91

Scale 1:1250



Figure C32





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Results of Stage 2 magnetometer area survey Field 93



Scale 1:1250

Figure C33

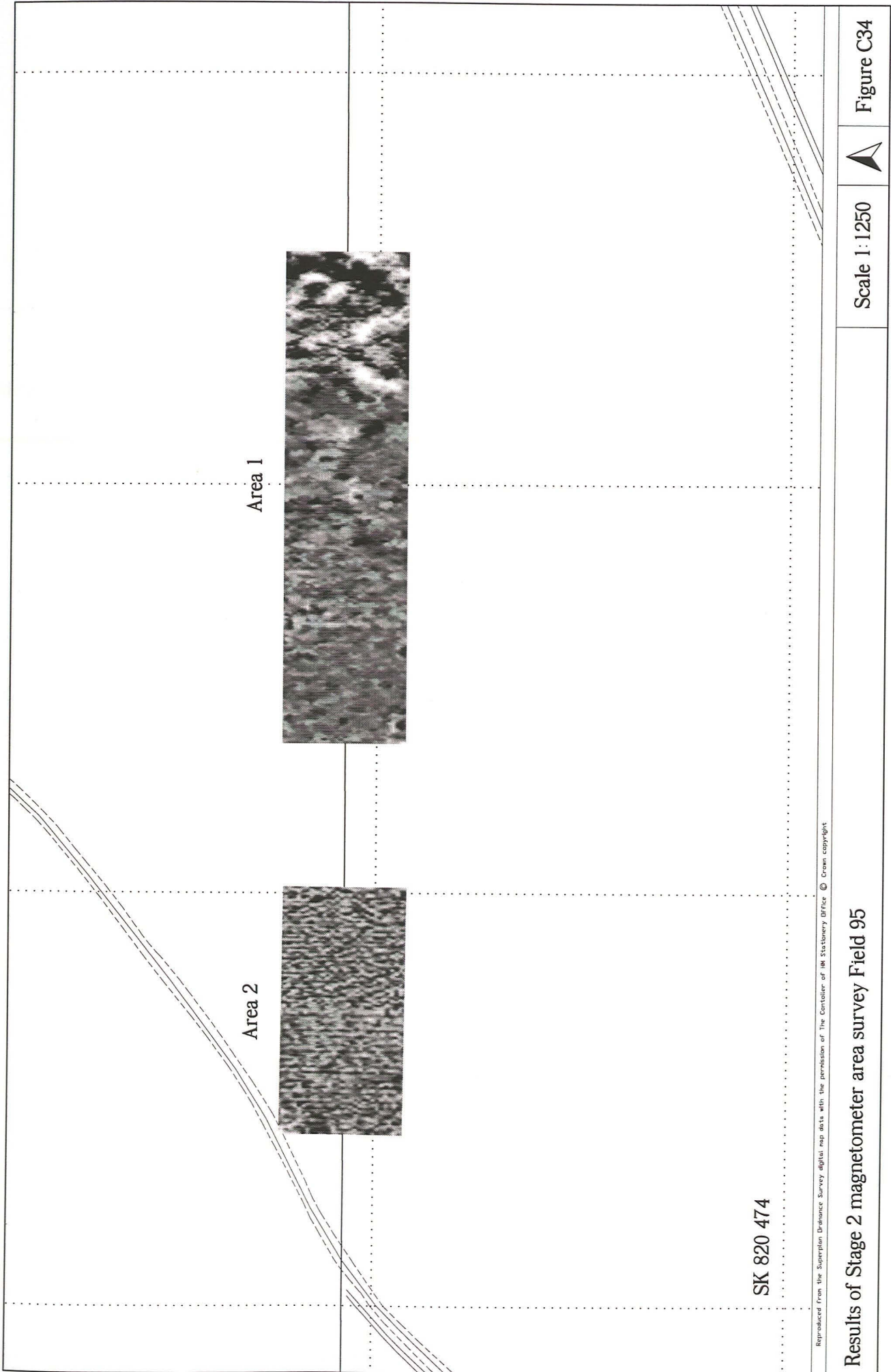


Figure C34



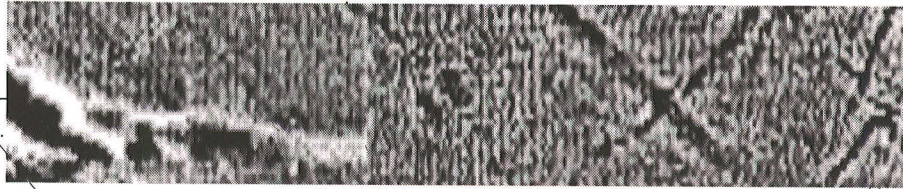
Scale 1:1250

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Results of Stage 2 magnetometer area survey Field 95

SK 820 474





Drain

SK 820 474

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Results of Stage 2 magnetometer area survey Field 96

Scale 1:1250



Figure C35

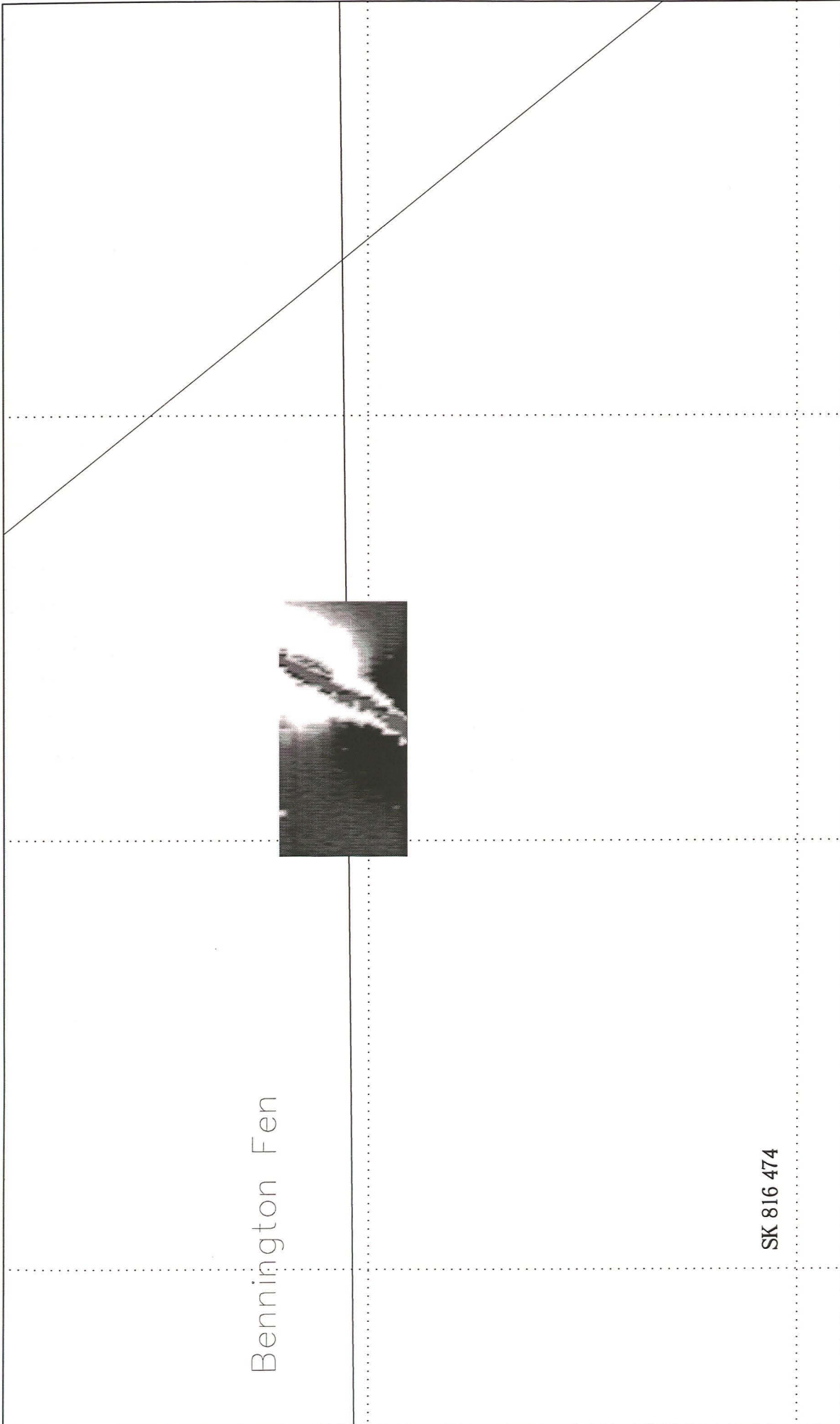


Figure C36



Scale 1:1250

Results of Stage 2 magnetometer area survey Field 97

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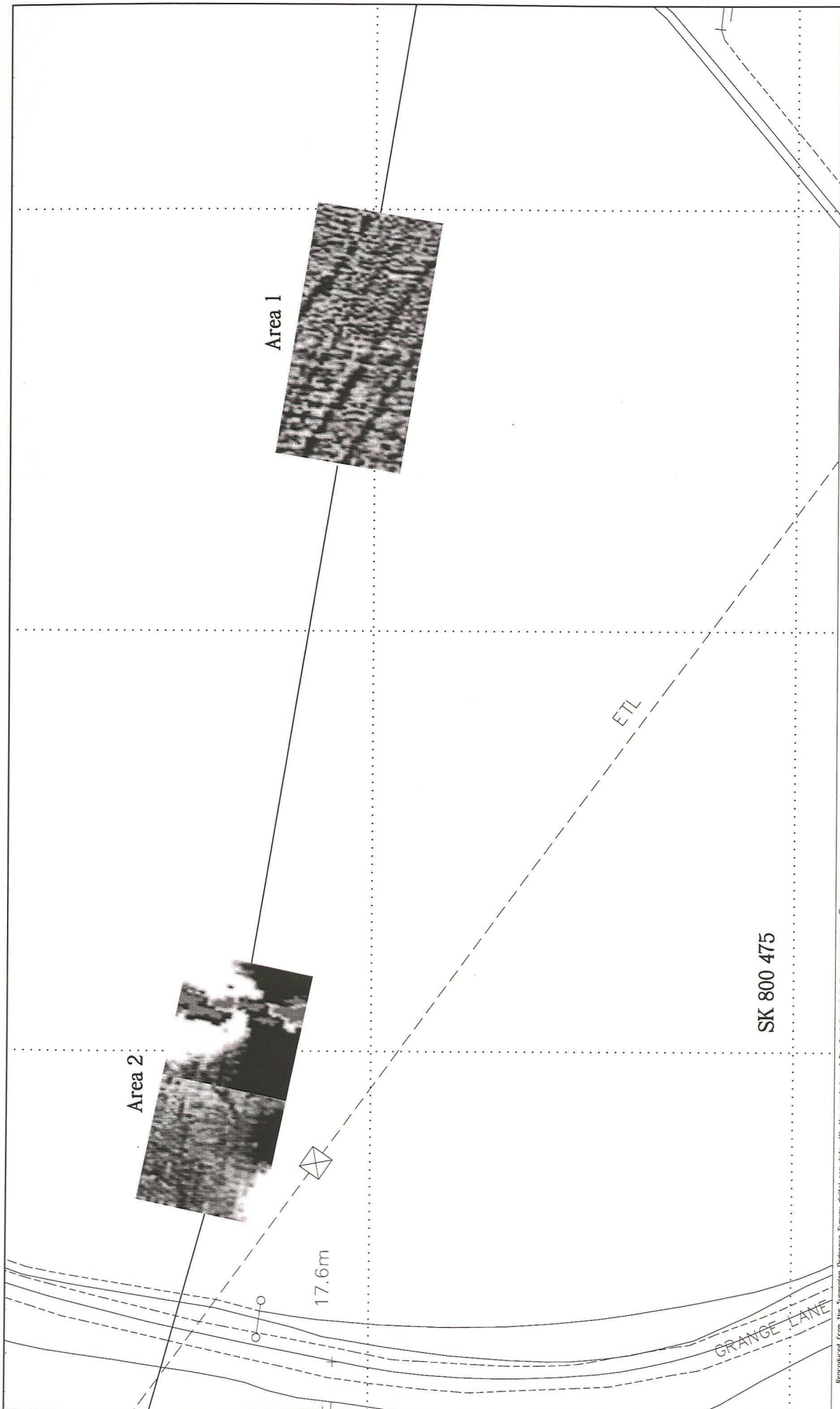


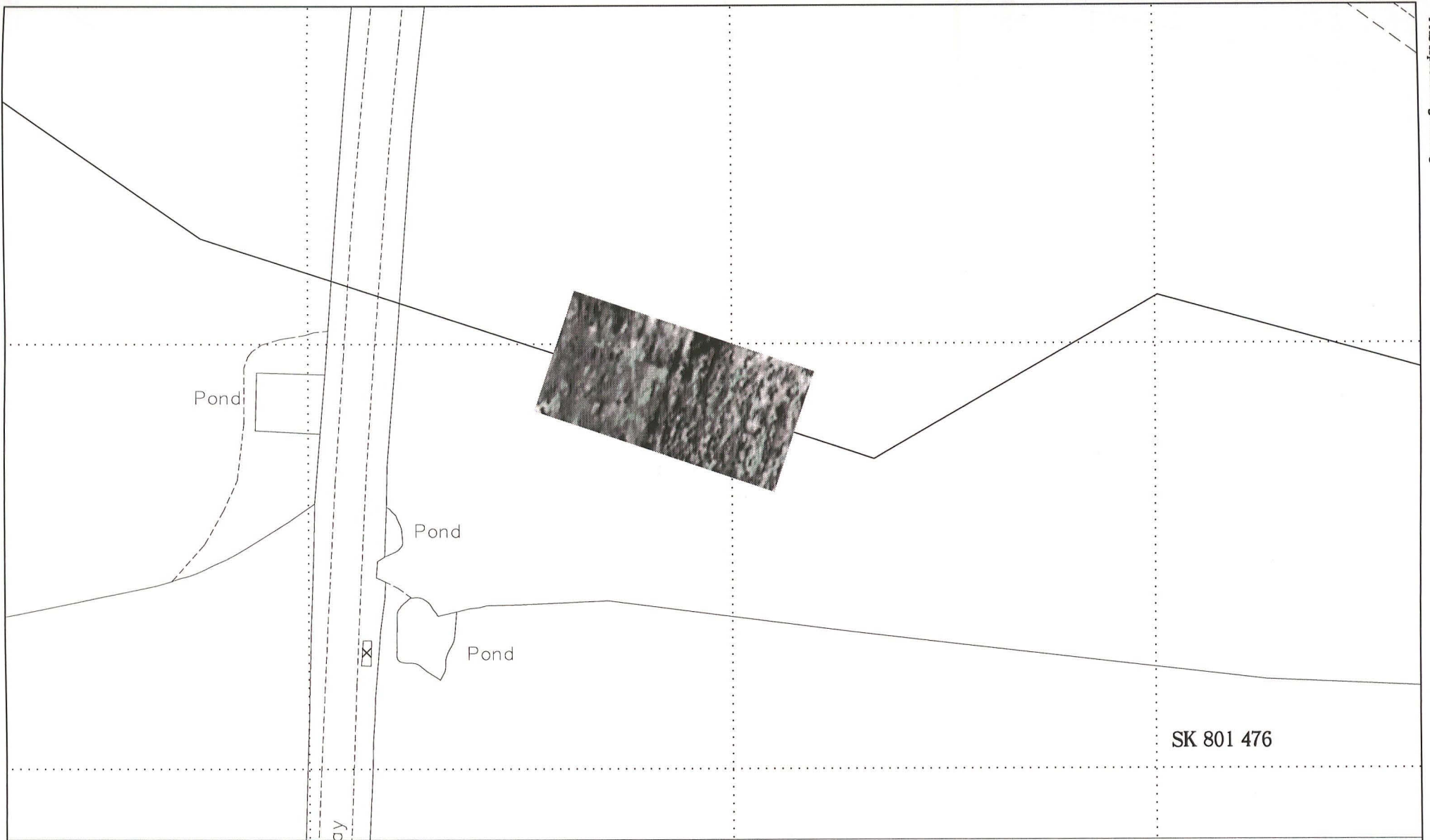
Figure C37



Scale 1:1250

Results of Stage 2 magnetometer area survey Field 99

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SK 801 476



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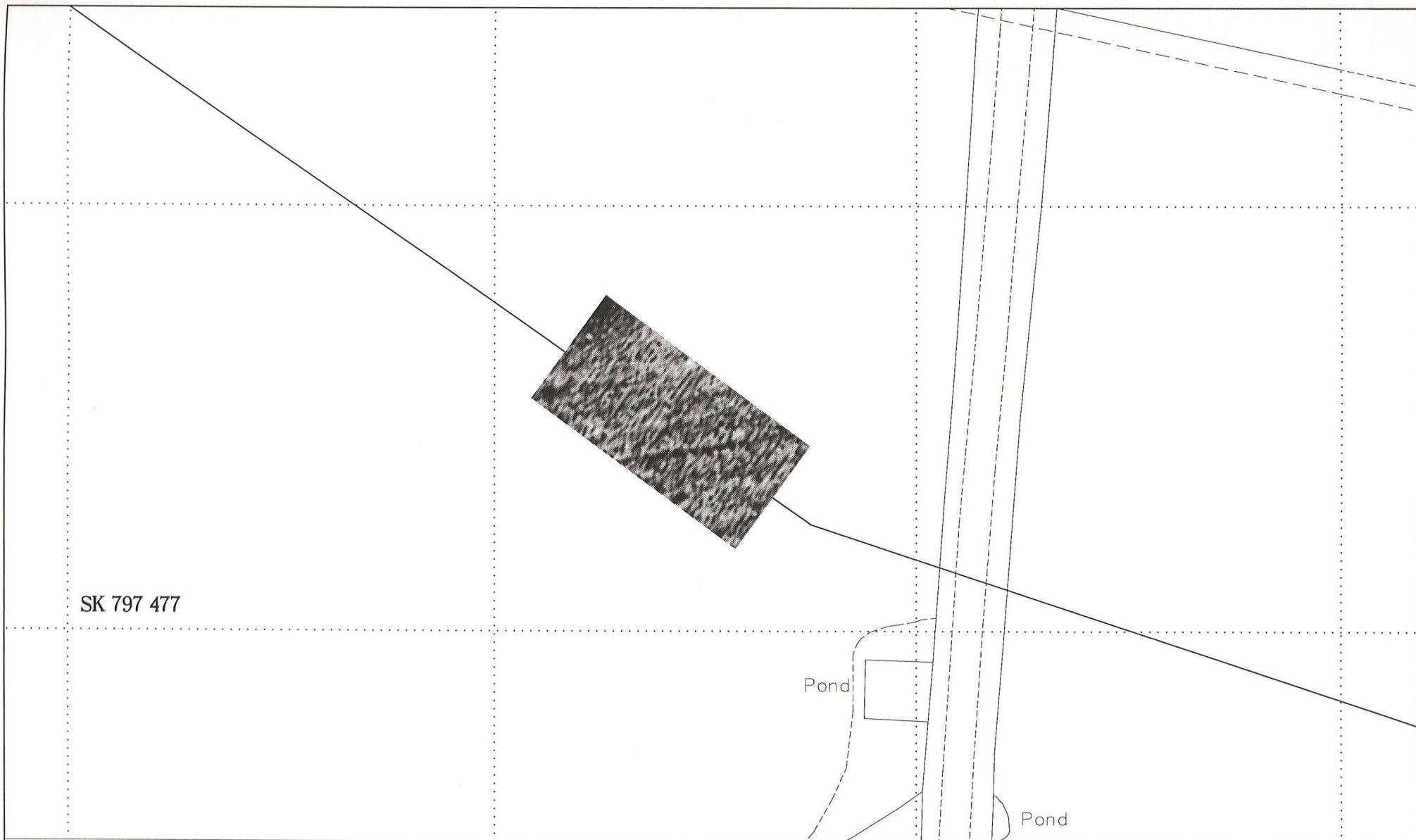
Results of Stage 2 magnetometer area survey Field 100

Scale 1:1250



Figure C38





SK 797 477

Pond

Pond

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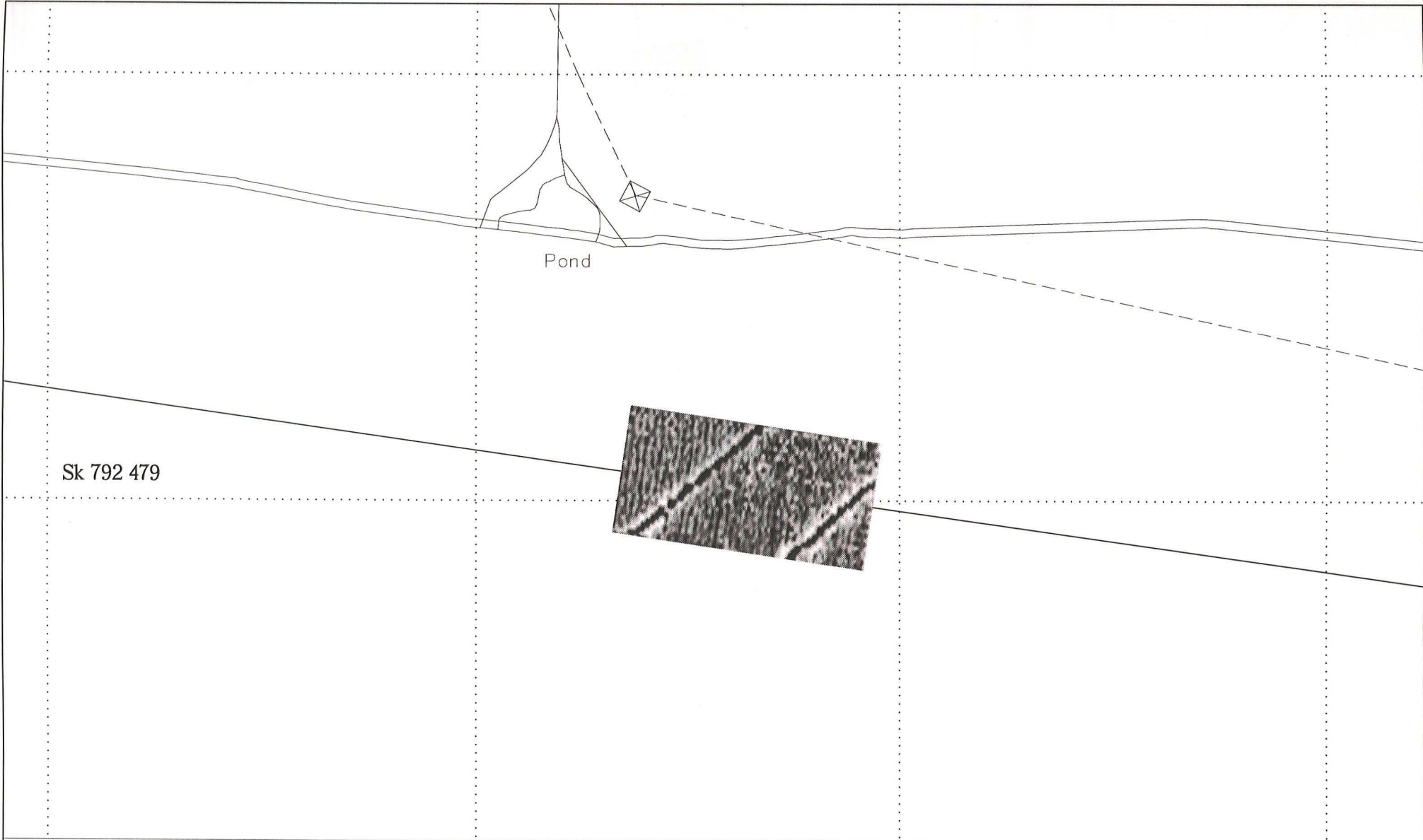


Results of Stage 2 magnetometer area survey Field 101

Scale 1:1250



Figure C39



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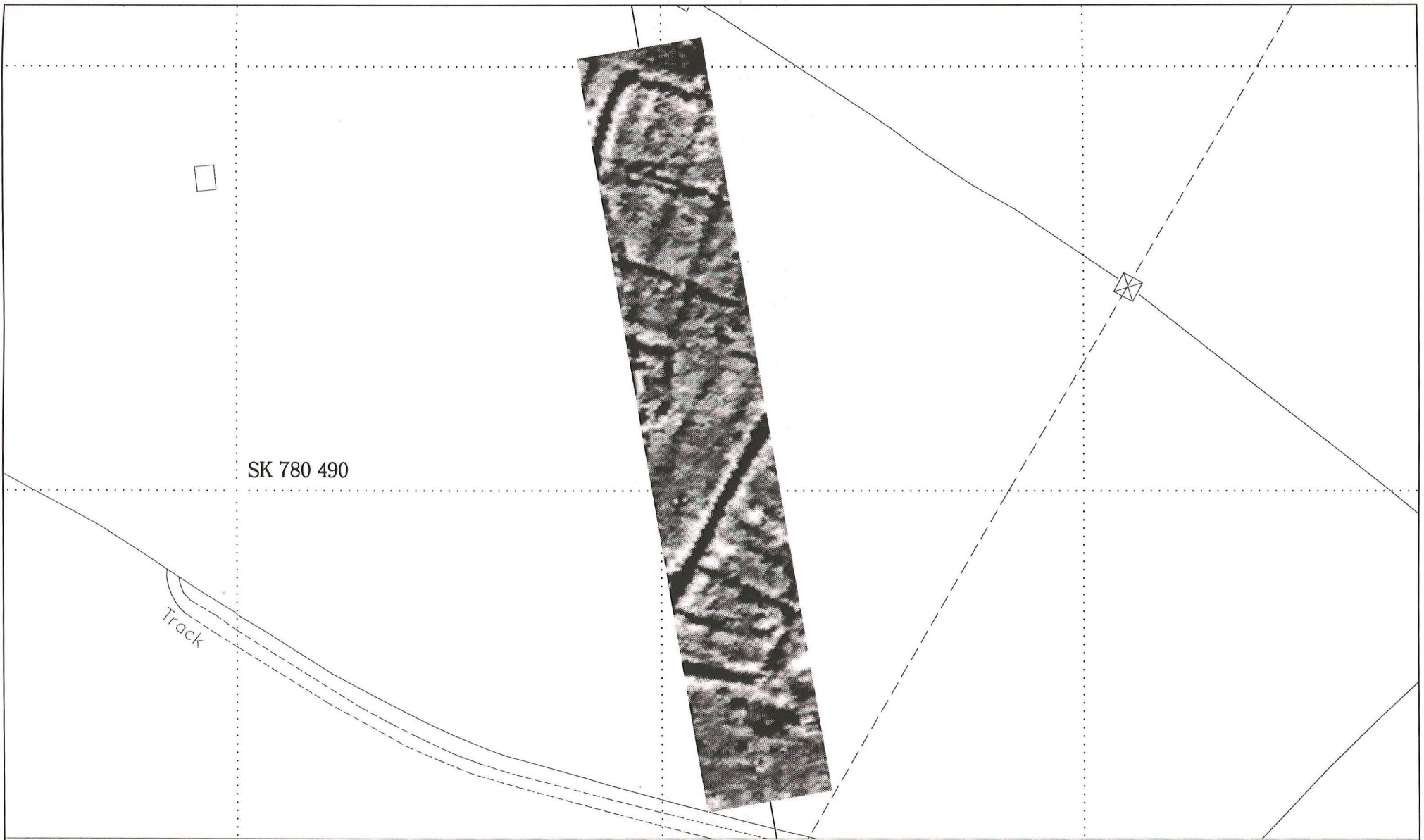
Results of Stage 2 magnetometer area survey Field 102

Scale 1:1250



Figure C40





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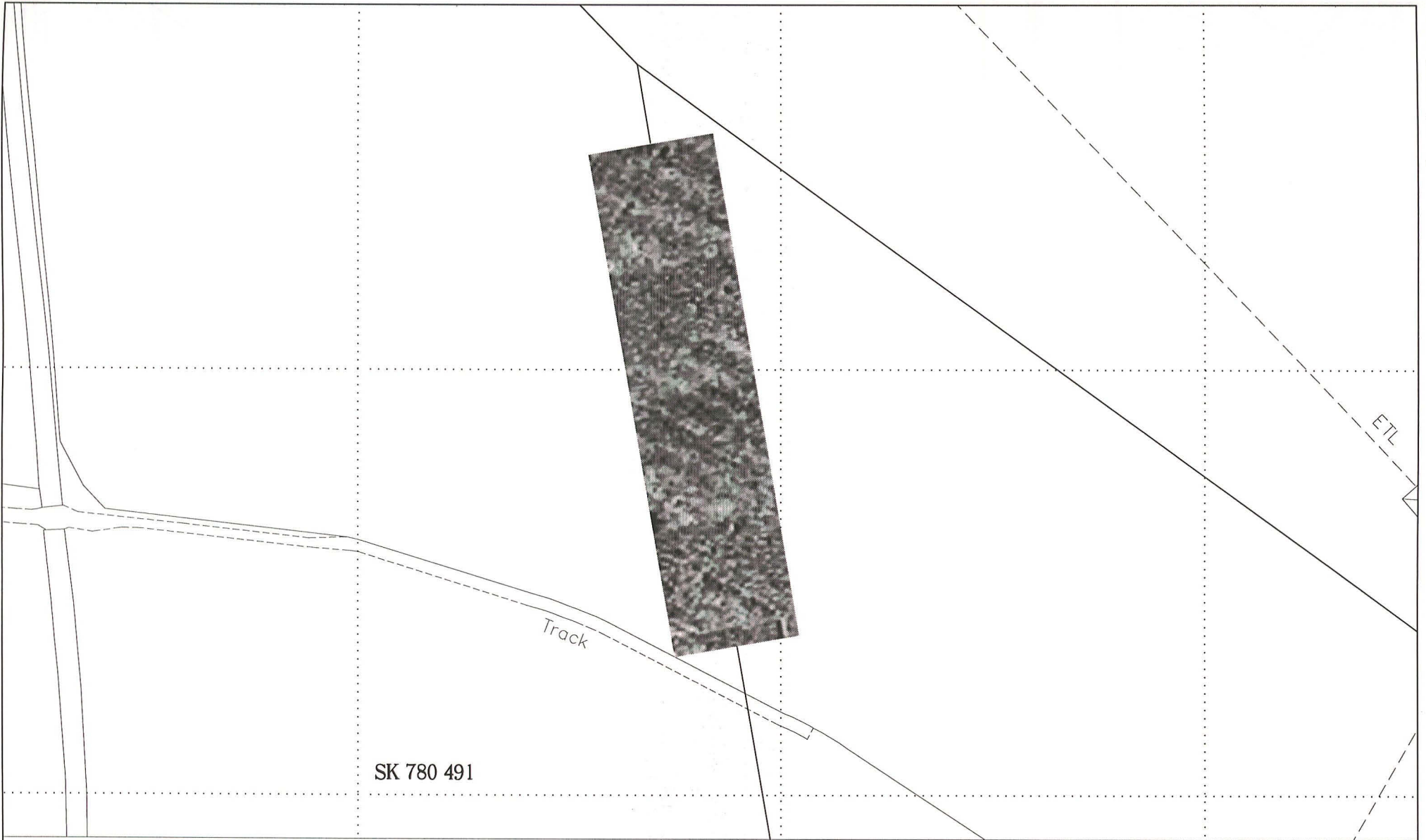


Results of Stage 2 magnetometer area survey Field 109

Scale 1:1250



Figure C41



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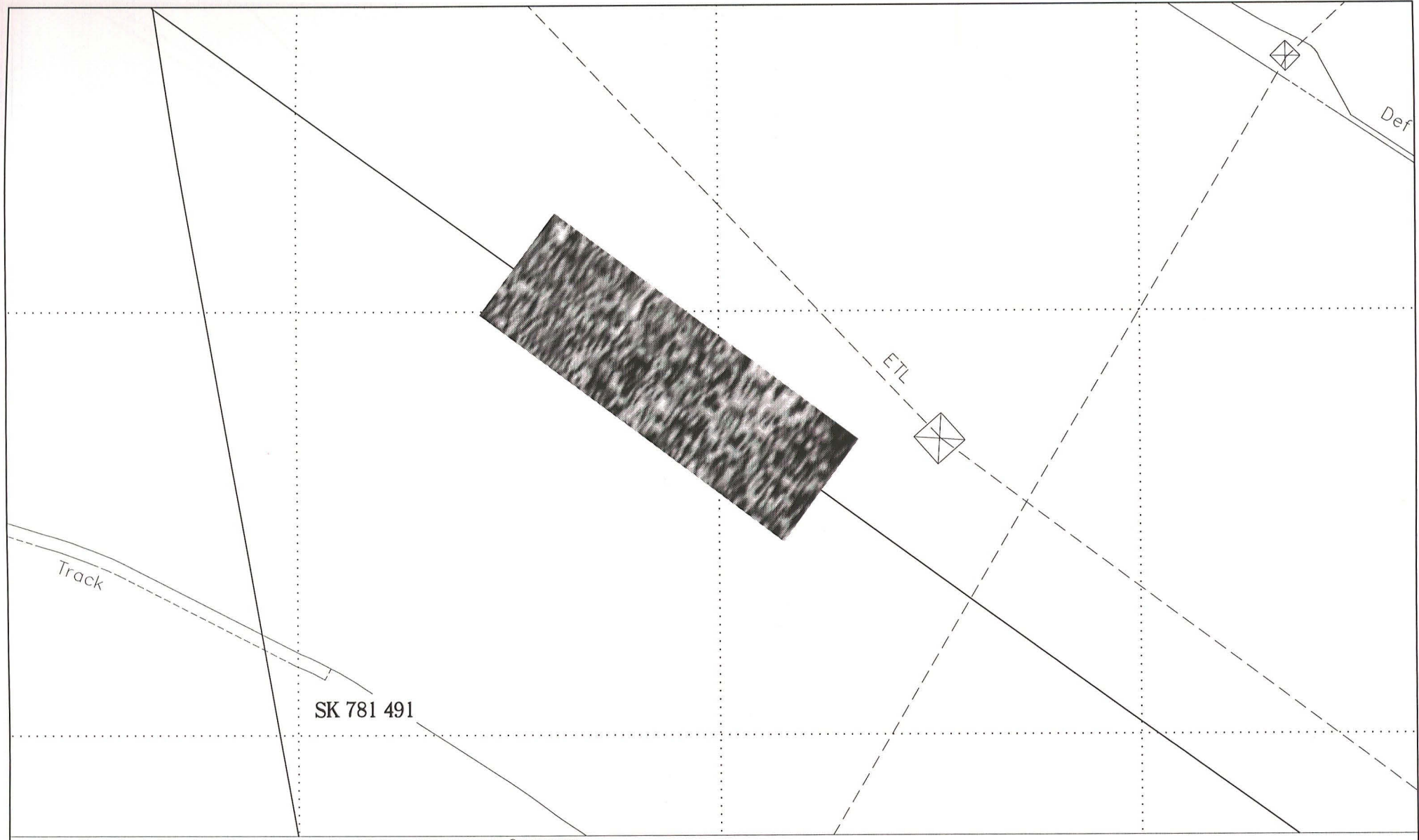
Results of Stage 2 magnetometer area survey Field 110

Scale 1:1250



Figure C42





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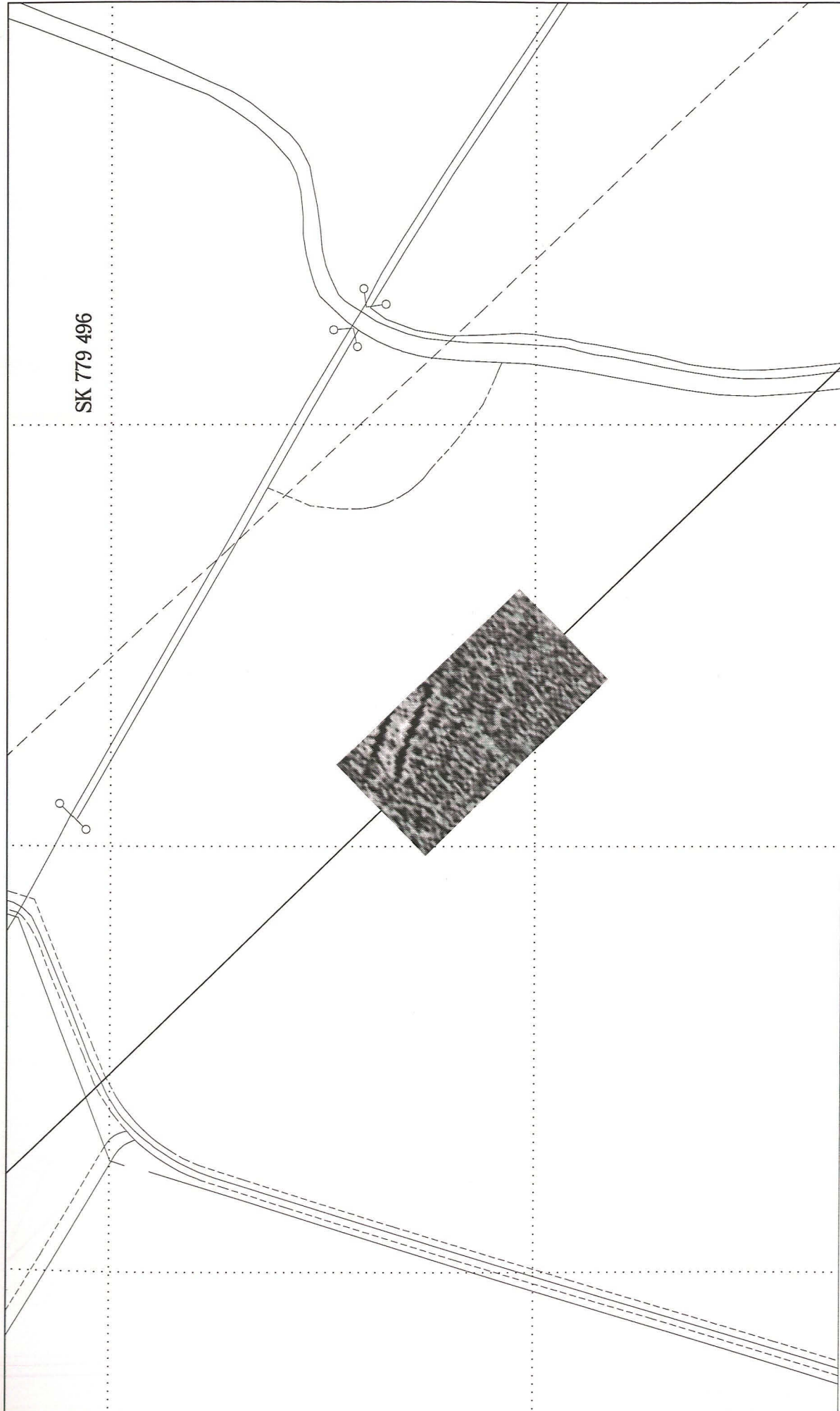


### Results of Stage 2 magnetometer area survey Field 110A

Scale 1:1250



Figure C43



SK 779 496

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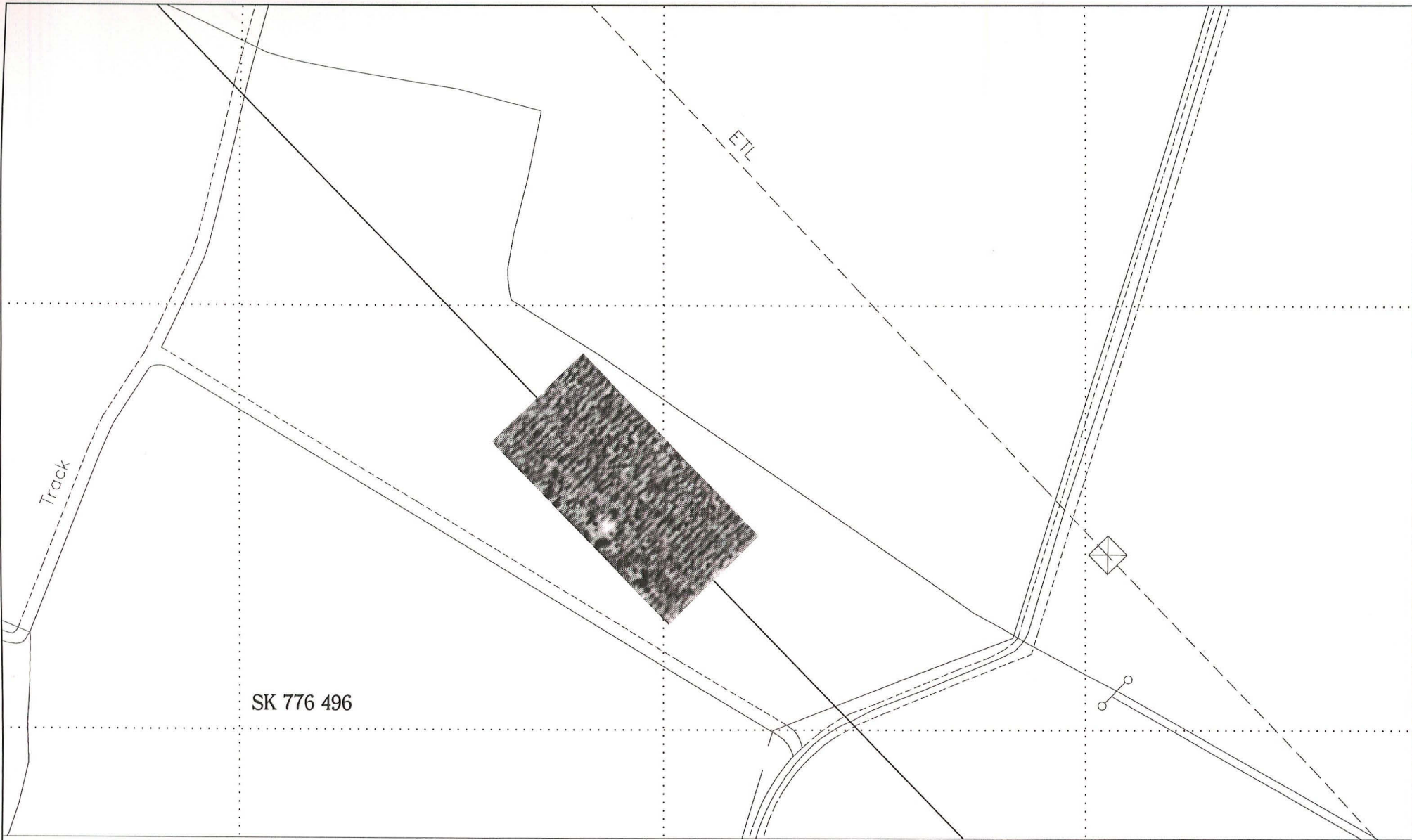
Results of Stage 2 magnetometer area survey Field 111

Scale 1:1250



Figure C44





SK 776 496

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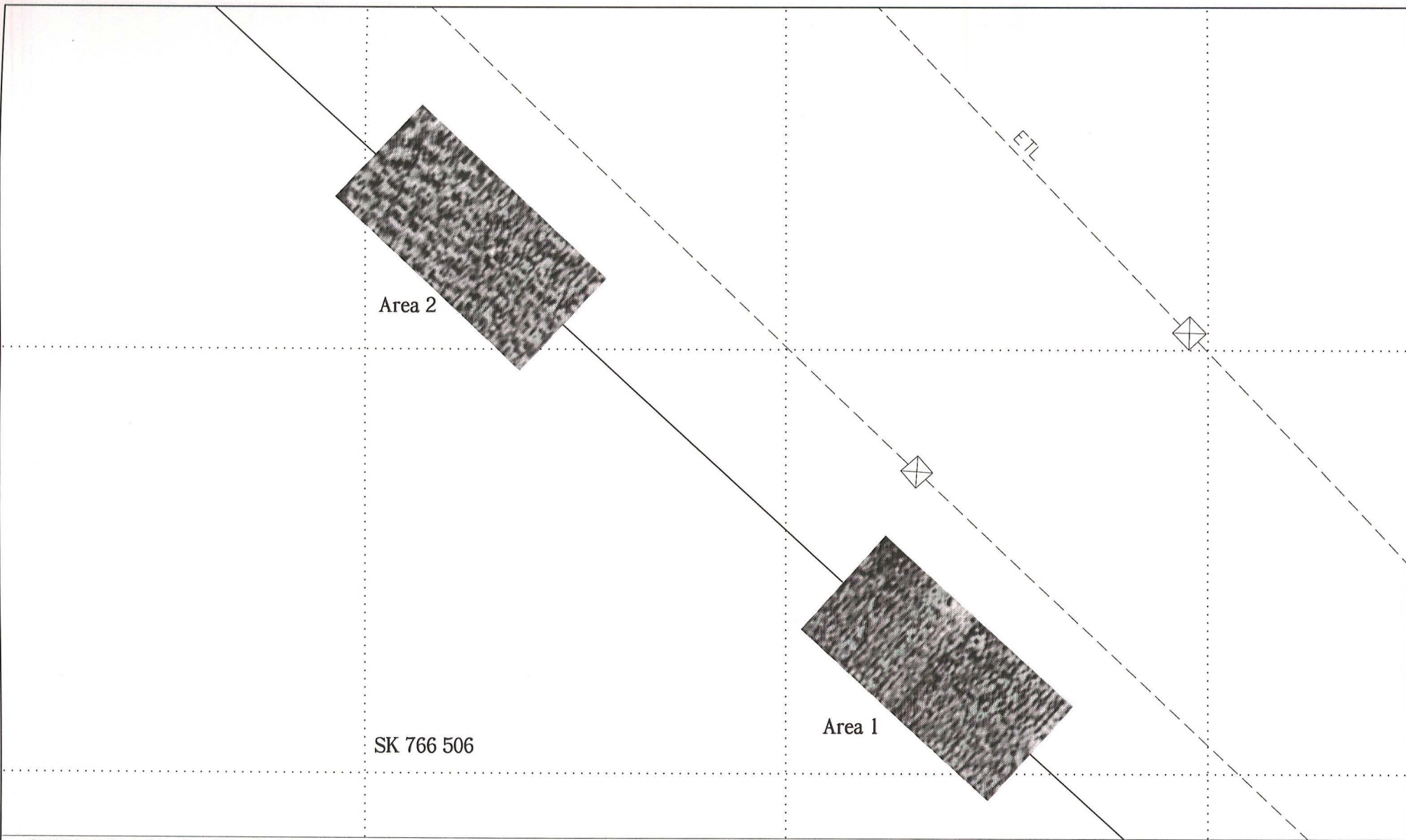


Results of Stage 2 magnetometer area survey Field 112

Scale 1:1250



Figure C45



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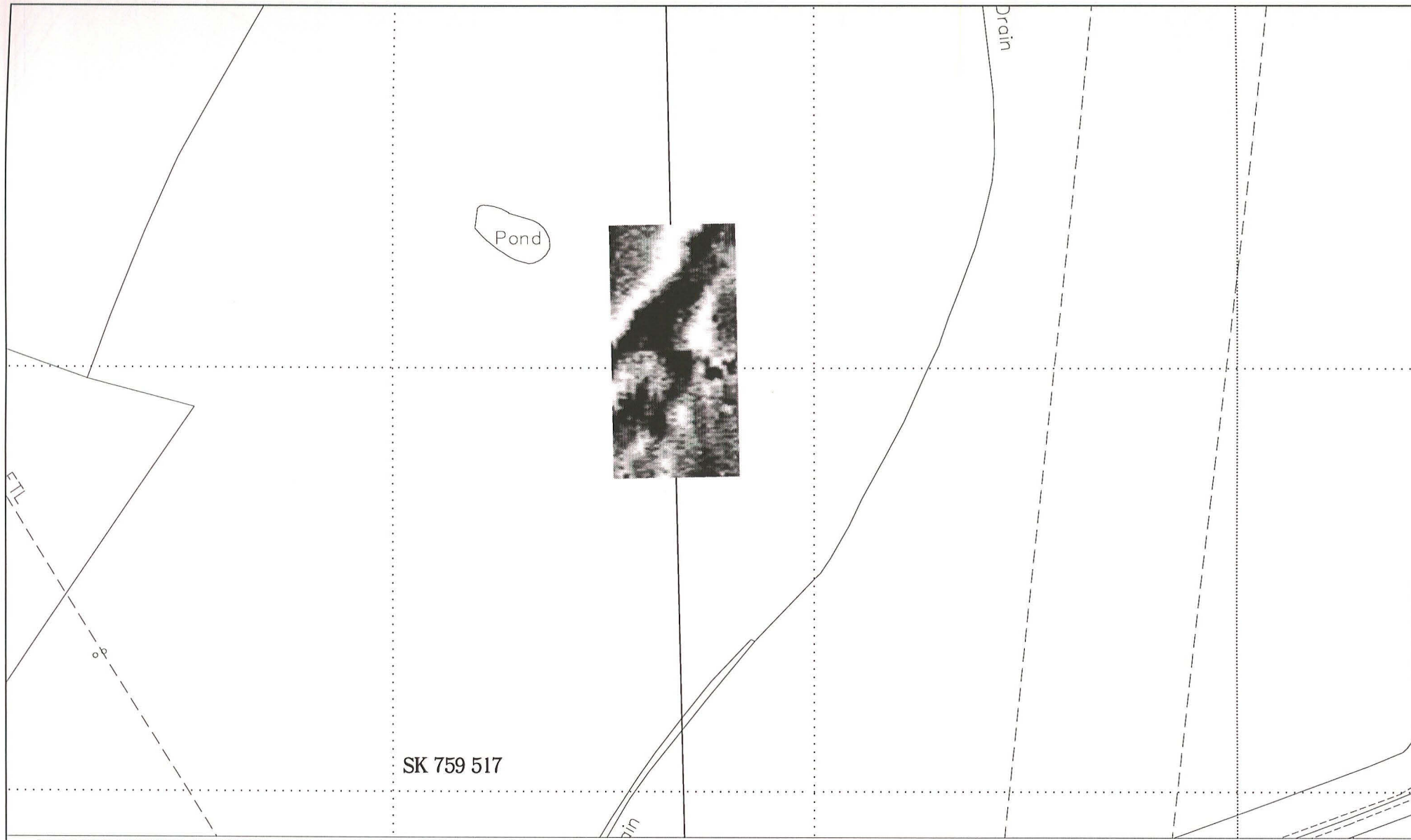
Results of Stage 2 magnetometer area survey Field 118

Scale 1:1250



Figure C46





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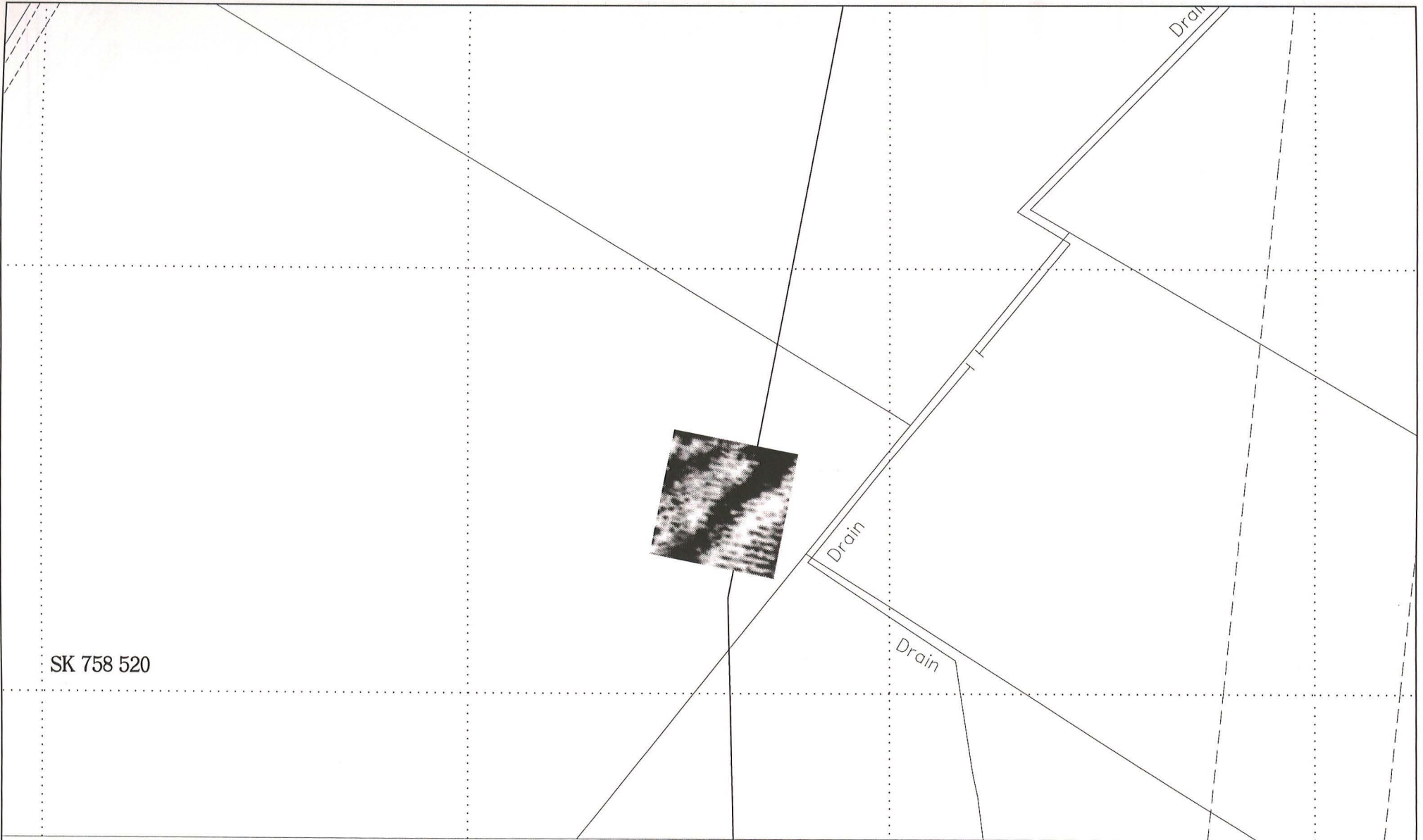


Results of Stage 2 magnetometer area survey Field 123

Scale 1:1250



Figure C47



SK 758 520

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Results of Stage 2 magnetometer area survey Field 124

Scale 1:1250



Figure C48





Figure C49



Scale 1:1250

Results of Stage 2 magnetometer area survey Field 125

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## APPENDIX D FIELDWALKING FINDS (INT.2)

## Table of abbreviations used in the period field

All abbreviations can be suffixed with ? (uncertain). Centuries can be suffixed with + (and later).

ABBREV	PERIOD/DATE	ABBREV.	PERIOD/DATE
Palaeo	Palaeolithic	L2E3	Late 2 <sup>nd</sup> Century to early 3 <sup>rd</sup> Century
Meso	Mesolithic	3C	3 <sup>rd</sup> Century
Neo	Neolithic	L3E4	Late 3 <sup>rd</sup> to early 4 <sup>th</sup> Century
LN	Later Neolithic	3-4C	3 <sup>rd</sup> to 4 <sup>th</sup> Century
LN-EBA	Later Neolithic to Early Bronze Age	M3-4C	Mid 3 <sup>rd</sup> to 4 <sup>th</sup> Century
EBS	Early Bronze Age	M3	Mid 3 <sup>rd</sup> Century
BA	Bronze Age	4C	4 <sup>th</sup> Century
MBA	Middle Bronze Age	M4	Mid 4 <sup>th</sup> Century
LBA	Later Bronze Age	RO+	Roman or later
IA	Iron Age	5C	5 <sup>th</sup> Century
EIA	Earlier Iron Age	6C	6 <sup>th</sup> Century
MIA	Mid Iron Age	7C	7 <sup>th</sup> Century
LIA	Late Iron Age	8C	8 <sup>th</sup> Century
E-MIA	Earlier to Mid Iron Age	9C	9 <sup>th</sup> Century
M-LIA	Mid to Later Iron Age	10C	10 <sup>th</sup> Century
LIA-RO	Later Iron Age to Roman	11C	11 <sup>th</sup> Century
IA-RO	Iron Age to Roman	12C	12 <sup>th</sup> Century
RB	Romano-British	13C	13 <sup>th</sup> Century
RO	Roman	14C	14 <sup>th</sup> Century
1C	1 <sup>st</sup> Century	15C	15 <sup>th</sup> Century
1-2C	1 <sup>st</sup> to 2 <sup>nd</sup> Century	16C	16 <sup>th</sup> Century
L1-E2	Late 1 <sup>st</sup> Century to early 2 <sup>nd</sup> Century	17C	17 <sup>th</sup> Century
EM2	Early to mid 2 <sup>nd</sup> Century	18C	18 <sup>th</sup> Century
2C	2 <sup>nd</sup> Century	19C	19 <sup>th</sup> Century
M2	Mid 2 <sup>nd</sup> Century	20C	20 <sup>th</sup> Century
PH	Prehistoric	Ro-Med	Roman to Medieval
AS	Anglo-Saxon	Pmed	Post Medieval
Med	Medieval	M-Pmed	Medieval to post Medieval
Lmed	Later Medieval		

A glossary of the ceramic type used in the type field is given on p.Fv of Appendix F.



## Intervention 2 - Table of fieldwalking finds

Find No	Field	Stint	Lane	Material	Identity	Type	Period	Count	Weight (g)	OS Tile	OS east	OS north	BG map
1	1	2	C	CERAMIC	LAND DRAIN		Pmed	1	24.8	TF04SE	50807	34370	1
320	1	5	C	METAL (Fe)	KNIFE ?		RO	1	48.4	TF04SE	50807	34370	1
2	1	8	A	CERAMIC	TILE		M-Pmed	1	10.0	TF04SE	50807	34370	1
3	1	8	A	CERAMIC	POT(RIM)	MEDLOC	13-15C	1	12.3	TF04SE	50807	34370	1
4	1	13	A	CERAMIC	POT(BODY)	BOU	15-16C	1	3.9	TF04SE	50807	34370	1
5	1	13	B	CERAMIC	LAND DRAIN		Pmed	1	21.4	TF04SE	50807	34370	1
6	1	13	E	CERAMIC	JAR(BODY)	GREY	2-3C	1	9.0	TF04SE	50807	34370	1
7	1	18	C	CERAMIC	LAND DRAIN		Pmed	1	19.7	TF04SE	50807	34370	1
8	1	22	C	CERAMIC	POT(BODY)	BOUA	12-13C	1	16.2	TF04SE	50807	34370	1
9	1	24	B	CERAMIC	POT(BODY)	OX	RO	1	7.7	TF04SE	50807	34370	1
10	1	24	E	CERAMIC	POT(BODY)	BOU	15-16C	1	16.5	TF04SE	50807	34370	1
11	1	30	D	CERAMIC	POT(BODY)	GREY	2-3C	1	10.7	TF04SE	50807	34370	1
12	1	30	E	CERAMIC	POT(BODY)	BOU	15-16C	1	6.0	TF04SE	50807	34370	1
13	1	33	A	CERAMIC	POT(BODY)	MEDLOC	13-15C	1	3.8	TF04SE	50807	34370	1
14	1	37	B	CERAMIC	TILE		Pmed	1	9.6	TF04SE	50807	34370	1
15	1	39	D	CERAMIC	POT(RIM)	NOTG	13-15C	1	19.3	TF04SE	50807	34370	1
16	1	41	B	CERAMIC	POT(BODY)	BOU	15-16C	1	9.3	TF04SE	50807	34370	1
17	1	41	B	CERAMIC	POT(BODY)	NOTG	13-14C	1	4.0	TF04SE	50807	34370	1
18	1	54	C	CERAMIC	POT(BODY)	NOTG	13-14C	1	4.2	TF04SE	50807	34370	1
19	2	1	C	CERAMIC	TILE		Ro-Med	1	47.3	TF04SE	50760	34361	1
20	3	37	E	CERAMIC	TILE		M-Pmed	1	111.8	TF04SE	50720	34355	1
21	3	37	E	CERAMIC	TILE		M-Pmed	1	37.8	TF04SE	50720	34355	1
22	3	41	B	CERAMIC	TILE		Pmed	1	28.1	TF04SE	50720	34355	1
23	5	4	E	CERAMIC	BOWL(BASE)	BL	17-18C	1	15.8	TF04SE	50640	34358	2
24	8	19	D	FLINT	TOOL	MISC RET	PH	1	10.0	TF04SE	50564	34364	2
25	10	17	E	CERAMIC	TILE		Pmed	1	18.1	TF04SE	50500	34382	2,3
26	10	18	E	CERAMIC	LAND DRAIN		Pmed	1	4.1	TF04SE	50500	34382	2,3
28	10	18	E	CERAMIC	LAND DRAIN		Pmed	1	0.8	TF04SE	50500	34382	2,3
27	10	19	B	CERAMIC	LAND DRAIN		Pmed	1	21.2	TF04SE	50500	34382	2,3
29	10	20	B	CERAMIC	LAND DRAIN		Pmed	1	10.4	TF04SE	50500	34382	2,3
30	11	2	B	CERAMIC	LAND DRAIN		Pmed	1	4.8	TF04SW	50472	34395	3
31	11	3	A	CERAMIC	TILE	PAN	Pmed	1	35.3	TF04SW	50472	34395	3
32	11	4	A	CERAMIC	BOWL(BODY)	BL	17-18C	1	3.2	TF04SW	50472	34395	3
33	11	6	D	FLINT	WASTE	FLAKE	PH	1	2.3	TF04SW	50472	34395	3
34	11	8	E	CERAMIC	POT(BASE)	ST	11-12C	1	3.4	TF04SW	50472	34395	3
35	11	9	A	CERAMIC	POT(BODY)	NOTG	13-14C	1	3.7	TF04SW	50472	34395	3
36	11	11	E	FLINT	WASTE	FLAKE	PH	1	0.5	TF04SW	50472	34395	3
37	11	12	A	CERAMIC	POT(RIM)	MEDLOC	13-15C	1	21.3	TF04SW	50472	34395	3
38	11	15	B	FLINT	WASTE	FLAKE	PH	1	0.7	TF04SW	50472	34395	3
39	11	19	B	CERAMIC	POT(BODY)	MEDLOC	13-15C	1	3.5	TF04SW	50472	34395	3
40	11	22	B	FLINT	WASTE	FLAKE	PH	1	2.8	TF04SW	50472	34395	3
42	11	22	C	CERAMIC	CUP(RIM)	CSTN	16-17C	1	1.1	TF04SW	50472	34395	3
41	11	22	D	FLINT	WASTE	FLAKE	PH	1	1.4	TF04SW	50472	34395	3
43	11	23	B	CERAMIC	TILE	PLAIN	M-Pmed	1	47.9	TF04SW	50472	34395	3
321	11	23	C	METAL (Fe)	HOOK ?			1	67.7	TF04SW	50472	34395	3



Find No	Field	Stint	Lane	Material	Identity	Type	Period	Count	Weight (g)	OS Tile	OS east	OS north	BG map
44	11	24	A	CERAMIC	TILE	PLAIN	Med	1	52.9	TF04SW	50472	34395	3
45	11	28	B	CERAMIC	BOWL/JAR(RIM)	STCOAR	17-18C	1	38.5	TF04SW	50472	34395	3
46	11	31	E	FLINT	WASTE	FLAKE	PH	1	5.3	TF04SW	50472	34395	3
47	11	31	E	CERAMIC	TILE		Pmed	1	36.7	TF04SW	50472	34395	3
48	11	33	D	CERAMIC	BOWL?(RIM)	STSL	L17-18C	1	5.0	TF04SW	50472	34395	3
49	11	33	E	CERAMIC	BOWL(RIM)	STCOAR	17-18C	1	45.3	TF04SW	50472	34395	3
50	11	33	E	CERAMIC	TILE	PLAIN	Pmed	1	30.5	TF04SW	50472	34395	3
51	11	34	B	FLINT	WASTE	FLAKE	PH	1	13.1	TF04SW	50472	34395	3
52	11	34	B	CERAMIC	TILE	PAN	Pmed	1	8.1	TF04SW	50472	34395	3
53	11	36	E	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	18.4	TF04SW	50472	34395	3
54	12	2	D	CERAMIC	JAR(BODY)	STCOAR	17-18C	1	5.9	TF04SW	50468	34425	3
55	12	4	E	CERAMIC	BOWL(BASE)	STCOAR	17-18C	1	7.8	TF04SW	50468	34425	3
56	12	8	A	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	6.2	TF04SW	50468	34425	3
57	12	14	C	CERAMIC	POT(BODY)	STRE	L17-18C	1	2.9	TF04SW	50468	34425	3
58	12	15	E	FLINT	WASTE	FLAKE	PH	1	8.5	TF04SW	50468	34425	3
59	12	16	B	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	13.7	TF04SW	50468	34425	3
60	12	24	B	CERAMIC	JAR(BODY)	STCOAR	17-18C	1	15.4	TF04SW	50468	34425	3
61	12	25	E	CERAMIC	LAND DRAIN		Pmed	1	18.0	TF04SW	50468	34425	3
62	12	25	E	CERAMIC	JUG(BODY)	MP	15-16C	1	24.0	TF04SW	50468	34425	3
63	13	5	B	FLINT	WASTE	FLAKE	PH	1	5.3	TF04SW	50466	34455	3
64	13	8	A	CERAMIC	POT(RIM)	MEDLOC	13-15C	1	8.0	TF04SW	50466	34455	3
65	13	9	C	FLINT	WASTE	FLAKE	PH	1	4.5	TF04SW	50466	34455	3
66	13	11	E	CERAMIC	POT(BODY)	TOY	13-14C	1	8.5	TF04SW	50466	34455	3
67	13	16	B	FLINT	WASTE	FLAKE	PH	1	5.0	TF04SW	50466	34455	3
68	13	16	B	FLINT	TOOL	SCRAPER	PH	1	18.5	TF04SW	50466	34455	3
69	13	19	B	FLINT	WASTE	FLAKE	PH	1	3.0	TF04SW	50466	34455	3
70	13	21	C	FLINT	WASTE	CORE	PH	1	14.5	TF04SW	50466	34455	3
71	18	1	B	FLINT	WASTE	BLADE	PH	1	4.1	TF04NW	50390	34522	3,4
72	18	8	B	CERAMIC	BRICK	SLOP MOULDED	14C+	1	27.0	TF04NW	50390	34522	3,4
73	18	10	C	FLINT	WASTE	FLAKE	PH	1	2.2	TF04NW	50390	34522	3,4
95	18	10	D	CERAMIC	POT(BODY)			1	2.9	TF04NW	50390	34522	3,4
97	18	11	B	FLINT	WASTE	FLAKE	PH	1	3.0	TF04NW	50390	34522	3,4
74	18	11	B	FLINT	WASTE	FLAKE	PH	1	3.4	TF04NW	50390	34522	3,4
96	18	11	C	FLINT	WASTE	FLAKE	PH	1	4.5	TF04NW	50390	34522	3,4
99	18	12	B	BFLINT			PH	1	2.9	TF04NW	50390	34522	3,4
98	18	12	B	FLINT	WASTE	FLAKE	PH	1	1.3	TF04NW	50390	34522	3,4
101	18	12	C	FLINT	WASTE	FLAKE	PH	1	3.6	TF04NW	50390	34522	3,4
76	18	13	A	FLINT	WASTE	BLADE	PH	1	0.6	TF04NW	50390	34522	3,4
102	18	13	C	FLINT	TOOL	SCRAPER	PH	1	5.5	TF04NW	50390	34522	3,4
75	18	13	D	FLINT	WASTE	FLAKE	PH	1	0.4	TF04NW	50390	34522	3,4
103	18	14	A	FLINT	WASTE	CORE	PH	1	11.3	TF04NW	50390	34522	3,4
77	18	14	B	FLINT	WASTE	CORE	PH	1	19.4	TF04NW	50390	34522	3,4
100	18	14	B	FLINT	WASTE	FLAKE	PH	1	4.5	TF04NW	50390	34522	3,4
79	18	14	B	FLINT	WASTE	FLAKE	PH	1	4.2	TF04NW	50390	34522	3,4
80	18	14	B	FLINT	WASTE	FLAKE	PH	1	4.2	TF04NW	50390	34522	3,4
81	18	14	B	FLINT	WASTE	CORE	PH	1	10.8	TF04NW	50390	34522	3,4



Find No	Field	Stint	Lane	Material	Identity	Type	Period	Count	Weight (g)	OS Tile	OS east	OS north	BG map
82	18	14	B	FLINT	WASTE	CORE	PH	1	16.2	TF04NW	50390	34522	3,4
78	18	14	D	FLINT	WASTE	FLAKE	PH	1	1.0	TF04NW	50390	34522	3,4
107	18	15	A	FLINT	WASTE	CORE	PH	1	24.3	TF04NW	50390	34522	3,4
106	18	15	C	FLINT	WASTE	FLAKE	PH	1	2.6	TF04NW	50390	34522	3,4
104	18	15	C	FLINT	WASTE	FLAKE	PH	1	1.8	TF04NW	50390	34522	3,4
105	18	15	C	FLINT	WASTE	FLAKE	PH	1	1.6	TF04NW	50390	34522	3,4
108	18	16	B	FLINT	WASTE	FLAKE	PH	1	9.1	TF04NW	50390	34522	3,4
111	18	16	B	CERAMIC	TILE		Pmed	1	18.2	TF04NW	50390	34522	3,4
109	18	16	E	FLINT	WASTE	FLAKE	PH	1	2.6	TF04NW	50390	34522	3,4
110	18	16	E	FLINT	WASTE	FLAKE	PH	1	1.0	TF04NW	50390	34522	3,4
83	18	17	B	FLINT	WASTE	FLAKE	PH	1	1.2	TF04NW	50390	34522	3,4
112	18	17	C	FLINT	WASTE	BLADE	PH	1	4.7	TF04NW	50390	34522	3,4
84	18	18	A	FLINT	WASTE	FLAKE	PH	1	0.6	TF04NW	50390	34522	3,4
113	18	18	C	FLINT	WASTE	FLAKE	PH	1	2.2	TF04NW	50390	34522	3,4
85	18	19	A	FLINT	WASTE	BLADE	PH	1	10.1	TF04NW	50390	34522	3,4
86	18	19	B	FLINT	WASTE	FLAKE	PH	1	4.0	TF04NW	50390	34522	3,4
87	18	19	E	FLINT	WASTE	FLAKE	PH	1	15.6	TF04NW	50390	34522	3,4
116	18	20	B	FLINT	WASTE	FLAKE	PH	1	5.0	TF04NW	50390	34522	3,4
115	18	20	B	FLINT	WASTE	BLADE	PH	1	1.7	TF04NW	50390	34522	3,4
114	18	20	B	FLINT	WASTE	CORE	PH	1	32.4	TF04NW	50390	34522	3,4
118	18	21	C	FLINT	WASTE	FLAKE	PH	1	7.4	TF04NW	50390	34522	3,4
117	18	21	C	FLINT	WASTE	FLAKE	PH	1	0.9	TF04NW	50390	34522	3,4
88	18	21	D	FLINT	WASTE	FLAKE	PH	1	2.3	TF04NW	50390	34522	3,4
92	18	22	A	FLINT	WASTE	FLAKE	PH	1	3.2	TF04NW	50390	34522	3,4
93	18	22	B	FLINT	WASTE	FLAKE	PH	1	6.6	TF04NW	50390	34522	3,4
91	18	22	B	FLINT	WASTE	FLAKE	PH	1	2.2	TF04NW	50390	34522	3,4
90	18	22	C	FLINT	WASTE	FLAKE	PH	1	0.4	TF04NW	50390	34522	3,4
89	18	22	C	FLINT	WASTE	FLAKE	PH	1	17.8	TF04NW	50390	34522	3,4
94	18	22	E	FLINT	WASTE	FLAKE	PH	1	0.6	TF04NW	50390	34522	3,4
119	19	3	C	FLINT	TOOL	SCRAPER	PH	1	3.2	TF04NW	50370	34510	4
120	19	4	C	FLINT	WASTE	FLAKE	PH	1	2.3	TF04NW	50370	34510	4
121	19	5	A	FLINT	WASTE	FLAKE	PH	1	1.8	TF04NW	50370	34510	4
122	19	7	E	FLINT	WASTE	FLAKE	PH	1	1.0	TF04NW	50370	34510	4
126	19	8	B	FLINT	WASTE	FLAKE	PH	1	5.4	TF04NW	50370	34510	4
123	19	8	E	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	6.4	TF04NW	50370	34510	4
124	19	8	E	CERAMIC	BRICK		Pmed	1	100.3	TF04NW	50370	34510	4
125	19	8	E	FLINT	WASTE	FLAKE	PH	1	11.0	TF04NW	50370	34510	4
128	19	10	B	CERAMIC	TILE	PLAIN	M-Pmed	1	15.5	TF04NW	50370	34510	4
127	19	10	C	FLINT	WASTE	FALKE	PH	1	5.2	TF04NW	50370	34510	4
131	19	11	A	FLINT	WASTE	FLAKE	PH	1	1.0	TF04NW	50370	34510	4
130	19	11	A	FLINT	WASTE	FLAKE	PH	1	2.3	TF04NW	50370	34510	4
129	19	11	A	FLINT	TOOL	MISC. RET	PH	1	8.4	TF04NW	50370	34510	4
132	19	12	D	FLINT	WASTE	FLAKE	PH	1	1.1	TF04NW	50370	34510	4
133	19	13	B	FLINT	WASTE	FLAKE	PH	1	3.8	TF04NW	50370	34510	4
134	19	13	B	FLINT	TOOL	SCRAPER	PH	1	3.0	TF04NW	50370	34510	4
135	19	14	B	FLINT	WASTE	FLAKE	PH	1	4.4	TF04NW	50370	34510	4
136	19	16	A	FLINT	WASTE	FLAKE	PH	1	3.6	TF04NW	50370	34510	4



Find No	Field	Stint	Lane	Material	Identity	Type	Period	Count	Weight (g)	OS Tile	OS east	OS north	BG map
137	19	16	C	FLINT	WASTE	FLAKE	PH	1	3.9	TF04NW	50370	34510	4
138	19	17	D	FLINT	WASTE	FLAKE	PH	1	1.2	TF04NW	50370	34510	4
139	19	18	B	FLINT	WASTE	FLAKE	PH	1	10.5	TF04NW	50370	34510	4
141	19	24	B	CERAMIC	POT(BODY)	NOTG	13-14C	1	7.7	TF04NW	50370	34510	4
142	19	24	B	CERAMIC	POT(BODY)	CBM		1	2.9	TF04NW	50370	34510	4
140	19	24	C	FLINT	TOOL	SCRAPER	PH	1	1.8	TF04NW	50370	34510	4
143	20	6	D	FLINT	TOOL	SCRAPER	PH	1	3.5	TF04NW	50340	34492	4
144	20	7	E	FLINT	WASTE	FLAKE	PH	1	0.7	TF04NW	50340	34492	4
146	20	10	B	CERAMIC	BOTTLE(BASE)	NOTS	L17-19C	1	25.3	TF04NW	50340	34492	4
145	20	10	C	FLINT	WASTE	FLAKE	PH	1	4.0	TF04NW	50340	34492	4
147	20	12	A	FLINT	WASTE	FLAKE	PH	1	0.4	TF04NW	50340	34492	4
148	20	13	B	FLINT	WASTE	FLAKE	PH	1	0.2	TF04NW	50340	34492	4
150	20	13	B	FLINT	WASTE	FLAKE	PH	1	1.3	TF04NW	50340	34492	4
149	20	13	E	CERAMIC	TILE		Pmed	1	14.6	TF04NW	50340	34492	4
151	20	15	A	FLINT	WASTE	FLAKE	PH	1	1.1	TF04NW	50340	34492	4
152	20	15	D	FLINT	WASTE	BLADE	PH	1	1.2	TF04NW	50340	34492	4
153	20	15	E	FLINT	WASTE	CORE	PH	1	9.9	TF04NW	50340	34492	4
154	20	16	B	FLINT	WASTE	FLAKE	PH	1	0.6	TF04NW	50340	34492	4
155	20	19	E	CERAMIC	JAR(BASE)	NOTS	L17-19C	1	18.7	TF04NW	50340	34492	4
157	20	21	C	FLINT	POT LID			1	0.9	TF04NW	50340	34492	4
156	20	21	D	CERAMIC	BOTTLE(RIM)	DERBS	19C	1	22.3	TF04NW	50340	34492	4
159	20	22	A	FLINT	WASTE	FLAKE	PH	1	0.7	TF04NW	50340	34492	4
158	20	22	C	FLINT	WASTE	FLAKE	PH	1	6.2	TF04NW	50340	34492	4
169	20	24	A	CERAMIC	JAR(BODY)	BL	17-18C	1	6.1	TF04NW	50340	34492	4
160	20	25	E	CERAMIC	TILE		M-Pmed	1	14.4	TF04NW	50340	34492	4
170	20	27	A	FLINT	TOOL	UTIL FLAKE	PH	1	1.0	TF04NW	50340	34492	4
161	20	27	C	FLINT	TOOL	UTIL FLAKE	PH	1	7.7	TF04NW	50340	34492	4
162	20	28	A	CERAMIC	CLSD(BODY)	OX	RO?	1	12.3	TF04NW	50340	34492	4
171	20	29	A	FLINT	WASTE	FLAKE	PH	1	1.4	TF04NW	50340	34492	4
163	20	29	B	FLINT	WASTE	FLAKE	PH	1	3.8	TF04NW	50340	34492	4
172	20	29	B	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	12.1	TF04NW	50340	34492	4
173	20	30	C	FLINT	WASTE	FLAKE	PH	1	1.7	TF04NW	50340	34492	4
174	20	32	B	FLINT	WASTE	FLAKE	PH	1	1.6	TF04NW	50340	34492	4
175	20	32	B	FLINT	WASTE	FLAKE	PH	1	0.4	TF04NW	50340	34492	4
176	20	34	C	FLINT	WASTE	CORE	PH	1	9.3	TF04NW	50340	34492	4
164	20	42	D	FLINT	WASTE	FLAKE	PH	1	1.4	TF04NW	50340	34492	4
165	20	44	B	FLINT	WASTE	FLAKE	PH	1	11.7	TF04NW	50340	34492	4
166	20	44	E	FLINT	WASTE	FLAKE	PH	1	2.5	TF04NW	50340	34492	4
167	20	44	E	CERAMIC	STRAINER(BASE)	GREY	2-3C	1	8.7	TF04NW	50340	34492	4
168	20	45	C	FLINT	WASTE	FLAKE	PH	1	2.5	TF04NW	50340	34492	4
177	23	11	E	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	11.5	TF04SW	50260	34477	4
178	23	16	B	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	4.6	TF04SW	50260	34477	4
179	24	4	B	CERAMIC	TILE	PLAIN	Pmed	1	63.3	TF04SW	50236	34478	4
180	24	6	D	CERAMIC	CHP?(BODY)	STMO	L17-18C	1	3.5	TF04SW	50236	34478	4
181	24	7	B	CERAMIC	TILE	PLAIN	M-Pmed	1	13.1	TF04SW	50236	34478	4
182	24	9	E	CERAMIC	BOWL(BODY)	BL	17-18C	1	12.1	TF04SW	50236	34478	4
183	24	10	C	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	14.9	TF04SW	50236	34478	4



Find No	Field	Stint	Lane	Material	Identity	Type	Period	Count	Weight (g)	OS Tile	OS east	OS north	BG map
184	24	10	E	FLINT	WASTE	BLADE	PH	1	0.6	TF04SW	50236	34478	4
185	24	11	C	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	3.1	TF04SW	50236	34478	4
187	24	13	B	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	40.8	TF04SW	50236	34478	4
186	24	13	B	FLINT	WASTE	FLAKE	PH	1	4.2	TF04SW	50236	34478	4
188	24	13	E	CERAMIC	CUP(RIM)	CSTN	16-17C	1	5.5	TF04SW	50236	34478	4
189	24	13	E	CERAMIC	JAR(RIM)	STCOAR	17-18C	1	9.3	TF04SW	50236	34478	4
190	24	14	B	CERAMIC	POT(BODY)	ST	11-12C	1	2.6	TF04SW	50236	34478	4
191	24	15	E	CERAMIC	JAR(BODY)	BL	17-18C	1	10.2	TF04SW	50236	34478	4
192	24	19	E	FLINT	WASTE	FLAKE	PH	1	4.2	TF04SW	50236	34478	4
193	25	5	C	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	10.9	TF04SW	50216	34478	4,5
194	25	5	E	CERAMIC	BOWL(RIM)	STCOAR	17-18C	1	27.4	TF04SW	50216	34478	4,5
195	25	6	C	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	9.5	TF04SW	50216	34478	4,5
196	25	9	C	FLINT	WASTE	FLAKE	PH	1	9.9	TF04SW	50216	34478	4,5
197	25	10	B	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	5.3	TF04SW	50216	34478	4,5
198	30	5	E	CERAMIC	TILE	PAN	Pmed	1	128.5	TF04NW	50120	34528	5
199	30	13	B	CERAMIC	TILE	PAN	19C +	1	108.4	TF04NW	50120	34528	5
200	30	23	B	CERAMIC	POT(BODY)	MP	15-16C	1	2.3	TF04NW	50120	34528	5
201	31	5	B	CERAMIC	TILE	PAN	Pmed?	1	29.6	TF04NW	50076	34539	5
202	31	6	C	CERAMIC	BOWL(BODY)	STSL	L17-18C	1	5.5	TF04NW	50076	34539	5
203	31	6	C	CERAMIC	TILE		Pmed	1	4.9	TF04NW	50076	34539	5
204	31	14	E	CERAMIC	POT(BODY)	BOU	15-16C	1	2.8	TF04NW	50076	34539	5
205	31	16	A	CERAMIC	TILE	PAN	Pmed	1	19.1	TF04NW	50076	34539	5
206	31	16	D	FLINT	WASTE	FLAKE	PH	1	1.8	TF04NW	50076	34539	5
207	31	19	B	CERAMIC	TILE		Pmed	1	72.0	TF04NW	50076	34539	5
208	31	26	B	CERAMIC	LAND DRAIN		Pmed	1	5.9	TF04NW	50076	34539	5
209	31	35	D	FLINT	TOOL	SCRAPER	PH	1	5.6	TF04NW	50076	34539	5
210	31	38	B	CERAMIC	TILE	PAN	Pmed	1	20.5	TF04NW	50076	34539	5
211	31	38	D	FLINT	WASTE	FLAKE	PH	1	12.8	TF04NW	50076	34539	5
212	31	40	B	FLINT	WASTE	CORE	PH	1	47.4	TF04NW	50076	34539	5
213	31	48	B	CERAMIC	JAR(BASE)	GREY	3C+	1	28.2	TF04NW	50076	34539	5
214	31	49	E	CERAMIC	TILE		Pmed	1	16.1	TF04NW	50076	34539	5
215	35	12	C	CERAMIC	LAND DRAIN		Pmed	1	11.6	SK94NE	49966	34552	6
216	35	36	C	FLINT	WASTE	CORE	PH	1	14.9	SK94NE	49966	34552	6
217	37	1	E	FLINT	TOOL	MISC RET	PH	1	6.0	SK94NE	49855	34566	7
218	37	4	D	CERAMIC	TILE		Pmed	1	86.1	SK94NE	49855	34566	7
219	37	10	C	FLINT	WASTE	CORE	PH	1	19.5	SK94NE	49855	34566	7
220	37	12	A	FLINT	WASTE	FLAKE	PH	1	1.9	SK94NE	49855	34566	7
221	37	13	B	CERAMIC	TILE	PAN	Pmed	1	49.2	SK94NE	49855	34566	7
223	37	14	A	FLINT	WASTE	FLAKE	PH	1	3.4	SK94NE	49855	34566	7
222	37	14	D	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	3.4	SK94NE	49855	34566	7
225	37	15	B	FLINT	WASTE	FLAKE	PH	1	0.7	SK94NE	49855	34566	7
224	37	15	D	METAL	SLAG			1	63.3	SK94NE	49855	34566	7
226	37	20	C	FLINT	WASTE	FLAKE	PH	1	3.9	SK94NE	49855	34566	7
227	37	20	E	FLINT	TOOL	SCRAPER	PH	1	9.5	SK94NE	49855	34566	7
228	37	22	B	CERAMIC	JB(BASE)	GREY	3-4C	1	25.1	SK94NE	49855	34566	7
229	37	22	E	CERAMIC	POT(BODY)	NAT	RO?	1	5.9	SK94NE	49855	34566	7
231	37	24	B	CERAMIC	POT(BODY)	GREY	2-3C	1	4.1	SK94NE	49855	34566	7



Find No	Field	Stint	Lane	Material	Identity	Type	Period	Count	Weight (g)	OS Tile	OS east	OS north	BG map
232	37	24	B	CERAMIC	TILE		Pmed	1	93.9	SK94NE	49855	34566	7
230	37	24	D	FLINT	WASTE	FLAKE	PH	1	10.5	SK94NE	49855	34566	7
233	37	27	D	FLINT	WASTE	FLAKE	PH	1	0.6	SK94NE	49855	34566	7
234	38	2	D	FLINT	WASTE	FLAKE	PH	1	12.3	SK94NE	49830	34570	7
235	38	5	E	FLINT	WASTE	FLAKE	PH	1	16.6	SK94NE	49830	34570	7
236	38	6	B	FLINT	TOOL	SCRAPER	PH	1	7.4	SK94NE	49830	34570	7
238	38	8	B	CERAMIC	BRICK		Pmed	1	37.8	SK94NE	49830	34570	7
237	38	8	C	FLINT	WASTE	FLAKE	PH	1	0.4	SK94NE	49830	34570	7
239	38	9	A	FLINT	TOOL	SCRAPER	PH	1	0.8	SK94NE	49830	34570	7
240	38	10	C	FLINT	WASTE	FLAKE	PH	1	3.6	SK94NE	49830	34570	7
242	38	11	C	CERAMIC	TILE		Pmed	1	4.5	SK94NE	49830	34570	7
241	38	11	D	CERAMIC	TILE		Pmed	1	76.3	SK94NE	49830	34570	7
246	38	15	A	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	5.0	SK94NE	49830	34570	7
243	38	15	B	CERAMIC	TILE	PAN	Pmed	1	66.0	SK94NE	49830	34570	7
244	38	15	B	CERAMIC	BOWL(BASE)	NOTS	L17-19C	1	5.5	SK94NE	49830	34570	7
245	38	15	B	CERAMIC	TILE		Pmed	1	54.8	SK94NE	49830	34570	7
247	38	16	D	CERAMIC	TILE		Pmed	1	21.7	SK94NE	49830	34570	7
248	38	17	D	CERAMIC	TILE		Pmed	1	30.1	SK94NE	49830	34570	7
250	38	20	C	CERAMIC	TILE		Pmed	1	15.8	SK94NE	49830	34570	7
251	38	20	C	CERAMIC	TILE		Pmed	1	26.0	SK94NE	49830	34570	7
249	38	20	D	CERAMIC	BRICK		Pmed	1	19.7	SK94NE	49830	34570	7
252	38	21	B	CERAMIC	BWM(RIM)	GREY	3-4C	1	25.0	SK94NE	49830	34570	7
253	38	21	B	FLINT	TOOL	SCRAPER	PH	1	8.2	SK94NE	49830	34570	7
254	38	23	B	CERAMIC	POT(BODY)	SLSH	1-3C	1	17.3	SK94NE	49830	34570	7
255	38	24	A	CERAMIC	TILE		Pmed	1	34.9	SK94NE	49830	34570	7
257	38	24	B	CERAMIC	CLSD(BODY)	GREY	2-3C	1	9.4	SK94NE	49830	34570	7
256	38	24	D	CERAMIC	BRICK		Pmed	1	34.0	SK94NE	49830	34570	7
259	38	24	D	CERAMIC	BOWL(BASE)	STCOAR	17-18C	1	37.1	SK94NE	49830	34570	7
258	38	24	E	CERAMIC	BFL(RIM)	NVGW	2-3C	1	5.7	SK94NE	49830	34570	7
260	38	25	C	CERAMIC	BRICK	CBM	Pmed	1	10.9	SK94NE	49830	34570	7
261	39	1	B	FLINT	WASTE	BLADE	PH	1	1.8	SK94NE	49800	34578	7
262	39	3	A	CERAMIC	TILE		Pmed	1	74.2	SK94NE	49800	34578	7
263	39	3	C	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	5.6	SK94NE	49800	34578	7
264	39	4	E	FLINT	WASTE	FLAKE	PH	1	0.7	SK94NE	49800	34578	7
265	39	5	A	CERAMIC	POT(BODY)	CBM		1	6.8	SK94NE	49800	34578	7
266	39	7	C	FLINT	WASTE	FLAKE	PH	1	1.4	SK94NE	49800	34578	7
268	39	9	B	CERAMIC	TILE		Pmed	1	36.9	SK94NE	49800	34578	7
267	39	9	D	CERAMIC	TILE		Pmed	1	8.9	SK94NE	49800	34578	7
269	39	9	E	METAL	SLAG			1	9.8	SK94NE	49800	34578	7
270	39	9	E	CERAMIC	POT(BODY)	NAT	IA-RO	1	5.3	SK94NE	49800	34578	7
271	39	11	E	CERAMIC	POT(BODY)	NAT	IA-RO	1	6.3	SK94NE	49800	34578	7
272	39	12	B	CERAMIC	TILE		Pmed	1	24.3	SK94NE	49800	34578	7
273	39	14	C	CERAMIC	FLP?(BODY)	BL	18-19C	1	11.0	SK94NE	49800	34578	7
274	39	16	E	FLINT	TOOL	SCRAPER	PH	1	10.4	SK94NE	49800	34578	7
275	39	18	D	FLINT	WASTE	FLAKE	PH	1	0.6	SK94NE	49800	34578	7
276	39	20	B	FLINT	TOOL	SERR FLAKE	PH	1	2.7	SK94NE	49800	34578	7
277	39	21	C	CERAMIC	TILE			1	4.0	SK94NE	49800	34578	7



Find No	Field	Stint	Lane	Material	Identity	Type	Period	Count	Weight (g)	OS Tile	OS east	OS north	BG map
278	39	24	E	CERAMIC	POT(BODY)	NAT	IA-RO	1	5.4	SK94NE	49800	34578	7
279	39	25	C	CERAMIC	TILE		Pmed	1	19.1	SK94NE	49800	34578	7
280	39	26	C	FLINT	TOOL	SCRAPER	PH	1	5.2	SK94NE	49800	34578	7
282	45	1	B	CERAMIC	JFT(RIM)	GREY	3-4C	1	19.1	SK94NE	49620	34643	8
281	45	1	E	CERAMIC	TILE		Pmed	1	6.0	SK94NE	49620	34643	8
283	45	2	B	METAL	SLAG			1	22.3	SK94NE	49620	34643	8
284	45	3	D	CERAMIC	TILE		Pmed	1	9.9	SK94NE	49620	34643	8
286	45	4	B	CERAMIC	TILE	PAN	Pmed	1	46.3	SK94NE	49620	34643	8
285	45	4	C	FLINT	TOOL	SCRAPER	PH	1	1.7	SK94NE	49620	34643	8
288	45	6	B	CERAMIC	POT(BODY)	REFR	M18C	1	2.5	SK94NE	49620	34643	8
287	45	6	D	FLINT	TOOL	POINT	PH	1	5.0	SK94NE	49620	34643	8
290	45	8	A	CERAMIC	TILE		Pmed	1	157.1	SK94NE	49620	34643	8
292	45	8	B	METAL	SLAG			1	14.8	SK94NE	49620	34643	8
289	45	8	C	CERAMIC	TILE		Med?	1	12.7	SK94NE	49620	34643	8
291	45	8	C	CERAMIC	TILE		Pmed	1	30.4	SK94NE	49620	34643	8
294	45	9	B	CERAMIC	POT(BODY)	GREY	2-3C	1	2.1	SK94NE	49620	34643	8
293	45	9	C	CERAMIC	TILE	PAN	Pmed	1	48.4	SK94NE	49620	34643	8
295	45	9	E	CERAMIC	POT(BODY)			1	3.5	SK94NE	49620	34643	8
300	45	10	A	CERAMIC	TILE		Pmed	1	31.5	SK94NE	49620	34643	8
302	45	10	A	CERAMIC	TILE		Pmed	1	51.4	SK94NE	49620	34643	8
297	45	10	A	CERAMIC	TILE		Pmed	1	4.9	SK94NE	49620	34643	8
303	45	10	B	CERAMIC	TILE		Pmed	1	3.3	SK94NE	49620	34643	8
298	45	10	B	CERAMIC	TILE		Pmed	1	18.6	SK94NE	49620	34643	8
299	45	10	B	CERAMIC	POT(BASE)	GREY	2-4C	1	7.5	SK94NE	49620	34643	8
301	45	10	C	FLINT	WASTE	FLAKE	PH	1	0.8	SK94NE	49620	34643	8
296	45	10	C	CERAMIC	BFL(RIM)	SHEL	2-E3C	1	4.6	SK94NE	49620	34643	8
304	45	11	B	CERAMIC	MHOF?(RIM)	MORT	2C	1	13.7	SK94NE	49620	34643	8
306	45	11	D	CERAMIC	POT(BODY)	NOTS	L17-19C	1	3.3	SK94NE	49620	34643	8
305	45	11	E	CERAMIC	POT(BODY)	VESIC	IA-RO	1	4.2	SK94NE	49620	34643	8
309	45	12	C	CERAMIC	TILE		Pmed	1	69.7	SK94NE	49620	34643	8
307	45	12	C	CERAMIC	TILE		Pmed	1	7.5	SK94NE	49620	34643	8
308	45	12	E	CERAMIC	POT(BODY)	GREY	2-3C	1	4.6	SK94NE	49620	34643	8
310	45	13	D	FLINT	WASTE	FLAKE	PH	1	2.0	SK94NE	49620	34643	8
311	45	15	A	CERAMIC	TILE		Pmed	1	16.9	SK94NE	49620	34643	8
312	45	15	C	CERAMIC	TILE		Pmed	1	5.2	SK94NE	49620	34643	8
313	45	16	B	CERAMIC	TILE		Pmed	1	21.1	SK94NE	49620	34643	8
315	45	16	C	CERAMIC	POT(BODY)	BL	17-18C	1	2.6	SK94NE	49620	34643	8
314	45	16	E	CERAMIC	POT(BODY)	GREY	2-3C	1	6.1	SK94NE	49620	34643	8
316	45	18	B	FLINT	WASTE	CORE	PH	1	23.3	SK94NE	49620	34643	8
317	45	19	A	CERAMIC	TILE		Pmed	1	3.5	SK94NE	49620	34643	8
318	45	19	A	CERAMIC	TILE		Pmed	1	1.5	SK94NE	49620	34643	8
319	45	19	C	METAL (Fe)	FRAG.			1	19.2	SK94NE	49620	34643	8
322	45	21	A	CERAMIC	BOWL(BODY)	BL	17-18C	1	25.4	SK94NE	49620	34643	8
323	45	22	A	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	6.4	SK94NE	49620	34643	8
324	45	22	B	CERAMIC	TILE		Pmed	1	9.0	SK94NE	49620	34643	8
325	45	26	C	CERAMIC	TILE			1	3.7	SK94NE	49620	34643	8
327	45	27	B	CERAMIC	BRICK		Med?	1	27.7	SK94NE	49620	34643	8



Find No	Field	Stint	Lane	Material	Identity	Type	Period	Count	Weight (g)	OS Tile	OS east	OS north	BG map
326	45	27	E	CERAMIC	POT(BODY)	GREY	RO	1	9.4	SK94NE	49620	34643	8
328	45	28	B	CERAMIC	POT(BASE)	GREY	2-3C	1	4.2	SK94NE	49620	34643	8
329	45	28	B	CERAMIC	JAR(BODY)	BL	17-18C	1	10.2	SK94NE	49620	34643	8
330	45	28	C	FLINT	WASTE	FLAKE	PH	1	2.7	SK94NE	49620	34643	8
331	45	30	B	CERAMIC	POT(BODY)	NVGW	2-3C	1	9.5	SK94NE	49620	34643	8
332	45	30	B	CERAMIC	TILE		Pmed	1	44.5	SK94NE	49620	34643	8
334	45	33	B	CERAMIC	JCUR(RIM)	GREY	2-3C	1	4.8	SK94NE	49620	34643	8
333	45	33	D	CERAMIC	POT(BODY)	MEDLOC	13-15C	1	4.8	SK94NE	49620	34643	8
335	45	34	D	CERAMIC	POT(RIM)	SHEL	IA-RO	1	9.0	SK94NE	49620	34643	8
336	45	34	D	FLINT	WASTE	FLAKE	PH	1	3.4	SK94NE	49620	34643	8
337	45	35	A	FLINT	WASTE	FLAKE	PH	1	4.2	SK94NE	49620	34643	8
339	45	38	A	CERAMIC	TILE		Pmed	1	64.5	SK94NE	49620	34643	8
338	45	38	C	CERAMIC	JAR(BODY)	BL	17-18C	1	12.5	SK94NE	49620	34643	8
340	45	40	C	FLINT	WASTE	BLADE	PH	1	2.6	SK94NE	49620	34643	8
341	45	40	D	CERAMIC	BFB(RIM)	GREY	4C	1	23.4	SK94NE	49620	34643	8
342	45	41	B	CERAMIC	POT(BODY)	PRE-MP	14-15C	1	17.6	SK94NE	49620	34643	8
343	45	43	C	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	17.5	SK94NE	49620	34643	8
344	45	43	E	CERAMIC	POT(BODY)	GREY	RO	1	3.8	SK94NE	49620	34643	8
345	45	44	A	CERAMIC	JAR(BODY)	STCOAR	17-18C	1	6.9	SK94NE	49620	34643	8
347	45	44	C	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	10.7	SK94NE	49620	34643	8
346	45	44	D	CERAMIC	TILE		Pmed	1	50.1	SK94NE	49620	34643	8
351	45	46	A	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	16.2	SK94NE	49620	34643	8
352	45	46	A	CERAMIC	TILE		M-Pmed	1	49.5	SK94NE	49620	34643	8
349	45	46	B	FLINT	WASTE	FLAKE	PH	1	3.3	SK94NE	49620	34643	8
348	45	46	C	FLINT	TOOL	SCRAPER	PH	1	7.1	SK94NE	49620	34643	8
350	45	46	E	CERAMIC	POT(BODY)	GREY	RO	1	2.5	SK94NE	49620	34643	8
353	45	47	C	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	9.6	SK94NE	49620	34643	8
356	45	47	C	CERAMIC	BRICK		Pmed	1	18.7	SK94NE	49620	34643	8
354	45	47	E	CERAMIC	TILE		Pmed	1	3.7	SK94NE	49620	34643	8
355	45	47	E	CERAMIC	POT(BODY)	GREY	RO	1	8.7	SK94NE	49620	34643	8
357	45	49	A	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	3.2	SK94NE	49620	34643	8
361	45	50	A	CERAMIC	TILE		Pmed	1	3.9	SK94NE	49620	34643	8
358	45	51	C	CERAMIC	POT(BODY)	NAT	IA-RO	1	4.1	SK94NE	49620	34643	8
359	45	51	C	CERAMIC	BOWL(BASE)	STCOAR	17-18C	1	16.4	SK94NE	49620	34643	8
360	45	51	C	CERAMIC	BOWL(BODY)	BL	17-18C	1	13.7	SK94NE	49620	34643	8
362	45	54	A	CERAMIC	TILE		Pmed	1	16.8	SK94NE	49620	34643	8
363	45	54	B	CERAMIC	POT(BODY)	CBM		1	6.4	SK94NE	49620	34643	8
366	45	54	B	FLINT	WASTE	FLAKE	PH	1	4.0	SK94NE	49620	34643	8
364	45	54	C	CERAMIC	POT(BODY)	GREY	2-3C	1	9.2	SK94NE	49620	34643	8
365	45	54	D	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	13.5	SK94NE	49620	34643	8
367	45	55	B	CERAMIC	BWM(BODY)	GREY	3-4C	1	10.0	SK94NE	49620	34643	8
368	45	55	C	CERAMIC	POT(BODY)	GREY	RO	1	1.9	SK94NE	49620	34643	8
369	45	57	C	FLINT	WASTE	FLAKE	PH	1	3.2	SK94NE	49620	34643	8
370	45	58	B	FLINT	WASTE	FLAKE	PH	1	1.4	SK94NE	49620	34643	8
371	45	58	D	CERAMIC	BOWL(RIM)	STCOAR	17-18C	1	25.5	SK94NE	49620	34643	8
372	45	59	A	CERAMIC	BOWL(BASE)	STCOAR	17-18C	1	44.6	SK94NE	49620	34643	8
373	45	60	C	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	8.9	SK94NE	49620	34643	8



Find No	Field	Stint	Lane	Material	Identity	Type	Period	Count	Weight (g)	OS Tile	OS east	OS north	BG map
374	45	61	D	CERAMIC	BOWL(RIM)	STCOAR	17-18C	1	52.5	SK94NE	49620	34643	8
375	45	62	C	CERAMIC	TANKARD(BASE)	STCOAR	17-18C	1	19.0	SK94NE	49620	34643	8
376	45	63	A	CERAMIC	TILE		Pmed	1	43.0	SK94NE	49620	34643	8
377	45	64	B	FLINT	WASTE	FLAKE	PH	1	4.9	SK94NE	49620	34643	8
379	45	64	B	CERAMIC	TILE		Pmed	1	105.1	SK94NE	49620	34643	8
378	45	64	D	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	32.1	SK94NE	49620	34643	8
380	45	65	A	CERAMIC	POT(BODY)	GREY	2-3C	1	5.0	SK94NE	49620	34643	8
381	45	65	C	CERAMIC	BOWL(BASE)	STCOAR	17-18C	1	13.9	SK94NE	49620	34643	8
384	45	66	A	CERAMIC	POT(BODY)	GREY	3-4C	1	36.0	SK94NE	49620	34643	8
382	45	66	B	CERAMIC	TILE		Pmed	1	9.1	SK94NE	49620	34643	8
383	45	66	B	CERAMIC	POT(BODY)	GREY	3-4C	1	15.6	SK94NE	49620	34643	8
387	45	68	A	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	20.1	SK94NE	49620	34643	8
390	45	68	B	CERAMIC	TILE		M-Pmed	1	38.7	SK94NE	49620	34643	8
389	45	68	B	CERAMIC	JB(RIM)	NAT	IA-RO	1	3.3	SK94NE	49620	34643	8
391	45	68	B	FLINT	WASTE	FLAKE	PH	1	1.6	SK94NE	49620	34643	8
385	45	68	B	CERAMIC	POT(BODY)	GREY	RO	1	3.1	SK94NE	49620	34643	8
388	45	68	D	FLINT	WASTE	FLAKE	PH	1	5.4	SK94NE	49620	34643	8
386	45	68	D	FLINT	WASTE	FLAKE	PH	1	3.8	SK94NE	49620	34643	8
393	45	69	C	FLINT	WASTE	FLAKE	PH	1	3.0	SK94NE	49620	34643	8
392	45	69	D	CERAMIC	BOWL(RIM)	STCOAR	17-18C	1	14.0	SK94NE	49620	34643	8
394	45	73	C	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	12.1	SK94NE	49620	34643	8
395	45	76	C	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	8.8	SK94NE	49620	34643	8
396	45	77	C	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	11.3	SK94NE	49620	34643	8
397	45	80	A	CERAMIC	POT(BODY)	NAT	IA-RO	1	8.3	SK94NE	49620	34643	8
398	49	12	A	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	14.4	SK94NE	49520	34692	9
399	49	12	D	CERAMIC	POT(BODY)	NOTG	13-14C	1	3.4	SK94NE	49520	34692	9
400	49	13	B	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	25.6	SK94NE	49520	34692	9
404	49	14	A	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	15.9	SK94NE	49520	34692	9
402	49	14	B	FLINT	TOOL	SCRAPER	PH	1	1.7	SK94NE	49520	34692	9
403	49	14	B	CERAMIC	TILE	PAN	Pmed	1	11.4	SK94NE	49520	34692	9
401	49	14	D	FLINT	WASTE	BLADE	PH	1	5.2	SK94NE	49520	34692	9
405	49	15	B	CERAMIC	DISH(BODY)	STCOAR	17-18C	1	9.3	SK94NE	49520	34692	9
406	49	17	A	CERAMIC	POT(BODY)	PMED		1	2.3	SK94NE	49520	34692	9
407	49	17	A	CERAMIC	CUP(BODY)	STRE	L17-18C	1	4.9	SK94NE	49520	34692	9
408	49	18	A	CERAMIC	JAR(BODY)	BL	17-18C	1	9.6	SK94NE	49520	34692	9
409	49	18	C	CERAMIC	POT(BODY)	AGATE	M18C	1	0.8	SK94NE	49520	34692	9
412	49	19	A	CERAMIC	JUG(BODY)	CSTN	16-17C	1	27.0	SK94NE	49520	34692	9
411	49	19	B	CERAMIC	DISH(BODY)	STCOAR	17-18C	1	5.0	SK94NE	49520	34692	9
410	49	19	C	CERAMIC	TANKARD(BDY)	STSL	L17-18C	1	7.8	SK94NE	49520	34692	9
413	49	20	C	CERAMIC	DISH(RIM)	STCOAR	17-18C	1	35.9	SK94NE	49520	34692	9
414	49	20	C	CERAMIC	JAR(BODY)	STCOAR	17-18C	1	23.7	SK94NE	49520	34692	9
415	49	21	C	CERAMIC	BRICK		RO+	1	4.8	SK94NE	49520	34692	9
416	49	22	C	CERAMIC	BOTTLE(BODY)	FREC	16-17C	1	9.0	SK94NE	49520	34692	9
417	49	22	D	CERAMIC	CUP(HANDLE)	CSTN	16-17C	1	6.6	SK94NE	49520	34692	9
418	49	23	C	CERAMIC	BOWL(BODY)	BL	17-18C	1	5.7	SK94NE	49520	34692	9
419	49	24	B	CERAMIC	TILE		RO+	1	74.1	SK94NE	49520	34692	9
420	49	24	D	FLINT	WASTE	FLAKE	PH	1	6.2	SK94NE	49520	34692	9



Find No	Field	Stint	Lane	Material	Identity	Type	Period	Count	Weight (g)	OS Tile	OS east	OS north	BG map
421	49	26	B	CERAMIC	POT(BODY)	MEDLOC	13-15C	1	4.9	SK94NE	49520	34692	9
422	49	27	B	CERAMIC	TANKARD(BASE)	NOTS	L17-19C	1	21.7	SK94NE	49520	34692	9
423	49	28	C	CERAMIC	BOWL(BASE)	STCOAR	17-18C	1	31.0	SK94NE	49520	34692	9
424	49	28	D	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	39.2	SK94NE	49520	34692	9
425	49	33	E	FLINT	WASTE	FLAKE	PH	1	3.9	SK94NE	49520	34692	9
426	49	35	B	FLINT	WASTE	FLAKE	PH	1	1.4	SK94NE	49520	34692	9
427	49	37	D	CERAMIC	CUP(BODY)	CSTN	16-17C	1	3.8	SK94NE	49520	34692	9
429	49	39	C	GLASS	BEAD			1	5.1	SK94NE	49520	34692	9
428	49	39	D	CERAMIC	POT(RIM)	NOTG	13-14C	1	12.8	SK94NE	49520	34692	9
430	49	40	B	CERAMIC	TILE		RO+	1	13.6	SK94NE	49520	34692	9
431	51	2	C	FLINT	WASTE	FLAKE	PH	1	0.8	SK94NW	49496	34694	9
432	51	2	E	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	9.8	SK94NW	49496	34694	9
433	51	3	C	FLINT	TOOL	SCRAPER	PH	1	3.7	SK94NW	49496	34694	9
434	51	4	D	FLINT	TOOL	SCRAPER	PH	1	3.4	SK94NW	49496	34694	9
435	51	6	C	FLINT	WASTE	CORE	PH	1	15.4	SK94NW	49496	34694	9
436	51	11	C	CERAMIC	POT(BODY)	GREY	2-4C	1	1.6	SK94NW	49496	34694	9
437	51	12	C	FLINT	WASTE	FLAKE	PH	1	1.7	SK94NW	49496	34694	9
438	51	15	B	FLINT	WASTE	FLAKE	PH	1	6.2	SK94NW	49496	34694	9
439	51	20	A	CERAMIC	POT(BODY)	CMW	13-14C	1	11.3	SK94NW	49496	34694	9
501	52	1	A	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	4.8	SK94NW	49464	34693	9
502	52	5	B	FLINT	WASTE	FLAKE	PH	1	0.6	SK94NW	49464	34693	9
503	52	5	D	CERAMIC	CLOSED(BODY)	NOTS	L17-19C	1	3.0	SK94NW	49464	34693	9
504	52	9	A	CERAMIC	DISH(BODY)	STRE	L17-18C	1	14.0	SK94NW	49464	34693	9
505	52	14	E	FLINT	WASTE	FLAKE	PH	1	1.4	SK94NW	49464	34693	9
506	52	15	B	FLINT	TOOL	SCRAPER	PH	1	3.6	SK94NW	49464	34693	9
507	52	15	C	CERAMIC	TANKARD(BDY)	STRE	L17-18C	1	3.1	SK94NW	49464	34693	9
440	54	2	C	CERAMIC	B31?(BASE)	OXRC	3-4C	1	28.3	SK94NW	49415	34676	9
441	54	3	A	CERAMIC	TILE		Pmed	1	19.1	SK94NW	49415	34676	9
985	54	5	C	FLINT	TOOL	ARROWHEAD	PH	1	2.7	SK94NW	49415	34676	9
443	54	5	C	CERAMIC	TILE	PAN	Pmed	1	43.3	SK94NW	49415	34676	9
442	54	5	C	CERAMIC	TILE		M-Pmed	1	54.1	SK94NW	49415	34676	9
444	54	6	E	CERAMIC	POT(BODY)	MEDX	13-15C	1	8.5	SK94NW	49415	34676	9
446	54	7	A	CERAMIC	LAND DRAIN		Pmed	1	43.5	SK94NW	49415	34676	9
445	54	7	B	CERAMIC	POT(BODY)			1	20.0	SK94NW	49415	34676	9
448	54	8	E	FLINT	WASTE	FLAKE	PH	1	5.0	SK94NW	49415	34676	9
447	54	8	E	FLINT	WASTE	FLAKE	PH	1	2.4	SK94NW	49415	34676	9
453	54	10	A	CERAMIC	CLSD(BODY)	GREY	2-3C	1	4.8	SK94NW	49415	34676	9
452	54	10	A	CERAMIC	POT (SHOULDER)			1	20.1	SK94NW	49415	34676	9
450	54	10	C	CERAMIC	CLSD(BODY)	GREY	2-4C	1	9.2	SK94NW	49415	34676	9
449	54	10	C	CERAMIC	BEAKER(BODY)	NVCC	3C+	1	3.6	SK94NW	49415	34676	9
451	54	10	E	FLINT	WASTE	FLAKE	PH	1	3.8	SK94NW	49415	34676	9
454	54	17	C	CERAMIC	POT(BODY)	GROG	RO?	1	6.8	SK94NW	49415	34676	9
455	54	23	C	FLINT	WASTE	BLADE	PH	1	2.8	SK94NW	49415	34676	9
458	54	23	D	FLINT	WASTE	FLAKE	PH	1	6.3	SK94NW	49415	34676	9
457	54	23	D	CERAMIC	POT(BODY)	GREY	2-4C	1	3.4	SK94NW	49415	34676	9
456	54	23	D	CERAMIC	POT(BODY)	BOU	15-16C	1	27.8	SK94NW	49415	34676	9



Find No	Field	Stint	Lane	Material	Identity	Type	Period	Count	Weight (g)	OS Tile	OS east	OS north	BG map
459	54	24	B	CERAMIC	POT(BODY)	GROG	1-3C	1	9.6	SK94NW	49415	34676	9
460	54	24	D	CERAMIC	POT(BODY)	NOTG	13-14C	1	6.2	SK94NW	49415	34676	9
461	54	24	E	CERAMIC	CLSD(BODY)	GREY	2-3C	1	5.0	SK94NW	49415	34676	9
463	54	25	A	FLINT	WASTE	FLAKE	PH	1	6.3	SK94NW	49415	34676	9
462	54	25	A	FLINT	WASTE	FLAKE	PH	1	7.8	SK94NW	49415	34676	9
464	54	25	B	CERAMIC	POT(BODY)	GROG	1-3C	1	14.5	SK94NW	49415	34676	9
465	54	26	C	FLINT	WASTE	BLADE	PH	1	6.3	SK94NW	49415	34676	9
466	54	27	E	FLINT	WASTE	FLAKE	PH	1	0.6	SK94NW	49415	34676	9
467	54	29	E	CERAMIC	POT(BASE)	MEDLOC	13-15C	1	18.8	SK94NW	49415	34676	9
473	54	30	B	FLINT	WASTE	FLAKE	PH	1	1.0	SK94NW	49415	34676	9
470	54	30	B	FLINT	WASTE	FLAKE	PH	1	0.1	SK94NW	49415	34676	9
472	54	31	E	FLINT	WASTE	FLAKE	PH	1	3.5	SK94NW	49415	34676	9
469	54	32	D	CERAMIC	POT(BASE)	BOU	15-16C	1	10.5	SK94NW	49415	34676	9
474	54	33	B	FLINT	WASTE	FLAKE	PH	1	1.1	SK94NW	49415	34676	9
468	54	36	C	FLINT	WASTE	FLAKE	PH	1	3.6	SK94NW	49415	34676	9
475	54	38	C	FLINT	WASTE	FLAKE	PH	1	4.9	SK94NW	49415	34676	9
471	54	38	D	CERAMIC	POT(BODY)	BOU	15-16C	1	1.0	SK94NW	49415	34676	9
476	54	40	A	CERAMIC	JAR(BODY)	STCOAR	17-18C	1	29.9	SK94NW	49415	34676	9
477	54	43	B	FLINT	WASTE	FLAKE	PH	1	2.1	SK94NW	49415	34676	9
478	54	43	B	FLINT	WASTE	FLAKE	PH	1	1.1	SK94NW	49415	34676	9
479	54	44	D	FLINT	WASTE	FLAKE	PH	1	3.0	SK94NW	49415	34676	9
480	54	48	C	FLINT	TOOL	UTIL FLAKE	PH	1	4.0	SK94NW	49415	34676	9
481	55	3	E	CERAMIC	CLSD(BODY)	GREY	2-3C	1	7.6	SK94NW	49370	34671	9
482	55	4	C	FLINT	WASTE	FLAKE	PH	1	0.8	SK94NW	49370	34671	9
483	55	10	E	FLINT	WASTE	FLAKE	PH	1	1.4	SK94NW	49370	34671	9
484	55	13	C	CERAMIC	BOWL(BODY)	BL	17-18C	1	6.4	SK94NW	49370	34671	9
485	55	14	E	CERAMIC	LAND DRAIN		Pmed	1	17.8	SK94NW	49370	34671	9
486	55	15	A	FLINT	WASTE	FLAKE	PH	1	0.6	SK94NW	49370	34671	9
487	55	19	D	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	35.6	SK94NW	49370	34671	9
488	55	20	B	FLINT	TOOL	SCRAPER	PH	1	8.9	SK94NW	49370	34671	9
489	55	23	E	CERAMIC	TILE		Pmed	1	10.3	SK94NW	49370	34671	9
490	55	25	B	CERAMIC	POT(BODY)	BOU	15-16C	1	6.5	SK94NW	49370	34671	9
491	55	33	D	CERAMIC	JAR(BODY)	STCOAR	17-18C	1	3.3	SK94NW	49370	34671	9
492	55	34	E	FLINT	WASTE	FLAKE	PH	1	3.5	SK94NW	49370	34671	9
493	55	46	A	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	10.3	SK94NW	49370	34671	9
494	56	2	E	FLINT	WASTE	CORE	PH	1	8.1	SK94NW	49336	34683	10
495	56	3	D	CERAMIC	POT(BODY)	MEDLOC	13-15C	1	9.7	SK94NW	49336	34683	10
497	56	5	A	CERAMIC	POT(BODY)	BOU	15-16C	1	2.0	SK94NW	49336	34683	10
496	56	5	B	CERAMIC	POT(BODY)	BOU	15-16C	1	10.1	SK94NW	49336	34683	10
498	56	6	B	FLINT	WASTE	FLAKE	PH	1	9.2	SK94NW	49336	34683	10
499	56	23	E	CERAMIC	JAR(BODY)	MP	15-16C	1	5.4	SK94NW	49336	34683	10
500	56	25	B	FLINT	WASTE	BLADE	PH	1	0.9	SK94NW	49336	34683	10
509	59	1	C	CERAMIC	BOWL(BODY)	STRE	L17-18C	1	5.1	SK94NW	49282	34703	10
510	59	1	C	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	7.1	SK94NW	49282	34703	10
508	59	1	C	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	10.1	SK94NW	49282	34703	10
511	59	2	B	CERAMIC	BRICK		Pmed	1	9.9	SK94NW	49282	34703	10
512	59	2	B	CERAMIC	BRICK		M-Pmed	1	10.9	SK94NW	49282	34703	10



Find No	Field	Stint	Lane	Material	Identity	Type	Period	Count	Weight (g)	OS Tile	OS east	OS north	BG map
513	59	2	B	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	13.6	SK94NW	49282	34703	10
514	59	2	C	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	16.7	SK94NW	49282	34703	10
515	59	2	C	CERAMIC	BOWL(RIM)	STCOAR	17-18C	1	3.9	SK94NW	49282	34703	10
518	59	3	A	CERAMIC	POT(BODY)	MEDLOC	13-15C	1	15.0	SK94NW	49282	34703	10
516	59	3	B	CERAMIC	CLSD(BODY)	GREY	2-4C	1	5.7	SK94NW	49282	34703	10
517	59	3	B	CERAMIC	TILE		Pmed	1	15.0	SK94NW	49282	34703	10
519	59	6	A	FLINT	WASTE	FLAKE	PH	1	1.9	SK94NW	49282	34703	10
520	59	7	E	CERAMIC	TILE		Pmed	1	11.9	SK94NW	49282	34703	10
521	59	12	B	CERAMIC	POT(BODY)	OX	RO	1	3.0	SK94NW	49282	34703	10
522	59	19	B	FLINT	WASTE	FLAKE	PH	1	1.3	SK94NW	49282	34703	10
524	59	25	A	CERAMIC	TILE		Pmed	1	80.6	SK94NW	49282	34703	10
523	59	25	B	CERAMIC	POT(BODY)	NAT	IA-RO	1	14.5	SK94NW	49282	34703	10
525	60	1	E	CERAMIC	BOWL(BODY)	MP	15-16C	1	20.9	SK94NW	49250	34713	10
526	60	10	C	CERAMIC	JAR(BODY)	MP	15-16C	1	8.9	SK94NW	49250	34713	10
527	60	12	B	CERAMIC	POT(BODY)	MEDLOC	13-15C	1	10.5	SK94NW	49250	34713	10
528	60	16	D	CERAMIC	POT(BODY)	BOU	15-16C	1	3.2	SK94NW	49250	34713	10
529	60	20	B	CERAMIC	POT(BODY)	MEDX	13-15C	1	3.2	SK94NW	49250	34713	10
530	60	20	C	CERAMIC	CUP(RIM)	CSTN	16-17C	1	8.8	SK94NW	49250	34713	10
531	60	26	B	CERAMIC	POT(BODY)	MEDLOC	13-15C	1	4.0	SK94NW	49250	34713	10
532	61	3	D	CERAMIC	POT(BODY)	MP	15-16C	1	15.2	SK94NW	49220	34726	10
533	61	21	D	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	29.4	SK94NW	49220	34726	10
534	61	24	B	CERAMIC	BRICK		M-Pmed	1	50.1	SK94NW	49220	34726	10
535	61	30	E	CERAMIC	POT(BODY)	MEDLOC	13-15C	1	4.8	SK94NW	49220	34726	10
536	62	15	B	CERAMIC	POT(BODY)	NOTG	13-15C	1	4.7	SK94NW	49195	34734	10
537	62	21	E	CERAMIC	TILE		19C+	1	28.7	SK94NW	49195	34734	10
538	63	1	B	CERAMIC	TILE		Pmed	1	56.9	SK94NW	49174	34734	10
539	63	3	E	CERAMIC	POT(BODY)	NOTG	13-15C	1	4.6	SK94NW	49174	34734	10
540	63	11	B	CERAMIC	TILE		RO+	1	8.0	SK94NW	49174	34734	10
541	63	12	E	CERAMIC	POT(BODY)	TOY	13-14C	1	4.5	SK94NW	49174	34734	10
542	64	2	E	CERAMIC	TILE		RO+	1	24.4	SK94NW	49155	34734	11
543	64	8	A	CERAMIC	TILE	PAN	19C+	1	73.4	SK94NW	49155	34734	11
544	64	12	E	CERAMIC	TILE		Pmed	1	1.9	SK94NW	49155	34734	11
545	65	1	C	CERAMIC	TILE		Pmed	1	35.1	SK94NW	49130	34730	11
546	65	1	C	CERAMIC	TILE		M-Pmed	1	14.0	SK94NW	49130	34730	11
547	65	2	B	CERAMIC	BRICK		Pmed	1	23.2	SK94NW	49130	34730	11
548	65	2	B	CERAMIC	BRICK		Pmed	1	23.0	SK94NW	49130	34730	11
550	65	14	D	CERAMIC	BOWL(BODY)	BL	17-18C	1	7.9	SK94NW	49130	34730	11
549	65	14	E	CERAMIC	POT(BODY)	MP	15-16C	1	3.1	SK94NW	49130	34730	11
551	65	20	C	CERAMIC	TILE		Pmed	1	120.1	SK94NW	49130	34730	11
552	65	27	E	CERAMIC	JAR(BODY)	DERBS	19C	1	6.9	SK94NW	49130	34730	11
553	66	15	B	CERAMIC	TILE		Pmed	1	34.9	SK94NW	49100	34719	11
554	66	17	E	CERAMIC	TILE		RO+	1	5.0	SK94NW	49100	34719	11
555	66	17	E	CERAMIC	TILE		Pmed	1	28.1	SK94NW	49100	34719	11
556	66	19	A	CERAMIC	TILE	PAN	19C+	1	46.7	SK94NW	49100	34719	11
557	67	1	B	CERAMIC	TILE		Pmed	1	15.8	SK94NW	49067	34707	11
558	67	3	E	CERAMIC	LAND DRAIN		19C+	1	69.2	SK94NW	49067	34707	11
559	67	14	C	CERAMIC	TILE		M-Pmed	1	28.8	SK94NW	49067	34707	11



Find No	Field	Stint	Lane	Material	Identity	Type	Period	Count	Weight (g)	OS Tile	OS east	OS north	BG map
560	67	16	E	CERAMIC	TILE		Pmed	1	39.1	SK94NW	49067	34707	11
561	68	10	C	CERAMIC	TILE			1	57.2	SK94NW	49030	34699	11
562	68	19	B	CERAMIC	TILE			1	18.5	SK94NW	49030	34699	11
563	68	19	B	CERAMIC	TILE			1	25.2	SK94NW	49030	34699	11
564	68	21	D	CERAMIC	TILE			1	98.2	SK94NW	49030	34699	11
565	68	23	B	CERAMIC	TILE			1	54.6	SK94NW	49030	34699	11
566	68	27	E	CERAMIC	TILE			1	28.3	SK94NW	49030	34699	11
567	68	29	E	CERAMIC	TILE			1	53.6	SK94NW	49030	34699	11
568	68	30	B	CERAMIC	BRICK			1	36.2	SK94NW	49030	34699	11
569	68	32	B	CERAMIC	TILE			1	19.7	SK94NW	49030	34699	11
570	68	33	D	CERAMIC	TILE			1	40.3	SK94NW	49030	34699	11
571	68	37	D	CERAMIC	TILE		M-Pmed	1	5.7	SK94NW	49030	34699	11
572	68	41	D	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	2.7	SK94NW	49030	34699	11
573	68	44	C	FLINT	TOOL	UTIL FLAKE	PH	1	12.9	SK94NW	49030	34699	11
574	68	45	E	CERAMIC	POT(BODY)	CBM	M-Pmed	1	4.9	SK94NW	49030	34699	11
575	68	46	B	FLINT	WASTE	CORE	PH	1	49.3	SK94NW	49030	34699	11
576	68	47	B	CERAMIC	TILE		M-Pmed	1	2.2	SK94NW	49030	34699	11
577	68	53	E	CERAMIC	TILE		M-Pmed	1	24.0	SK94NW	49030	34699	11
578	68	54	B	CERAMIC	TILE		M-Pmed	1	36.6	SK94NW	49030	34699	11
579	68	59	A	CERAMIC	CUP(BASE)	CSTN	16-17C	1	26.0	SK94NW	49030	34699	11
580	68	64	E	CERAMIC	TILE		Pmed	1	4.8	SK94NW	49030	34699	11
581	68	68	A	CERAMIC	TILE		Pmed	1	32.0	SK94NW	49030	34699	11
582	69	7	E	CERAMIC	JAR(BODY)	MP	15-16C	1	12.3	SK84NE	48970	34696	12
583	69	9	D	CERAMIC	POT(BODY)	PRE-MP	14-15C	1	14.6	SK84NE	48970	34696	12
584	69	12	B	CERAMIC	TILE	PAN	Pmed	1	63.6	SK84NE	48970	34696	12
585	69	18	A	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	7.3	SK84NE	48970	34696	12
587	69	19	B	CERAMIC	TILE	PAN	19C	1	222.9	SK84NE	48970	34696	12
586	69	19	C	CERAMIC	TILE		Pmed	1	126.8	SK84NE	48970	34696	12
588	70	9	C	CERAMIC	TILE		M-Pmed	1	39.1	SK84NE	48935	34695	12
589	70	10	B	CERAMIC	BRICK		19C+	1	4.2	SK84NE	48935	34695	12
590	70	10	B	CERAMIC	TILE		Pmed	1	4.9	SK84NE	48935	34695	12
591	70	14	B	CERAMIC	TILE		Pmed	1	45.8	SK84NE	48935	34695	12
592	70	20	C	CERAMIC	JAR(BODY)	NOTS	L18-19C	1	7.3	SK84NE	48935	34695	12
593	70	21	B	CERAMIC	TILE		19C+	1	29.5	SK84NE	48935	34695	12
594	70	22	C	CERAMIC	TILE		Pmed	1	54.3	SK84NE	48935	34695	12
595	70	27	E	CERAMIC	TILE		Pmed	1	3.2	SK84NE	48935	34695	12
596	75	12	E	CERAMIC	LAND DRAIN		Pmed	1	11.0	SK84NE	48800	34696	12,13
597	75	13	B	CERAMIC	TILE		Pmed	1	42.4	SK84NE	48800	34696	12,13
598	75	30	E	CERAMIC	TILE		Pmed	1	9.6	SK84NE	48800	34696	12,13
599	75	32	E	CERAMIC	TILE	PAN	Pmed	1	60.8	SK84NE	48800	34696	12,13
600	75	35	D	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	25.2	SK84NE	48800	34696	12,13
601	75	36	D	CERAMIC	TILE		RO+	1	36.1	SK84NE	48800	34696	12,13
602	75	38	C	CERAMIC	BOWL(BODY)	BL	17-18C	1	16.2	SK84NE	48800	34696	12,13
603	75	40	E	CERAMIC	TILE		Pmed	1	48.6	SK84NE	48800	34696	12,13
604	75	41	B	CERAMIC	TILE		Pmed	1	4.6	SK84NE	48800	34696	12,13
605	76	3	E	CERAMIC	LAND DRAIN		Pmed	1	14.2	SK84NE	48745	34684	13
606	76	5	B	CERAMIC	LAND DRAIN		Pmed	1	40.6	SK84NE	48745	34684	13



Find No	Field	Stint	Lane	Material	Identity	Type	Period	Count	Weight (g)	OS Tile	OS east	OS north	BG map
608	76	19	A	CERAMIC	CLOSED(BODY)	NOTS	L17-19C	1	2.7	SK84NE	48745	34684	13
609	76	19	B	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	29.4	SK84NE	48745	34684	13
607	76	19	C	CERAMIC	TILE		M-Pmed	1	21.6	SK84NE	48745	34684	13
610	76	19	E	CERAMIC	BOWL(BASE)	STCOAR	17-18C	1	10.9	SK84NE	48745	34684	13
612	76	23	A	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	16.9	SK84NE	48745	34684	13
611	76	23	B	CERAMIC	BOWL	STCOAR	17-18C	1	7.0	SK84NE	48745	34684	13
613	76	26	E	CERAMIC	TILE		M-Pmed	1	16.4	SK84NE	48745	34684	13
614	76	28	D	CERAMIC	TILE		Pmed	1	14.0	SK84NE	48745	34684	13
615	76	31	A	CERAMIC	JAR(BODY)	STCOAR	17-18C	1	7.7	SK84NE	48745	34684	13
616	76	33	E	CERAMIC	JAR(BASE)	GREY	2-3C	1	22.6	SK84NE	48745	34684	13
617	76	37	D	CERAMIC	JAR(RIM)	STCOAR	17-18C	1	12.5	SK84NE	48745	34684	13
618	76	39	D	CERAMIC	POT(BODY)	STCOAR	17-18C	1	1.7	SK84NE	48745	34684	13
619	76	42	D	CERAMIC	BRICK		Pmed	1	15.3	SK84NE	48745	34684	13
620	76	50	D	CERAMIC	POT(BASE)	TB	15-17C	1	18.2	SK84NE	48745	34684	13
621	76	52	C	CERAMIC	JUG(BODY)	CSTN	16-17C	1	8.4	SK84NE	48745	34684	13
622	76	57	B	CERAMIC	POT(BODY)	MP	15-16C	1	87.9	SK84NE	48745	34684	13
623	76	64	D	CERAMIC	BRICK		Pmed	1	53.7	SK84NE	48745	34684	13
624	77	4	E	CERAMIC	JAR(BODY)	STCOAR	17-18C	1	16.7	SK84NE	48676	34689	13
625	77	5	E	CERAMIC	JAR(RIM)	MP	15-16C	1	22.9	SK84NE	48676	34689	13
626	77	14	B	CERAMIC	POT(BODY)	CBM		1	2.0	SK84NE	48676	34689	13
627	77	14	B	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	14.1	SK84NE	48676	34689	13
628	77	17	B	CERAMIC	BOWL(RIM)	MY	16-17C	1	16.8	SK84NE	48676	34689	13
629	77	41	B	CERAMIC	JAR(BODY)	STCOAR	17-18C	1	2.9	SK84NE	48676	34689	13
630	77	43	A	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	39.0	SK84NE	48676	34689	13
631	77	49	A	CERAMIC	POSS(BODY)	STSL	L17-18C	1	3.5	SK84NE	48676	34689	13
633	77	50	B	CERAMIC	TILE		M-Pmed	1	16.9	SK84NE	48676	34689	13
634	77	50	B	CERAMIC	JAR(BODY)	STCOAR	17-18C	1	5.5	SK84NE	48676	34689	13
632	77	50	E	CERAMIC	DRAIN?	MISC		1	5.2	SK84NE	48676	34689	13
635	77	51	B	CERAMIC	FLP	MISC		1	3.8	SK84NE	48676	34689	13
636	77	54	E	CERAMIC	POT(BODY)			1	8.2	SK84NE	48676	34689	13
637	84	1	B	CERAMIC	BOWL(BODY)	BL	17-18C	1	22.8	SK84NE	48512	34738	14
638	84	1	B	CERAMIC	POT(BODY)	MEDLOC	13-15C	1	9.3	SK84NE	48512	34738	14
639	84	1	E	CERAMIC	TILE		Pmed	1	9.8	SK84NE	48512	34738	14
640	84	1	E	CERAMIC	FLP	MISC		1	4.1	SK84NE	48512	34738	14
643	84	2	A	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	3.6	SK84NE	48512	34738	14
642	84	2	B	CERAMIC	POT(BODY)	NOTG	13-14C	1	2.6	SK84NE	48512	34738	14
641	84	2	C	CERAMIC	LAND DRAIN			1	13.2	SK84NE	48512	34738	14
644	84	3	A	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	8.1	SK84NE	48512	34738	14
645	84	3	C	CERAMIC	TILE		Pmed	1	4.9	SK84NE	48512	34738	14
646	84	4	B	CERAMIC	TILE		Pmed	1	14.1	SK84NE	48512	34738	14
647	84	4	B	CERAMIC	JAR(BODY)	MP	15-16C	1	8.2	SK84NE	48512	34738	14
649	84	5	B	CERAMIC	POT(BODY)	MEDX	13-15C	1	5.0	SK84NE	48512	34738	14
648	84	5	C	CERAMIC	JAR(RIM)	BL	17-18C	1	46.7	SK84NE	48512	34738	14
651	84	6	A	CERAMIC	CUP(BODY)	CSTN	16-17C	1	12.4	SK84NE	48512	34738	14
652	84	6	A	CERAMIC	BOWL(BODY)	BL	17-18C	1	3.0	SK84NE	48512	34738	14
650	84	6	E	CERAMIC	JUG(BODY)	CSTN	16-17C	1	5.4	SK84NE	48512	34738	14
653	84	6	E	CERAMIC	JAR(BODY)	BL	17-18C	1	6.5	SK84NE	48512	34738	14



Find No	Field	Stint	Lane	Material	Identity	Type	Period	Count	Weight (g)	OS Tile	OS east	OS north	BG map
654	84	6	E	CERAMIC	JAR(RIM)	BL	17-18C	1	25.5	SK84NE	48512	34738	14
655	84	7	B	CERAMIC	TILE		Pmed	1	12.1	SK84NE	48512	34738	14
657	84	8	A	CERAMIC	POT(BASE)	NOTS	L17-19C	1	5.9	SK84NE	48512	34738	14
656	84	8	A	GLASS	BOTTLE			1	7.6	SK84NE	48512	34738	14
658	84	8	B	CERAMIC	BOWL(BODY)	BL	17-18C	1	16.3	SK84NE	48512	34738	14
660	84	9	A	CERAMIC	JAR(BODY)	MP	15-16C	1	3.1	SK84NE	48512	34738	14
659	84	9	D	CERAMIC	TILE		Pmed	1	13.8	SK84NE	48512	34738	14
661	84	10	E	CERAMIC	TILE		Pmed	1	40.0	SK84NE	48512	34738	14
663	84	13	E	CERAMIC	POT(BODY)	NSP		1	1.6	SK84NE	48512	34738	14
664	84	13	E	CERAMIC	POT(BODY)	STCOAR	17-18C	1	1.8	SK84NE	48512	34738	14
662	84	13	E	CERAMIC	POT(BODY)	NSP	12C	1	1.4	SK84NE	48512	34738	14
665	84	14	E	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	4.1	SK84NE	48512	34738	14
666	84	16	E	CERAMIC	BRICK		RO+	1	46.1	SK84NE	48512	34738	14
667	84	17	A	CERAMIC	POT(BASE)			1	19.5	SK84NE	48512	34738	14
668	84	18	B	CERAMIC	DISH(BODY)	STCO	L17-18C	1	3.3	SK84NE	48512	34738	14
670	84	19	A	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	14.2	SK84NE	48512	34738	14
669	84	19	E	CERAMIC	BOWL(BASE)	MY	16-17C	1	29.4	SK84NE	48512	34738	14
671	84	21	C	CERAMIC	TILE		Pmed	1	25.5	SK84NE	48512	34738	14
672	84	22	D	CERAMIC	JUG(BODY)	MEDLOC	13-15C	1	3.5	SK84NE	48512	34738	14
673	84	22	E	CERAMIC	POT(BODY)	NOTG	13-14C	1	7.3	SK84NE	48512	34738	14
675	86	3	E	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	6.1	SK84NW	48460	34740	14
674	86	3	E	CERAMIC	LAND DRAIN		Pmed	1	19.7	SK84NW	48460	34740	14
676	86	5	D	CERAMIC	LAND DRAIN		Pmed	1	9.0	SK84NW	48460	34740	14
678	86	7	C	CERAMIC	JAR(BODY)	MP	15-16C	1	2.0	SK84NW	48460	34740	14
677	86	7	D	CERAMIC	LAND DRAIN		Pmed	1	44.6	SK84NW	48460	34740	14
680	86	8	A	CERAMIC	POSS?(BODY)	STMO	L17-18C	1	0.8	SK84NW	48460	34740	14
681	86	8	A	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	9.7	SK84NW	48460	34740	14
679	86	8	B	CERAMIC	BOWL(RIM)	STCOAR	17-18C	1	24.8	SK84NW	48460	34740	14
682	86	8	B	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	13.4	SK84NW	48460	34740	14
683	86	9	B	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	5.7	SK84NW	48460	34740	14
684	86	9	D	CERAMIC	LAND DRAIN		Pmed	1	24.4	SK84NW	48460	34740	14
685	86	9	D	CERAMIC	LAND DRAIN		Pmed	1	8.2	SK84NW	48460	34740	14
689	86	10	D	CERAMIC	BOWL	BL	17-18C	1	42.8	SK84NW	48460	34740	14
692	86	10	D	CERAMIC	LAND DRAIN		Pmed	1	21.3	SK84NW	48460	34740	14
691	86	10	D	CERAMIC	LAND DRAIN		Pmed	1	30.8	SK84NW	48460	34740	14
690	86	10	E	CERAMIC	LAND DRAIN		Pmed	1	6.4	SK84NW	48460	34740	14
688	86	10	E	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	8.5	SK84NW	48460	34740	14
687	86	10	E	CERAMIC	LAND DRAIN		Pmed	1	17.3	SK84NW	48460	34740	14
686	86	10	E	CERAMIC	LAND DRAIN		Pmed	1	31.9	SK84NW	48460	34740	14
694	86	11	B	CERAMIC	POT(BASE)	NOTG	13-14C	1	47.4	SK84NW	48460	34740	14
693	86	11	E	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	8.8	SK84NW	48460	34740	14
695	86	13	B	CERAMIC	TILE		Pmed	1	14.0	SK84NW	48460	34740	14
696	86	13	E	CERAMIC	TILE		M-Pmed	1	45.9	SK84NW	48460	34740	14
697	86	15	B	CERAMIC	TILE		Pmed	1	31.1	SK84NW	48460	34740	14
698	86	26	A	CERAMIC	BOWL(RIM)	STCOAR	17-18C	1	34.3	SK84NW	48460	34740	14
699	86	27	E	CERAMIC	TILE		Pmed	1	4.9	SK84NW	48460	34740	14
700	86	36	D	CERAMIC	LAND DRAIN		Pmed	1	11.1	SK84NW	48460	34740	14



Find No	Field	Stint	Lane	Material	Identity	Type	Period	Count	Weight (g)	OS Tile	OS east	OS north	BG map
701	86	37	C	CERAMIC	TILE	SANDED MOULD	Pmed	1	62.9	SK84NW	48460	34740	14
702	86	38	D	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	2.1	SK84NW	48460	34740	14
703	86	42	A	CERAMIC	BOWL(BODY)	BL	17-18C	1	17.4	SK84NW	48460	34740	14
704	86	44	B	CERAMIC	LAND DRAIN		Pmed	1	20.3	SK84NW	48460	34740	14
705	86	44	B	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	1.9	SK84NW	48460	34740	14
706	86	45	C	CERAMIC	TILE		Pmed	1	11.5	SK84NW	48460	34740	14
707	87	6	B	CERAMIC	J105(RIM)	GREY	2C	1	6.6	SK84NW	48420	34744	14,15
708	87	9	C	CERAMIC	JAR(BASE)	STCOAR	17-18C	1	23.5	SK84NW	48420	34744	14,15
710	87	10	B	CERAMIC	LAND DRAIN		Pmed	1	13.9	SK84NW	48420	34744	14,15
709	87	10	E	CERAMIC	POT(BASE)	MEDLOC	13-15C	1	9.3	SK84NW	48420	34744	14,15
711	87	10	E	CERAMIC	LAND DRAIN		Pmed	1	6.0	SK84NW	48420	34744	14,15
713	87	11	C	CERAMIC	BOWL(RIM)	STCOAR	17-18C	1	7.7	SK84NW	48420	34744	14,15
712	87	11	D	CERAMIC	CUP(BODY)	CSTN	16-17C	1	6.9	SK84NW	48420	34744	14,15
714	87	18	A	CERAMIC	BOWL(BODY)	MP	15-16C	1	17.0	SK84NW	48420	34744	14,15
715	87	22	D	CERAMIC	POT(BASE)	ZZZ		1	2.9	SK84NW	48420	34744	14,15
716	87	26	B	CERAMIC	POT(BODY)	MP	15-16C	1	5.0	SK84NW	48420	34744	14,15
718	87	28	B	CERAMIC	POT(BODY)	MEDLOC	13-15C	1	2.7	SK84NW	48420	34744	14,15
717	87	28	C	CERAMIC	POT(BODY)	CBM		1	2.8	SK84NW	48420	34744	14,15
719	87	29	C	CERAMIC	LAND DRAIN		Pmed	1	4.5	SK84NW	48420	34744	14,15
720	87	31	A	CERAMIC	POT(BODY)	MEDLOC	13-15C	1	3.5	SK84NW	48420	34744	14,15
721	87	37	E	CERAMIC	B334?(RIM)	GREY	2C	1	4.8	SK84NW	48420	34744	14,15
722	89	1	B	CERAMIC	LAND DRAIN		Pmed	1	18.3	SK84NW	48360	34746	15
723	89	4	E	CERAMIC	BRICK		M-Pmed	1	14.0	SK84NW	48360	34746	15
724	89	8	B	CERAMIC	BRICK		M-Pmed	1	9.1	SK84NW	48360	34746	15
725	89	10	B	CERAMIC	FLP?(BODY)	BL	18-19C	1	6.1	SK84NW	48360	34746	15
726	90	3	A	CERAMIC	BOWL(BODY)	BL	17-18C	1	23.3	SK84NW	48337	34750	15
727	90	4	B	CERAMIC	TILE		M-Pmed	1	73.2	SK84NW	48337	34750	15
728	90	5	A	CERAMIC	BOWL(BODY)	BL	17-18C	1	13.0	SK84NW	48337	34750	15
729	90	5	E	CERAMIC	LAND DRAIN	HORSESHOE	Pmed	1	178.1	SK84NW	48337	34750	15
731	90	7	B	CERAMIC	TILE		Pmed	1	78.0	SK84NW	48337	34750	15
730	90	7	E	CERAMIC	TILE		Pmed	1	61.4	SK84NW	48337	34750	15
732	90	10	D	CERAMIC	TILE		Pmed	1	9.6	SK84NW	48337	34750	15
733	90	12	A	CERAMIC	POT(BODY)			1	15.5	SK84NW	48337	34750	15
734	90	16	B	CERAMIC	TILE		Pmed	1	87.9	SK84NW	48337	34750	15
735	91	2	E	CERAMIC	TILE		Pmed	1	37.6	SK84NW	48315	34754	15
736	91	2	E	CERAMIC	TILE		Pmed	1	16.0	SK84NW	48315	34754	15
737	91	3	C	CERAMIC	CLOSED(BODY)	NOTS	L17-19C	1	0.7	SK84NW	48315	34754	15
738	91	4	C	CERAMIC	JAR(BODY)	NOTS	L17-19C	1	8.0	SK84NW	48315	34754	15
739	91	7	C	FLINT	TOOL	UTIL FLAKE	PH	1	6.3	SK84NW	48315	34754	15
740	91	9	B	FLINT	WASTE	FLAKE	PH	1	1.5	SK84NW	48315	34754	15
741	91	16	C	FLINT	TOOL	SCRAPER	PH	1	15.2	SK84NW	48315	34754	15
742	91	19	A	CERAMIC	BOWL(BODY)	BL	17-18C	1	5.3	SK84NW	48315	34754	15
743	91	22	B	CERAMIC	POT(BODY)	MEDLOC	13-15C	1	1.7	SK84NW	48315	34754	15
744	91	25	A	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	8.1	SK84NW	48315	34754	15
746	93	6	A	CERAMIC	POT(BODY)	BL	17-18C	1	1.2	SK84NW	48265	34749	15
745	93	6	D	CERAMIC	BOWL(BODY)	NOTS	L17-19C	1	10.1	SK84NW	48265	34749	15



Find No	Field	Stint	Lane	Material	Identity	Type	Period	Count	Weight (g)	OS Tile	OS east	OS north	BG map
747	93	7	B	CERAMIC	POT(BODY)	NOTG	13-14C	1	6.6	SK84NW	48265	34749	15
748	93	7	E	CERAMIC	BOWL(BODY)	BL	17-18C	1	5.7	SK84NW	48265	34749	15
749	93	9	A	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	2.2	SK84NW	48265	34749	15
750	93	9	C	CERAMIC	CLSD(BODY)	GREY	2-3C	1	5.5	SK84NW	48265	34749	15
751	93	11	C	CERAMIC	TANKARD(BDY)	NOTS	L17-19C	1	3.3	SK84NW	48265	34749	15
752	93	15	A	CERAMIC	BOWL(RIM)	STCOAR	17-18C	1	26.5	SK84NW	48265	34749	15
753	93	16	E	CERAMIC	LAND DRAIN		Pmed	1	35.9	SK84NW	48265	34749	15
754	93	17	B	CERAMIC	POT(BODY)	STCOAR	17-18C	1	3.0	SK84NW	48265	34749	15
755	93	18	A	CERAMIC	CLOSED(BODY)	NOTS	L17-19C	1	9.6	SK84NW	48265	34749	15
756	93	19	D	CERAMIC	BOWL(BODY)	NOTS	L17-19C	1	6.7	SK84NW	48265	34749	15
757	93	20	E	CERAMIC	BRICK		Pmed	1	2.0	SK84NW	48265	34749	15
758	93	21	B	CERAMIC	BRICK		M-Pmed	1	77.7	SK84NW	48265	34749	15
759	93	22	E	CERAMIC	TILE		Pmed	1	53.0	SK84NW	48265	34749	15
760	93	24	B	FLINT	WASTE	FLAKE	PH	1	1.5	SK84NW	48265	34749	15
761	93	25	C	CERAMIC	BOTTLE(BODY)	FREC	16-17C	1	33.2	SK84NW	48265	34749	15
763	93	26	B	FLINT	WASTE	FLAKE	PH	1	0.6	SK84NW	48265	34749	15
765	93	26	B	CERAMIC	MWAL(RIM)	MOMH	3-4C	1	40.8	SK84NW	48265	34749	15
766	93	26	B	CERAMIC	POT(BODY)	MISC		1	1.4	SK84NW	48265	34749	15
764	93	26	D	CERAMIC	JAR(RIM)	STCOAR	17-18C	1	29.1	SK84NW	48265	34749	15
762	93	26	E	FLINT	WASTE	FLAKE	PH	1	3.4	SK84NW	48265	34749	15
767	93	28	B	CERAMIC	FLP(RIM)	STCOAR	17-18C	1	10.5	SK84NW	48265	34749	15
768	93	30	B	FLINT	WASTE	CORE	PH	1	19.2	SK84NW	48265	34749	15
769	93	32	B	FLINT	WASTE	CORE	PH	1	20.5	SK84NW	48265	34749	15
770	94	1	C	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	6.9	SK84NW	48244	34751	16
771	94	3	A	CERAMIC	BOWL(RIM)	NOTS	L17-19C	1	3.6	SK84NW	48244	34751	16
774	94	5	B	FLINT	WASTE	FLAKE	PH	1	0.5	SK84NW	48244	34751	16
775	94	5	B	CERAMIC	TILE		Pmed	1	1.8	SK84NW	48244	34751	16
773	94	5	C	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	0.4	SK84NW	48244	34751	16
772	94	5	C	FLINT	WASTE	FLAKE	PH	1	1.6	SK84NW	48244	34751	16
776	94	7	C	CERAMIC	BOWL(BASE)	NOTS	L17-19C	1	32.1	SK84NW	48244	34751	16
777	94	8	D	CERAMIC	FLP(BODY)	MISC		1	7.8	SK84NW	48244	34751	16
778	94	19	B	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	6.3	SK84NW	48244	34751	16
779	94	21	E	CERAMIC	DISH(RIM)	STSL	L17-18C	1	17.1	SK84NW	48244	34751	16
780	94	21	E	CERAMIC	TILE			1	10.5	SK84NW	48244	34751	16
781	95	4	C	CERAMIC	TILE		Pmed	1	8.1	SK84NW	48220	34751	16
782	95	6	C	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	31.6	SK84NW	48220	34751	16
783	95	9	C	CERAMIC	TANKARD(BDY)	NOTS	L17-19C	1	2.1	SK84NW	48220	34751	16
784	95	18	A	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	0.9	SK84NW	48220	34751	16
785	95	23	B	CERAMIC	BOWL(RIM)	STCOAR	17-18C	1	29.6	SK84NW	48220	34751	16
786	95	30	B	CERAMIC	BWM?(BODY)	GREY	3-4C	1	22.0	SK84NW	48220	34751	16
787	95	36	B	CERAMIC	DPR(RIM)	NVCC	3-4C	1	8.3	SK84NW	48220	34751	16
788	96	2	D	CERAMIC	BWM?(BODY)	GREY	3-4C	1	28.6	SK84NW	48185	34750	16
789	96	5	E	CERAMIC	BEAKER(BASE)	NVCC	3C+	1	10.6	SK84NW	48185	34750	16
790	97	22	D	BONE (A)				1	8.3	SK84NW	48144	34756	16
791	97	33	A	CERAMIC	TILE		Pmed	1	32.8	SK84NW	48144	34756	16
792	97	38	D	CERAMIC	TILE		Pmed	1	84.5	SK84NW	48144	34756	16
793	97	39	D	CERAMIC	TILE		Pmed	1	43.2	SK84NW	48144	34756	16



Find No	Field	Stint	Lane	Material	Identity	Type	Period	Count	Weight (g)	OS Tile	OS east	OS north	BG map
794	97	40	D	CERAMIC	LAND DRAIN		Pmed	1	84.7	SK84NW	48144	34756	16
795	98	26	C	CERAMIC	LAND DRAIN		Pmed	1	144.6	SK84NW	48090	34760	16
796	98	30	D	CERAMIC	TILE		Pmed	1	92.4	SK84NW	48090	34760	16
798	99	3	C	FLINT	WASTE	FLAKE	PH	1	30.0	SK84NW	48055	34762	16,17
799	99	11	B	FLINT	WASTE	FLAKE	PH	1	12.7	SK84NW	48055	34762	16,17
800	99	12	B	CERAMIC	CLSD(BODY)	GREY	2-4C	1	5.1	SK84NW	48055	34762	16,17
802	99	15	A	METAL (CuALLOY)	OBJECT			1	97.6	SK84NW	48055	34762	16,17
801	99	15	D	CERAMIC	BOTTLE(BODY)	SELZ	L18-19C	1	16.1	SK84NW	48055	34762	16,17
803	99	16	B	FLINT	WASTE	FLAKE	PH	1	0.7	SK84NW	48055	34762	16,17
804	99	17	E	CERAMIC	FLP(BODY)	MISC		1	2.3	SK84NW	48055	34762	16,17
805	99	18	E	CERAMIC	FLP(RIM)	MISC		1	3.1	SK84NW	48055	34762	16,17
806	99	21	B	FLINT	TOOL	UTIL FLAKE	PH	1	0.5	SK84NW	48055	34762	16,17
807	99	23	A	CERAMIC	BOTTLE(BODY)	ENGS	19C	1	62.2	SK84NW	48055	34762	16,17
808	99	29	A	CERAMIC	CLOSED(BODY)	NOTS	L18-19C	1	11.8	SK84NW	48055	34762	16,17
809	100	20	C	CERAMIC	JAR(BODY)	MP	15-16C	1	6.1	SK84NW	48014	34770	17
810	100	26	E	CERAMIC	CLSD(BODY)	OX	3C+	1	17.0	SK84NW	48014	34770	17
811	100	30	D	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	17.3	SK84NW	48014	34770	17
812	100	31	C	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	12.2	SK84NW	48014	34770	17
813	100	34	C	CERAMIC	JAR(BODY)	MP	15-16C	1	12.0	SK84NW	48014	34770	17
814	100	39	C	CERAMIC	CLSD(BODY)	GREY	2-3C	1	6.4	SK84NW	48014	34770	17
815	100	40	B	CERAMIC	CUP(BASE)	CSTN	16-17C	1	8.2	SK84NW	48014	34770	17
817	100	41	B	FLINT	WASTE	FLAKE	PH	1	4.5	SK84NW	48014	34770	17
816	100	41	B	CERAMIC	TILE			1	13.4	SK84NW	48014	34770	17
818	101	1	C	CERAMIC	POT(BASE)	BL	16-17C	1	19.0	SK74NE	47977	34780	17
819	101	4	A	CERAMIC	JEV(RIM)	GROG	1-2C	1	5.4	SK74NE	47977	34780	17
820	101	4	B	CERAMIC	POT(BODY)	PRE-MP	14-15C	1	19.2	SK74NE	47977	34780	17
821	101	5	B	CERAMIC	TILE		Pmed	1	82.7	SK74NE	47977	34780	17
822	101	7	C	CERAMIC	BOWL(RIM)	STCOAR	17-18C	1	28.8	SK74NE	47977	34780	17
826	101	8	A	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	63.7	SK74NE	47977	34780	17
823	101	8	B	CERAMIC	TILE		Pmed	1	4.7	SK74NE	47977	34780	17
824	101	8	B	CERAMIC	POT(BODY)	NOTG	13-14C	1	1.7	SK74NE	47977	34780	17
825	101	8	B	FLINT	WASTE	FLAKE	PH	1	1.2	SK74NE	47977	34780	17
827	101	9	E	CERAMIC	CLOSED(BODY)	NOTS	19C	1	5.7	SK74NE	47977	34780	17
828	101	9	E	CERAMIC	POT(BODY)	BOU	15-16C	1	8.6	SK74NE	47977	34780	17
831	101	11	A	CERAMIC	POT(BODY)	CBM		1	10.1	SK74NE	47977	34780	17
829	101	11	B	CERAMIC	TILE		Pmed	1	26.8	SK74NE	47977	34780	17
830	101	11	B	CERAMIC	BOWL(BASE)	STCOAR	17-18C	1	6.7	SK74NE	47977	34780	17
832	101	13	B	FLINT	WASTE	FLAKE	PH	1	1.7	SK74NE	47977	34780	17
833	101	14	A	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	20.8	SK74NE	47977	34780	17
834	101	15	E	CERAMIC	JAR(RIM)	MP	15-16C	1	35.2	SK74NE	47977	34780	17
835	101	16	B	BONE (A)				1	3.2	SK74NE	47977	34780	17
836	101	16	B	CERAMIC	POT(BODY)	NOTG	13-14C	1	1.4	SK74NE	47977	34780	17
837	101	19	B	CERAMIC	JAR(BODY)	MP	15-16C	1	5.4	SK74NE	47977	34780	17
838	101	21	D	CERAMIC	POT(BODY)	MEDLOC	13-15C	1	8.5	SK74NE	47977	34780	17
839	101	22	E	CERAMIC	JAR(RIM)	MP	15-16C	1	18.7	SK74NE	47977	34780	17
840	101	23	C	CERAMIC	BOWL(BASE)	MY	16-17C	1	27.6	SK74NE	47977	34780	17



Find No	Field	Stint	Lane	Material	Identity	Type	Period	Count	Weight (g)	OS Tile	OS east	OS north	BG map
841	101	25	B	CERAMIC	POT(BODY)	VESIC	IA-RO	1	2.5	SK74NE	47977	34780	17
842	101	25	D	CERAMIC	BOWL(RIM)	MEDLOC	13-15C	1	20.6	SK74NE	47977	34780	17
843	101	27	C	CERAMIC	POT(BODY)	ST	11-12C	1	4.1	SK74NE	47977	34780	17
844	101	30	C	CERAMIC	BOWL(BASE)	STCOAR	17-18C	1	9.2	SK74NE	47977	34780	17
845	101	30	C	CERAMIC	BOWL(BASE)	STCOAR	17-18C	1	24.0	SK74NE	47977	34780	17
846	101	32	B	CERAMIC	POT(BODY)	NOTG	13-14C	1	10.2	SK74NE	47977	34780	17
848	101	33	C	CERAMIC	BOWL(RIM)	STCOAR	17-18C	1	21.1	SK74NE	47977	34780	17
849	101	33	C	CERAMIC	JAR(HANDLE)	MP	15-16C	1	24.4	SK74NE	47977	34780	17
847	101	33	C	CERAMIC	FLASK?(BODY)	STCOAR	17-18C	1	16.6	SK74NE	47977	34780	17
850	101	33	E	CERAMIC	BOWL(BASE)	STCOAR	17-18C	1	112.2	SK74NE	47977	34780	17
851	101	33	E	CERAMIC	JAR(BODY)	MP	15-16C	1	23.0	SK74NE	47977	34780	17
852	101	34	E	FLINT	WASTE	FLAKE	PH	1	1.0	SK74NE	47977	34780	17
853	101	35	C	CERAMIC	DJ(BASE)	FREC	16-17C	1	29.4	SK74NE	47977	34780	17
854	101	39	A	CERAMIC	TANKARD(BDY)	NOTS	L17-19C	1	1.7	SK74NE	47977	34780	17
855	101	56	D	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	7.4	SK74NE	47977	34780	17
857	102	1	A	MMETAL	SLAG			1	57.9	SK74NE	47930	34791	17
856	102	1	E	CERAMIC	POT(BODY)	NOTG	13-14C	1	6.0	SK74NE	47930	34791	17
858	102	5	C	CERAMIC	BOWL(RIM)	STCOAR	17-18C	1	11.1	SK74NE	47930	34791	17
859	102	6	E	CERAMIC	POT(BODY)	NOTG	13-14C	1	8.5	SK74NE	47930	34791	17
860	102	10	B	CERAMIC	TILE		MED?	1	23.1	SK74NE	47930	34791	17
861	102	12	C	CERAMIC	POT(BODY)	BL	17-18C	1	12.7	SK74NE	47930	34791	17
862	102	14	D	CERAMIC	JAR(BODY)	STCOAR	17-18C	1	16.2	SK74NE	47930	34791	17
863	102	19	D	CERAMIC	POT(BASE)	NOTG	13-14C	1	27.2	SK74NE	47930	34791	17
864	102	23	C	CERAMIC	POT(BODY)	MEDLOC	13-15C	1	2.5	SK74NE	47930	34791	17
865	102	45	D	CERAMIC	POT(BODY)	BL	17-18C	1	7.4	SK74NE	47930	34791	17
866	102	55	C	CERAMIC	BOT(BODY)	NOTS	L17-19C	1	7.1	SK74NE	47930	34791	17
867	102	55	D	CERAMIC	POT(BODY)	STCOAR	17-18C	1	2.8	SK74NE	47930	34791	17
868	102	60	D	CERAMIC	POT(BODY)	NOTS	L17-19C	1	1.0	SK74NE	47930	34791	17
869	103	5	C	CERAMIC	BOWL(RIM)	STCOAR	17-18C	1	53.1	SK74NE	47886	34802	17
870	103	11	A	CERAMIC	BOWL(BODY)	NOTS	L17-19C	1	6.7	SK74NE	47886	34802	17
871	104	11	E	FLINT	WASTE	FLAKE	PH	1	1.5	SK74NE	47866	34809	18
872	107	3	C	BONE (A)				1	37.7	SK74NE	47843	34894	18
873	107	9	A	CERAMIC	BOTTLE(BODY)	LONS	19C	1	43.0	SK74NE	47843	34894	18
874	107	9	C	FLINT	POT LID			1	3.0	SK74NE	47843	34894	18
875	107	21	A	CERAMIC	POT(BODY)	GROG	RO?	1	5.2	SK74NE	47843	34894	18
876	110	6	B	FLINT	WASTE	FLAKE	PH	1	6.1	SK74NE	47807	34924	18
878	110	7	B	FLINT	WASTE	FLAKE	PH	1	13.2	SK74NE	47807	34924	18
877	110	7	C	FLINT	WASTE	FLAKE	PH	1	5.4	SK74NE	47807	34924	18
879	110	8	B	FLINT	TOOL	UTIL FLAKE	PH	1	1.4	SK74NE	47807	34924	18
880	110	8	E	BFLINT				1	7.4	SK74NE	47807	34924	18
881	110	20	A	CERAMIC	TILE		M-Pmed	1	70.9	SK74NE	47807	34924	18
882	110	20	D	FLINT	WASTE	CORE	PH	1	11.1	SK74NE	47807	34924	18
883	110	21	A	FLINT	WASTE	FLAKE	PH	1	4.4	SK74NE	47807	34924	18
884	110	26	B	CERAMIC	CLSD(BODY)	GREY	2-3C	1	2.9	SK74NE	47807	34924	18
885	110	30	A	CERAMIC	CLOSED(BASE)	NOTS	L17-19C	1	20.5	SK74NE	47807	34924	18
886	110	30	E	FLINT	WASTE	CORE	PH	1	8.4	SK74NE	47807	34924	18
887	110	33	A	FLINT	WASTE	FLAKE	PH	1	2.6	SK74NE	47807	34924	18



Find No	Field	Stint	Lane	Material	Identity	Type	Period	Count	Weight (g)	OS Tile	OS east	OS north	BG map
888	110	38	C	FLINT	WASTE	FLAKE	PH	1	6.7	SK74NE	47807	34924	18
889	110	41	E	FLINT	TOOL	UTIL FLAKE	PH	1	4.7	SK74NE	47807	34924	18
890	110	44	B	FLINT	WASTE	FLAKE	PH	1	0.5	SK74NE	47807	34924	18
891	110	46	E	CERAMIC	POT(RIM)	MP	15-16C	1	28.8	SK74NE	47807	34924	18
894	110	48	A	FLINT	WASTE	FLAKE	PH	1	12.8	SK74NE	47807	34924	18
892	110	48	B	FLINT	WASTE	FLAKE	PH	1	1.8	SK74NE	47807	34924	18
893	110	48	C	CERAMIC	POT(BASE)	MP	15-16C	1	11.7	SK74NE	47807	34924	18
895	110	49	B	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	7.1	SK74NE	47807	34924	18
896	110	50	E	CERAMIC	JAR(BODY)	MP	15-16C	1	3.5	SK74NE	47807	34924	18
897	110	52	C	CERAMIC	CLOSED(BODY)	NOTS	L17-19C	1	1.7	SK74NE	47807	34924	18
898	111	1	A	CERAMIC	BOWL(BODY)	BL	17-18C	1	13.1	SK74NE	47782	34952	18,19
899	111	1	B	CERAMIC	TILE	PAN	Pmed	1	23.8	SK74NE	47782	34952	18,19
900	111	3	C	FLINT	TOOL	UTIL FLAKE	PH	1	9.8	SK74NE	47782	34952	18,19
901	111	8	A	CERAMIC	POT(BODY)	NOTG	13-14C	1	2.2	SK74NE	47782	34952	18,19
902	111	10	B	CERAMIC	POT(BODY)	GROG	1-3C	1	4.1	SK74NE	47782	34952	18,19
903	111	10	C	CERAMIC	CUP(BODY)	CSTN	16-17C	1	1.2	SK74NE	47782	34952	18,19
904	111	11	B	FLINT	WASTE	FLAKE	PH	1	1.3	SK74NE	47782	34952	18,19
905	111	11	C	CERAMIC	BOWL(RIM)	BL	17-18C	1	8.9	SK74NE	47782	34952	18,19
906	111	12	A	FLINT	TOOL	UTIL FLAKE	PH	1	3.0	SK74NE	47782	34952	18,19
907	111	12	C	CERAMIC	TILE			1	1.6	SK74NE	47782	34952	18,19
908	111	14	C	FLINT	WASTE	FLAKE	PH	1	9.3	SK74NE	47782	34952	18,19
909	111	14	D	CERAMIC	CLSD(BODY)	GREY	2-3C	1	6.2	SK74NE	47782	34952	18,19
910	112	3	E	CERAMIC	POT(BODY)	NOTG	13-14C	1	4.1	SK74NE	47768	34968	19
911	112	4	C	CERAMIC	POT(BODY)	OX	RO	1	2.9	SK74NE	47768	34968	19
912	112	5	B	CERAMIC	POT(BASE)	OX	RO?	1	7.9	SK74NE	47768	34968	19
913	112	5	B	CERAMIC	POT(BODY)	NOTG	13-14C	1	2.3	SK74NE	47768	34968	19
914	112	6	C	CERAMIC	JAR(BODY)	GREY	2-3C	1	3.1	SK74NE	47768	34968	19
915	112	10	B	CERAMIC	CLSD(BODY)	OX	RO	1	19.8	SK74NE	47768	34968	19
916	112	14	B	FLINT	WASTE	FLAKE	PH	1	11.9	SK74NE	47768	34968	19
917	112	16	B	FLINT	WASTE	FLAKE	PH	1	0.8	SK74NE	47768	34968	19
918	113	3	D	CERAMIC	BEAKER(BODY)	NVCC	3-4C	1	2.1	SK74NE	47752	34983	19
919	113	9	D	CERAMIC	CUP(BODY)	CSTN	16-17C	1	2.5	SK74NE	47752	34983	19
920	113	11	B	CERAMIC	BOWL(RIM)	STCOAR	17-18C	1	22.9	SK74NE	47752	34983	19
921	113	12	C	CERAMIC	BOWL(BODY)	BL	17-18C	1	2.5	SK74NE	47752	34983	19
922	113	15	C	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	8.4	SK74NE	47752	34983	19
923	113	16	D	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	11.5	SK74NE	47752	34983	19
924	113	17	C	CERAMIC	POT(BODY)	GREY	2-4C	1	12.9	SK74NE	47752	34983	19
925	113	17	C	FLINT	WASTE	CORE	PH	1	6.3	SK74NE	47752	34983	19
926	113	17	E	CERAMIC	DISH(RIM)	STRE	L17-18C	1	2.5	SK74NE	47752	34983	19
927	113	20	C	CERAMIC	BOWL(BODY)	BL	17-18C	1	22.2	SK74NE	47752	34983	19
928	113	21	A	CERAMIC	BRICK		Pmed	1	9.1	SK74NE	47752	34983	19
929	113	23	C	CERAMIC	POT(BODY)	NOTG	13-14C	1	5.0	SK74NE	47752	34983	19
930	114	3	D	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	8.2	SK74NE	47738	34998	19
931	114	5	D	CERAMIC	BRICK		Pmed	1	62.7	SK74NE	47738	34998	19
934	114	6	C	CERAMIC	DISH?(BODY)	STMO	L17-18C	1	3.2	SK74NE	47738	34998	19
932	114	6	E	CERAMIC	JAR(BODY)	STCOAR	17-18C	1	5.3	SK74NE	47738	34998	19
933	114	6	E	CERAMIC	POT(BODY)	CBM		1	4.6	SK74NE	47738	34998	19



Find No	Field	Stint	Lane	Material	Identity	Type	Period	Count	Weight (g)	OS Tile	OS east	OS north	BG map
935	114	9	C	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	5.6	SK74NE	47738	34998	19
936	114	10	C	CERAMIC	CUP(BODY)	CSTN	16-17C	1	5.6	SK74NE	47738	34998	19
939	114	11	B	CERAMIC	POT(BODY)	CR	RO	1	11.1	SK74NE	47738	34998	19
937	114	11	D	CERAMIC	BOWL(BASE)	STCOAR	17-18C	1	17.4	SK74NE	47738	34998	19
938	114	11	D	FLINT	WASTE	CORE	PH	1	18.8	SK74NE	47738	34998	19
940	114	12	C	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	7.1	SK74NE	47738	34998	19
941	114	12	D	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	5.0	SK74NE	47738	34998	19
942	114	13	D	CERAMIC	BOWL(BASE)	STCOAR	17-18C	1	35.5	SK74NE	47738	34998	19
943	114	13	D	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	28.6	SK74NE	47738	34998	19
944	115	2	C	CERAMIC	TILE		M-Pmed	1	17.7	SK75SE	47716	35020	19
945	115	3	B	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	3.7	SK75SE	47716	35020	19
946	115	3	D	CERAMIC	JAR(BODY)	STCOAR	17-18C	1	13.5	SK75SE	47716	35020	19
947	115	4	D	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	5.3	SK75SE	47716	35020	19
949	115	5	B	CERAMIC	DISH(BASE)	STRE	L17-18C	1	8.6	SK75SE	47716	35020	19
948	115	5	E	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	6.2	SK75SE	47716	35020	19
950	115	7	B	FLINT	WASTE	FLAKE	PH	1	2.6	SK75SE	47716	35020	19
952	115	9	B	CERAMIC	JAR(BODY)	STCOAR	17-18C	1	21.1	SK75SE	47716	35020	19
951	115	9	D	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	1.1	SK75SE	47716	35020	19
955	115	16	B	CERAMIC	LAND DRAIN		Pmed	1	26.9	SK75SE	47716	35020	19
953	115	16	C	CERAMIC	BOWL(BASE)	STCOAR	17-18C	1	21.3	SK75SE	47716	35020	19
954	115	16	C	CERAMIC	BOWL(BODY)	BL	17-18C	1	8.2	SK75SE	47716	35020	19
956	115	17	B	FLINT	WASTE	CORE	PH	1	11.7	SK75SE	47716	35020	19
957	115	19	C	CERAMIC	DISH(BODY)	STRE	L17-18C	1	5.9	SK75SE	47716	35020	19
961	115	20	A	CERAMIC	POT(BODY)	NOTS	L17-19C	1	2.8	SK75SE	47716	35020	19
958	115	20	B	FLINT	WASTE	FLAKE	PH	1	0.9	SK75SE	47716	35020	19
960	115	20	E	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	25.5	SK75SE	47716	35020	19
962	115	21	C	FLINT	WASTE	FLAKE	PH	1	3.7	SK75SE	47716	35020	19
963	115	23	E	FLINT	TOOL	UTIL FLAKE	PH	1	13.2	SK75SE	47716	35020	19
964	115	25	A	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	3.4	SK75SE	47716	35020	19
959	115	26	D	CERAMIC	CLOSED(BODY)	NOTS	L17-19C	1	4.8	SK75SE	47716	35020	19
966	115	27	B	FLINT	WASTE	FLAKE	PH	1	2.3	SK75SE	47716	35020	19
965	115	27	D	CERAMIC	FLP(RIM)	STRE	L17-18C	1	6.9	SK75SE	47716	35020	19
967	115	28	D	CERAMIC	BOWL(RIM)	STCOAR	17-18C	1	26.4	SK75SE	47716	35020	19
968	115	28	D	CERAMIC	JAR(BODY)	BL	16-17C	1	17.1	SK75SE	47716	35020	19
969	115	28	E	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	2.7	SK75SE	47716	35020	19
972	115	29	D	CERAMIC	POT(BASE)	MEDLOC	13-15C	1	14.1	SK75SE	47716	35020	19
970	115	29	E	CERAMIC	BOWL(BODY)	STCOAR	17-18C	1	8.9	SK75SE	47716	35020	19
971	115	29	E	FLINT	TOOL	UTIL FLAKE	PH	1	6.5	SK75SE	47716	35020	19
975	115	30	A	CERAMIC	BOWL(BASE)	STCOAR	17-18C	1	27.0	SK75SE	47716	35020	19
973	115	30	C	CERAMIC	TILE			1	42.2	SK75SE	47716	35020	19
974	115	30	E	CERAMIC	JAR(BODY)	STCOAR	17-18C	1	8.1	SK75SE	47716	35020	19
976	115	32	A	CERAMIC	BRICK		Pmed	1	20.2	SK75SE	47716	35020	19
977	115	32	C	CERAMIC	JAR(BODY)	STCOAR	17-18C	1	8.3	SK75SE	47716	35020	19
978	115	34	B	CERAMIC	POSS(BASE)	STMO	L17-18C	1	10.2	SK75SE	47716	35020	19
979	115	35	B	FLINT	WASTE	FLAKE	PH	1	1.3	SK75SE	47716	35020	19
980	115	35	C	CERAMIC	JAR(BODY)	STCOAR	17-18C	1	1.9	SK75SE	47716	35020	19
981	116	1	A	CERAMIC	TILE	PAN	Pmed	1	25.1	SK75SE	47696	35040	19

Find No	Field	Stint	Lane	Material	Identity	Type	Period	Count	Weight (g)	OS Tile	OS east	OS north	BG map
982	116	8	C	CERAMIC	BEAKER(BODY)	NVCC	3C	1	2.3	SK75SE	47696	35040	19
983	126	13	B	CERAMIC	TILE			1	42.1	SK75SE	47605	35250	21
984	127	3	B	FLINT	WASTE	FLAKE	PH	1	7.7	SK75SE	47610	35274	21



## APPENDIX E DISTRIBUTION MAPS OF SELECTED MATERIAL FROM FIELDWALKING

Key for distribution plots

■ 1 find

■ 2-3 finds

TF 036 451



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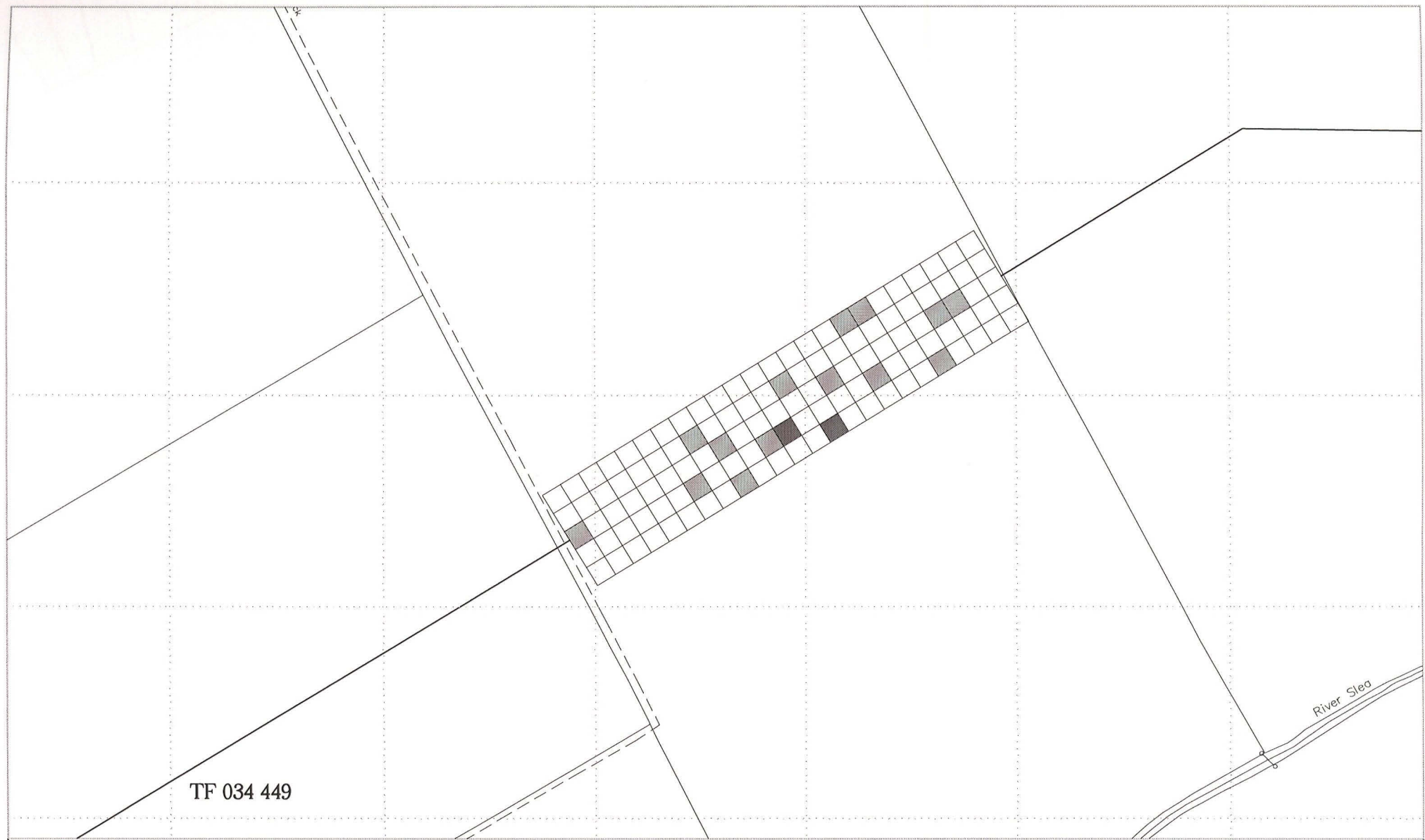
Distribution of flint material Field 18

Scale 1:2500



Figure E1





TF 034 449

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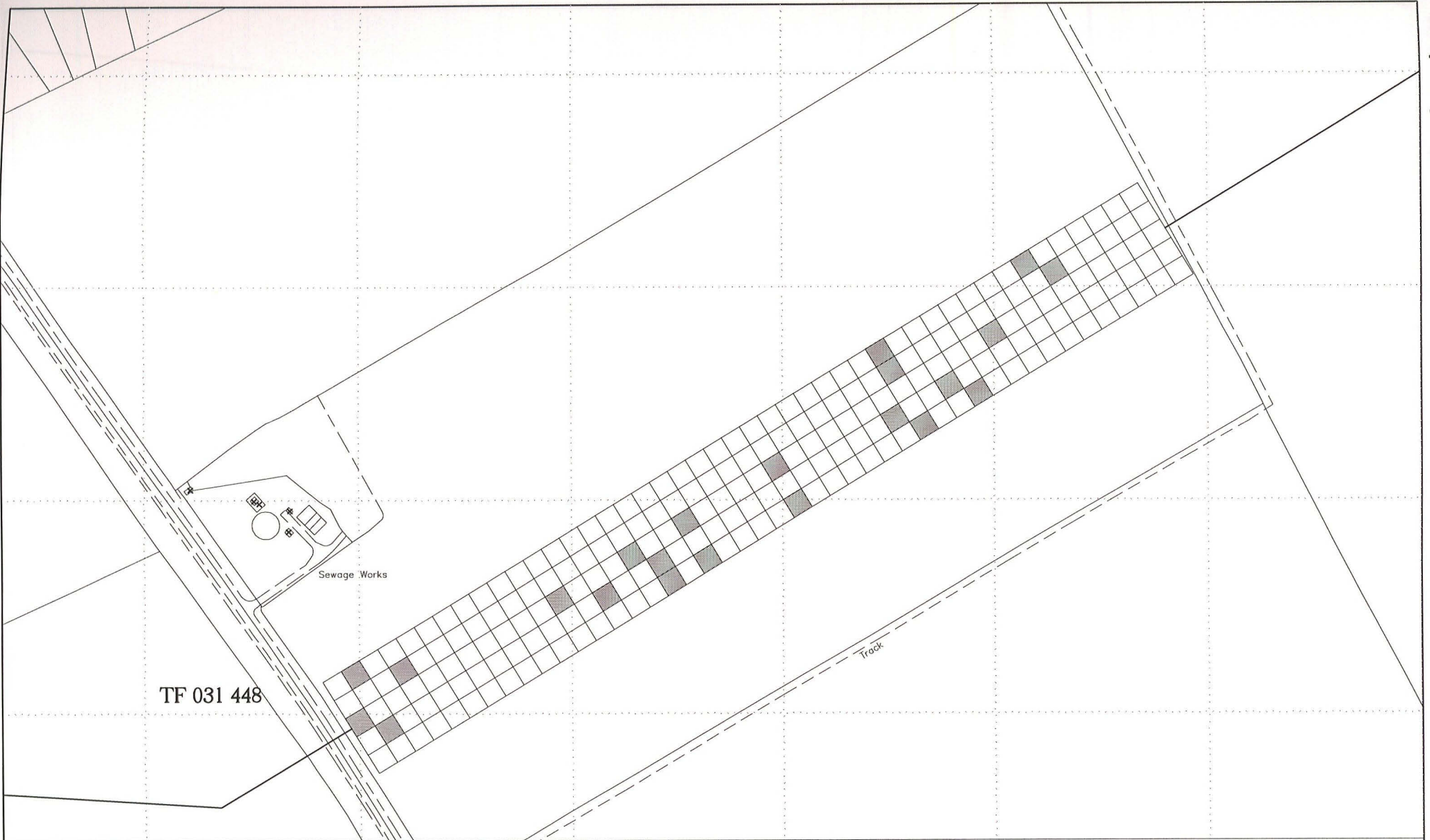


Distribution of flint material Field 19

Scale 1:2500



Figure E2



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Distribution of flint material Field 20

Scale 1:2500



E3





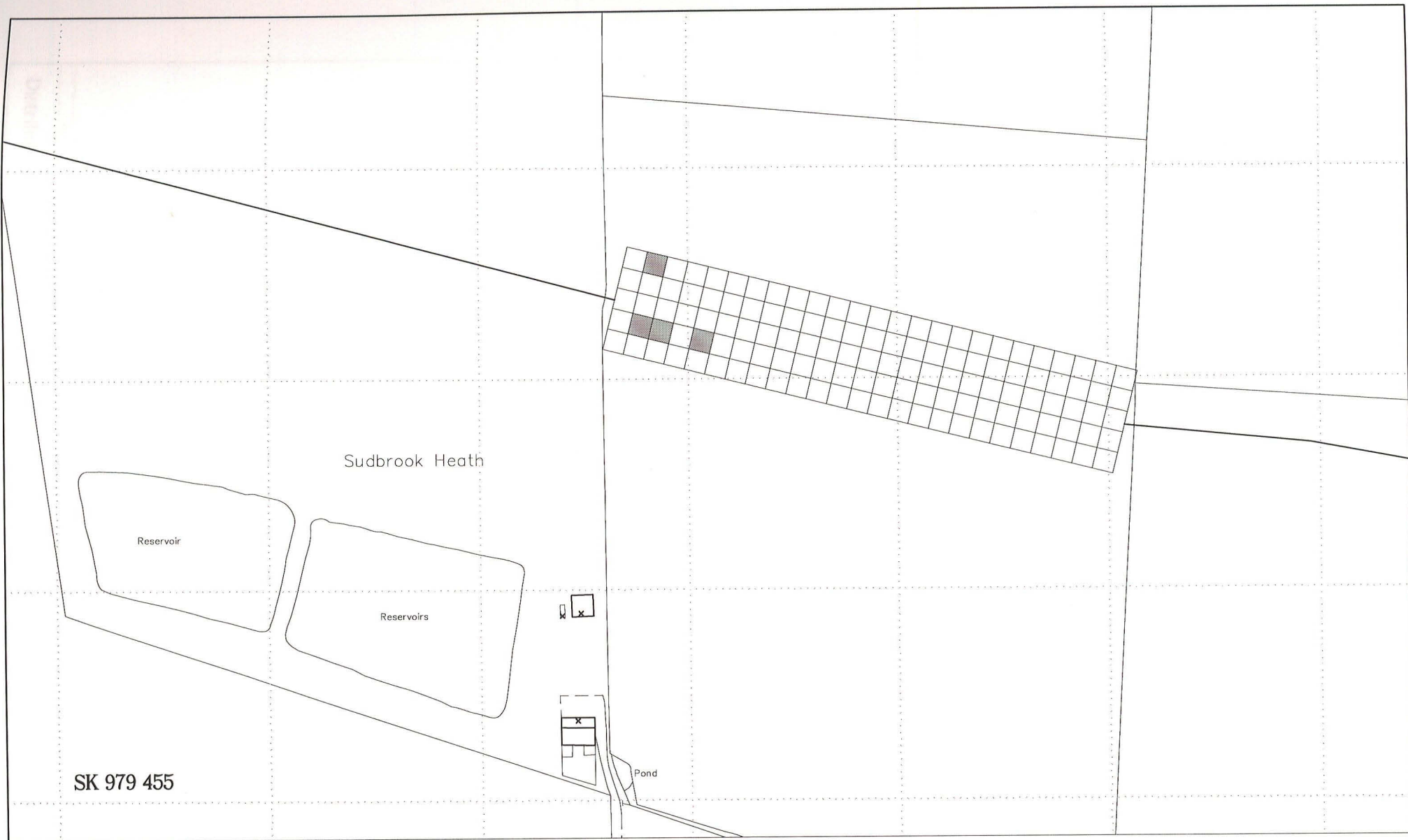
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# Distribution of Roman pottery Field 37



Figure E4



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Distribution of Roman pottery Field 38

Scale 1:2500



Figure E5







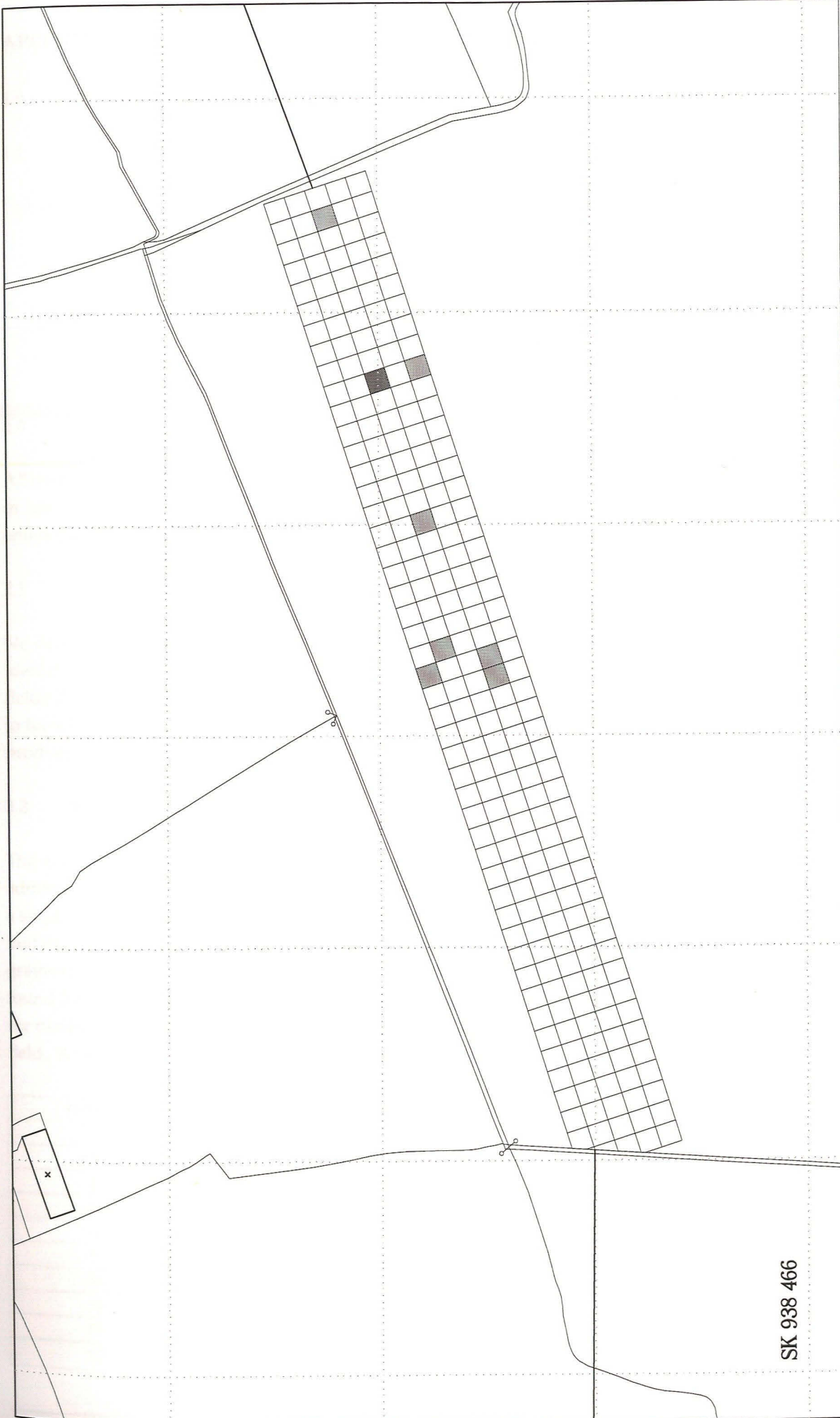
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Distribution of Roman pottery Field 45

Scale 1:2500



Figure E6



SK 938 466

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Distribution of Roman pottery Field 54

Scale 1:2500



Figure E7



## APPENDIX F POTTERY ASSESSMENT REPORT (Alan Vince)

### 1.0 INTRODUCTION

#### 1.1 AIMS AND OBJECTIVES

The aims of the assessment were:

- to identify and record all the material
- to provide a date-range for the finds
- to use these to infer previous land use
- to recommend and justify any further necessary work on the finds
- to identify any aspects of the site's archaeology recognisable from the ceramic finds which require further study or preservation

### 2.0 DESCRIPTION

All items were recorded to common name and form level and any significant details of manufacture, decoration or use were recorded as comments. Quantification was by sherd/fragment count alone and the data was entered into a MS Access 7 database.

#### 2.1 PREHISTORIC

No definite sherds of prehistoric date were recognised. However, some of the coarse, handmade wares were identified by Barbara Precious as being of Iron Age or Romano-British date (NAT and VESIC). They came from fields 39, 45, 56, 59 and 101. Some of these sherds contained grog, which until the Roman conquest seems not to have been a common tempering material in the East Midlands. However, each of these fields (except 59) produced non-grog-tempered examples.

#### 2.2 ROMAN

The earliest Romano-British sherds were grog-tempered coarsewares. Six sherds were found in total (in addition to those described above). They came from fields 54, 101, 107 and 109. Another early Roman type was a single sherd of shell-tempered ware (SLSH) from field 38. The majority of the Romano-British sherds were mid Roman (2<sup>nd</sup>-3<sup>rd</sup> centuries) greywares. Most were of unattributable wares but some examples of Nene Valley greyware occurred. These have a localised distribution, unlike the contemporary and late finewares, but are found frequently on sites in south Lincolnshire. The sites revealed in this fieldwork must have been close to the northern limit of the distribution. Most of these mid-Roman sherds occurred with less than five sherds per field. A single concentration was found, in Field 45 (11 sherds).

Field No	Sum of Count
1	2
20	1
37	1
38	2
45	11
51	2
54	4
55	1
59	1
75	1

Field No	Sum of Count
76	1
87	3
93	1
99	1
100	1
108	1
109	1
110	1
111	1

Nineteen late Roman sherds were found (3<sup>rd</sup> and 4<sup>th</sup> centuries). Greywares were again the most common type but in addition some Nene Valley finewares and a sherd of Much Hadham mortaria were present. Most of the sherds occurred singly or in pairs and presumably represent manuring scatters. Field 45 produced five late Roman sherds, however. This is still a very low occurrence.

Field No	Sherd count
31	1
37	1
38	1
45	5
54	2
93	2

Field No	Sherd Count
95	2
96	2
100	1
111	1
114	1

### 2.3 MEDIEVAL

No early to mid Anglo-Saxon sherds were found, despite the fact that the pipeline passed close to known Anglo-Saxon settlement and cemetery sites at Sleaford, Quarrington, Caythorpe and Hough on the Hill.

The earliest post-Roman pottery from the fieldwork consists of three sherds of Stamford ware (ST), all of 11<sup>th</sup> to 12<sup>th</sup> century types. These are probably no earlier than the middle of the 11<sup>th</sup> century in date and could easily be post-Conquest. Only two other sherds earlier than the 13<sup>th</sup> century were found. A sherd of Nottingham Splashed ware (NSP) from F84 and a sherd of Bourne A-C ware from Fields 1/5. Both could be of early 13<sup>th</sup> century date but are possibly earlier.

The pottery collection contains more pottery of 13<sup>th</sup> to 14<sup>th</sup> century date, most of which probably came from Nottingham. This is interesting, since at that time there was a large pottery industry based in Lincoln and yet there were no positively identified sherds of Lincoln glazed ware from the fieldwork. None of the pottery occurred as a concentration (the largest number of sherds per field was 5) and all are probably present through manuring. Most were significantly abraded.

The later medieval pottery from the fieldwork is unusual as pottery of this date is rare. The finds include some sherds termed here 'Pre Midlands Purple' (PRE-MP). They are harder fired than standard Nottingham products but not deliberately overfired, as Midlands Purple itself is. The incidence of these late medieval and early post-medieval wares is more clustered than that of the earlier wares. The pipeline crosses the boundary between the contemporary markets for Midlands Purple ware (MP) and Bourne D ware (BOU). Consequently, in fields at the eastern end of the pipeline Bourne D ware predominates whilst at sites at the Newark end of the pipeline Midlands Purple ware is found almost to the exclusion of Bourne D ware. Several of the late medieval/early post-medieval sherds have a much fresher appearance (although this is to some extent due to the harder firing of the ware rather than their being disturbed from underlying occupation sites).

Sitecode	BL	BOU	CSTN	FREC	MP	MY	PRE-MP	TB
F001/5		4						
F011			1					
F012					1			
F023/24			1					
F030					1			
F031		1						
F045							1	
F049			3	1				
F054		3						
F055		1						
F056		2			1			



Sitecode	BL	BOU	CSTN	FREC	MP	MY	PRE-MP	TB
F060		1	1		2			
F061					1			
F065					1			
F068			1					
F069					1		1	
F075			1		1			1
F076					1	1		
F084			2		2	1		
F086					1			
F087			1		2			
F093				1				
F100			1		2			
F101	1	1		1	5	1	1	
F108					3			
F109			1					
F111			1					
F112			1					
F113	1							

## 2.4 POST-MEDIEVAL

Later sixteenth century and early 17<sup>th</sup> century wares consist of Cistercian ware cups (CSTN) and some of the black-glazed wares (BL) and Frechen stoneware (FREC). There is no clear correlation of these ware and the Midlands Purple ware distribution, suggesting that the Midlands Purple ware predates their use. Sherds of this date appear to be more diffusely distributed than the late medieval examples. They occur in more fields but usually in lower numbers.

Later 17<sup>th</sup> and 18<sup>th</sup>-century wares formed the largest group found in the fieldwork. Almost all of the sherds are either from potteries situated on the Coal Measures (such as Tickhill, in Derbyshire, or Stoke on Trent) or from Nottingham. The only other source represented is an unknown, probably more local, black glazed ware. The late 17<sup>th</sup> and 18<sup>th</sup> century pottery includes very little which must date to the 17<sup>th</sup> century and several types which are definitely of 18<sup>th</sup>-century date. These include finewares such as Agate ware (produced by mixing red and buff-firing clays) and Refined redware as well as slipwares and other table wares (STCO; STMO, STRE and STSL). All are present in much smaller quantities, relative to the contemporary coarseware, than would be found in urban assemblages, such as those from Lincoln or Nottingham. The absence of white saltglazed stoneware and Westerwald stoneware is notable. Such wares, together with tin-glazed wares and porcelain, would be present in most urban assemblages and, one would imagine, would also have been gracing the tables of farmers in central Lincolnshire. It is likely that Nottingham stoneware to some extent took the place of these finewares and, indeed, some of the Nottingham stoneware vessels are thin-walled tablewares of types that might have been expected in white stoneware. Nevertheless, the apparent poverty of these late 17<sup>th</sup>/18<sup>th</sup> century assemblages is noteworthy.

Sitecode	AGATE	BL	NOTS	REFR	STCO	STCOAR	STMO	STRE	STSL
F1/5		1							
F11		1				3			1
F12						5		1	
F13/19						1			
F20		1	2			1			
F23/24		2				6	1		
F25						4			
F31									1
F37						1			
F38			1			2			
F39		1				1			
F45		5	1	1		21			

Sitecode	AGATE	BL	NOTS	REFR	STCO	STCOAR	STMO	STRE	STSL
F49	1	2	1			9		1	1
F51						1			
F52			1			1		2	
F54						1			
F55		1				3			
F59						5		1	
F61						1			
F65		1							
F68						1			
F69						1			
F74		1				1			
F75			1			7			
F76						4			1
F84		4	1		1	8			
F86		2				9	1		
F87						2			
F90		4							
F91		1	2			1			
F93		2	4			5			
F94			3			6			1
F100						2			
F101			1			10			
F102		2	2			3			
F103			1			1			
F108			2			1			
F109		2							
F111		2				3		1	
F112						8	1		
F113		1	2			16	1	3	

Later 18<sup>th</sup> and later pottery is remarkably scarce. It is possible that some of the Staffordshire/Derbyshire Coal Measures wares (STCOAR) are this late, although several are of datable types which are definitely earlier. Two red-slipped flower pots are of 18<sup>th</sup>/19<sup>th</sup> century date as are sherds of Derbyshire stoneware, stonewares with feldspathic glazes (introduced in the mid 19<sup>th</sup> century) from London, Nottingham and an unidentified source and a sherd of Selzer bottle, imported from the middle Rhine filled with carbonated water. The absence of late 18<sup>th</sup> and early 19<sup>th</sup>-century Creamware, transfer printed wares and 19<sup>th</sup>-century buff wares is remarkable, as it is inconceivable that they were not commonly found on central Lincolnshire/eastern Nottinghamshire farms. If these finds are indeed a true reflection of the late ceramics present on these fields then the finds are clearly not from manuring. Rather they are in the main vessels used to hold and carry liquids. It would seem that a major change in the use of the fields took place in the middle of the 18<sup>th</sup> century (some time after c.1740), after which date manuring ceased. This may be related to enclosure, and the subsequent reversion of the fields to pasture. To be fanciful, it is possible that the later sherds arrived in the fields along with ditch-clearing and drain-laying gangs.

Sitecode	BL	DERBS	ENGS	LONS	NOTS	SELZ
F20		1				
F39	1					
F65		2				
F70					1	
F90	1					
F99			1		1	1
F101					1	
F107				1		



### 3.0 RECOMMENDATIONS

None of the pottery requires illustration or further study. All should be retained for further study.

#### Acknowledgments

Roman pottery was identified by Barbara Precious and medieval pottery was identified by Jane Young and Alan Vince. Post-medieval pottery was identified by Alan Vince.

cname	full name	period	latest date	earliest date	broadsource	narrowsource	source
AGATE	Agate ware	emod	1770	1730	England	Staffordshire	various
BL	Black-glazed wares	pmed	1750	1500	England	various	various
BOU	Bourne D ware	pmed	1650	1500	England	South Lincolnshire	Bourne
BOUA	Bourne-type Fabrics A, B and C	med	1250	1150	England	South Lincolnshire	Bourne
CBM	Ceramic building material	na					
CMW	Coal Measures whiteware	med	1450	1250	England		
COAR	Reduced misc Roman coarsewares	rom	0	0			
CR	Cream-bodied ware	rom					
CSTN	Cistercian ware	pmed	1650	1500	England	Gloucestershire	
DERBS	Derby Stoneware	emod	1900	1830	England	Derby	Derby
ENGS	Unspecified English Stoneware	emod	1900	1750	England	nk	numerous sources?
FREC	Frechen stoneware	pmed	1680	1530	Germany	Rhineland	Frechen/ Cologne
GREY	Romano-British greywares	rom	400	40			
GROG		ROM	0	0			
LONS	London Stoneware	pmed	1800	1670	England	London	various
MEDLOC	Medieval local fabrics	med	1350	1150	England	Lincolnshire	various
MEDX	Non Local Medieval Fabrics	med	1350	1150	England	various	various
MISC	Unidentified wares	nk			nk	nk	
MOMH		ROM	0	0			
MORT		ROM	0	0			
MP	Midlands Purple ware	pmed					
MY	Midlands Yellow ware	pmed	1650	1550	England	Midlands	
NAT		ROM	0	0			
NOTG	Nottingham glazed ware	med	1500	1250	England	East Midlands	Nottingham
NOTS	Nottingham stoneware	pmed	1900	1690	England	Nottinghamshire	Nottingham
NSP	Nottingham Splashed ware	emed	1250	1100	England	Nottinghamshire	Nottingham
NVCC	Nene Valley Colour Coated	rom	400	200	England	East Midlands	Nene Valley
NVGW		ROM	0	0			
OX	Oxidized ware	rom			England		
OXRC		ROM	0	0			
pmed	Post-medieval Red Earthenwares	pmed			unidentified		
PRE-MP		MED	0	0			
REFR	Refined Red Earthenware	emod	1800	1730	England	various	various
SELZ	Selzer bottles	pmed	1900	1750	Germany	Rhineland	unknown

cname	full name	period	latest date	earliest date	broadsource	narrowsource	source
SHEL	Romano-British shelly wares	rom	400	40			
SLSH		ROM	0	0			
ST	Stamford Ware	lsax	1150	1000	England	South Lincolnshire	Stamford
STCO	Staffordshire combed press-moulded ware	pmed	1800	1650	England	Staffordshire/ Bristol	various
stcoar	Staffordshire coarseware	pmed	1900	1650	England/ Wales	Staffordshire/ Buckley	various
STMO	Staffordshire/Bristol mottled-glazed	pmed	1800	1690	England	Staffordshire	
stre	Staffordshire redware	pmed	1750	1630	England	Staffordshire	various
STSL	Staffordshire/Bristol slipware	pmed	1800	1680	England	Staffordshire	Staffordshire or Bristol
TB	Toynton/Bolingbroke wares	pmed	1650	1500	England	Lincolnshire	Toynton, Bolingbroke
TOY	Toynton Medieval Ware	med	1500	1250	England	Lincolnshire	Toynton
VESIC		ROM	0	0			
ZZZ	General context comments	na	0	0			



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**APPENDIX G REPORT ON THE CERAMIC BUILDING MATERIAL** Sandra Garside-Neville

The bulk of the sample was very fragmentary, so that it was difficult to identify forms. Much of the identification relied upon how refined the fabrics of the fragments were, and if there were any diagnostic manufacturing marks.

Most of the sample comprised of land drains of varying types. Some were probably horseshoe drains, others had an integral sole plate. All could be dated to the 19thC or even later.

There were some identifiable fragments of pan tile, which will date from the 17<sup>th</sup>C onward.

There were a few fragments of tile which may have been from plain (ie. flat) roofing tile, though they could also derive from the flat sole plates to go with the 19thC horseshoe drains. However, some fragments were so abraded and had so few diagnostic characteristics that it is possible that these are medieval in date.

Only a very few fragments might have been Roman in date. These were identified in areas where Roman pottery was found, but again were so abraded that some doubt must be cast on their identification.

There was a range of fabrics from the assemblage which points to different sources for the ceramic building material.

## APPENDIX H REPORT ON THE LITHIC MATERIAL (Andrew Copp)

### 1.0 INTRODUCTION

The assemblage collected from the fieldwork (Int.2) consists of 252 lithic items. The assemblage consisted entirely of knapped flintwork, none of which was polished. No other prehistoric material was represented in the total fieldwork assemblage, apart from a few sherds of coarse handmade wares which may be Iron Age or later (see Appendix F). Each piece of flint was allocated an individual find number during the finds processing and these numbers are used to identify the items in this report.

### 1.1 RAW MATERIAL

#### *Colour*

The raw material is relatively homogenous in colour, mainly grey-brown flint, with the exception of a few red-brown items and one grey-black piece. The flint becomes opaque on the few finer pieces present but in general it is of relatively poor quality.

At least one piece from the assemblage demonstrates re-use of a previous knapped source material. In this case a utilised flake (Find 129) with a heavy blue-grey patina has been re-worked at the distal end to produce a cutting or scraping tool.

#### *Cortex*

Cortex occurs on 52.4% of the items with 120 pieces having no remaining cortex. The incidence of cortex on an item rarely covers more than 70% of its surface area (9 examples in the range 70-99% surface area cover). There are 3 examples of chips of pure cortex.

Where cortex is present it is generally cream/brown in colour and thin in section. There are no examples of soft chalky cortex with the examples present having a solid matrix. The general character of the items with cortex suggest that the parent material was the local river gravel or glacially derived deposits, perhaps outcropping in the local stream beds. There is no indication of any mined flint in the assemblage.

#### *Patina*

A total of 154 items from the collection had a developed patina. In the majority of the cases the patina covered all sides of the item (97%). On some of the pieces the patina was well developed and had covered the entire surface of the piece, in other examples the patina was only slightly developed and affected only small areas of the surface.

Where patina is present it is generally creamy or blue/grey in colour and relatively thin in section, although in a few examples it had completely obscured the original colour of the flint.

Patina development appears to vary between different fields, perhaps reflecting the original curation of the objects or different degrees of disturbance of the archaeological deposits. For example in Field 18, 91% of pieces had a patina, two others were burnt and only two showed no signs of patina. In contrast, in Field 54 only 25% of pieces were patinated.



*Post Depositional*

The material is not well preserved with edge chipping, snapping and abrasion present in the assemblage.

## 1.2 TECHNOLOGY

The flint has been classified initially into its basic material or knapped form irrespective of further working, for example, scrapers based on flake blanks are included in the statistics for flakes. Table 1 shows the incidence of the varying forms present in the assemblage.

Table H1 Quantities of flint by type (natural or knapped)

Type	Total	%
Nat. Pieces (inc. pot lids)	5	2.0
Flakes (inc. pieces of)	211	83.7
Blades (inc. pieces of)	13	5.2
Cores (inc. pieces of)	23	9.1
<b>Total</b>	<b>252</b>	<b>100.0</b>

*Cores*

A total of 23 small flint cores were present in the assemblage and the average weight of cores was 18.3g (largest 49.3g, smallest 6.3g). The cores consisted of small pebbles or reduced nodules of flint with the largest being no longer than 50mm.

The cores had single striking platforms or two platforms set at various positions; opposing ends, opposing ends on different sides and at right angles. In general the small size of the cores is reflected in the size of the flakes and blades.

*Flakes and Blades*

Flake production outnumbers blade production in the ratios 16to1. Blades are classified in this instance as parallel sided pieces with a length: breadth ratio of greater than or equal to 2:1. Other struck pieces falling below this ratio which are flat in section are characterised as flakes. Some of the struck pieces have prominent bulbs of percussion and retain a relatively large portion of core platform indicating the use of hard hammers.

One core face trimming flake was noted in the assemblage with the flakes removed across the face of the core at 90° to the striking platform (234).

The blades from the assemblage range in size from 15mm to 57 mm. The few blades present are not particularly gracile and include thick examples up to 10mm. Flakes have a major range in size from minuscule examples 8mm long to the largest 65mm long. In general the size of the knapping debris represents the type and size of the cores recovered.

*Burning*

Nine pieces from the collection show various degrees of thermal damage by burning. Burning has affected mostly the waste material (cores and flakes), although one scraper was also damaged (488). Only two examples of calcined flint were discovered (488, 880), the others suffered surface pitting (77, 472, 876) or cracking (99, 386,

877, 984). A relative concentration of burnt material came from Field 110A which contained 3 burnt pieces (876, 877, 880).

### Worked Pieces

Thirty-nine pieces in the assemblage have been modified into or demonstrate use as tools. The list includes pieces which have light but consistent edge damage which is unlikely to have been caused by post-depositional disturbance.

Table H2 Summary of tool types represented.

Tool Type	Quantity	%
Arrowhead	1	2.6
Misc. Ret.	2	5.1
Scraper	21	53.8
Serrated Pieces	1	2.6
Utilised Flakes	13	33.3
Point/Awl	1	2.6
<b>Total</b>	<b>39</b>	<b>100.0</b>

Scrapers are the dominant tool type amongst the assemblage with 21 examples. The scrapers take a variety of forms from basic trimmed edge flakes (eg. 134, 143) to well-worked end and side scrapers (eg. 68, 433). Scrapers are generally based upon flake blanks, utilising both gracile (eg. 102) and more robust blanks (eg. 348). Five characteristic thumbnail scrapers were included in the collection (119, 239, 285, 402, 506).

Retouch is also used in an *ad hoc* manner in order to simply trim flakes to useful edges (eg. 129, 161, 739, 963).

Retouch has also been used more regularly to serrate edges, one example (276) on a thin blank has incomplete serrations along one edge (broken), or to produce a point/awl (287).

Some flakes have been utilised without further working, having nibbled or otherwise utilised edges (eg. 170, 480, 573, 806, 879, 889, 906, 971). This is particularly the case on pieces with thin edges.

An arrowhead was recovered from Field 54 (985). The small arrowhead is leaf shaped and bifacially worked. This finely worked piece is made from the similar grey-brown flint in character with the assemblage as a whole.

## 2.2 ASSESSMENT

There are no diagnostic elements amongst the assemblage which would suggest a date earlier than the Neolithic period. The flaking style with hard hammer direct percussion would fit a date from the early Neolithic onwards.

The small leaf-shape arrowhead would also correlate with an early Neolithic date, although leaf-shaped projectiles can also occur in Bronze Age contexts (Green 1983, 33).

The accurate dating of scraping tools is problematic given their continuity throughout prehistory and their varied uses which means variation may be as much a function of purpose as chronology. The mixture of end and side scrapes are a common element of Neolithic - Bronze Age assemblages, and the thumbnail scrapers are a common element of Early Bronze Age assemblages.



The assemblage with its predominance of scraping tools suggests that domestic processing was carried out at sites along the pipeline route. The arrowheads which traditionally suggest hunting activities could be derived from alternative deposits such as deliberate pit burial or ritual deposition.

The distribution of the flint work shows unexpected patterns. Material was recovered from 44% of the fields walked (35 out of 82), but there is an absence of lithic material from five principle field blocks: 1-7; 60-67; 69-90; 94-98; 116-126.

Just five fields account for over 50% of the assemblage, a total of 128 pieces were recovered from Fields 18, 19, 20, 45 and 54 with the largest quantity (45) coming from Field 18. Eleven fields produced no more than 2 pieces (Table 3).

Table H3 Classification of fields by quantity of flintwork.

Quantity	Field
1-2	8, 12, 25, 59, 68, 100, 104, 107A, 112, 113, 127
3-5	24, 31, 49, 52, 55, 56, 91, 93, 101, 110, 111
6-10	11, 13, 35, 38, 39, 51, 99, 110A, 115
11-25	19, 20, 45, 54
26-50	18

2

NB - all LI no should be read as LI

F1	Road	WB	L160813 PRN60813
F1	Possible Cremation/Burial	WB	L182434 PRN61954
F1	Roman Pottery	FW	L182435 PRN61955
F11	Flint Scatter	FW	L182436 PRN 61956
F11	Medieval Pottery	FW	L182437 PRN 61957
F13	Flint Scatter	FW	L182439 PRN 61958
F14	Anglo-Saxon Cemetery	WB	L182448 PRN 60375
F18	Flint Scatter	FW	L160623 PRN 60623
F19	Flint Scatter	FW	L182452 PRN 61961
F20	Flint Scatter	FW	L182452 PRN 61961
F20	Iron Age	MGS TT	L182455 PRN 61962
F31	Flint Scatter	FW	L182456 PRN 61963
F31	Undated Ditch	MGS TT	L182457 PRN 61964
F37	Flint Scatter	FW	L182458 PRN 35517
F37	Roman Pottery	FW	L182459 PRN 35518
F38	Flint Scatter	FW	L182458 PRN 35517
F38	Roman Pottery	FW	L182459 PRN 35518
F45	Iron Age/Roman Site	FW MGS TT	L182460 PRN 35519
F45	Flint Scatter	FW	L182461 PRN 35520



F48	Ridge and Furrow	TS OF	L182462 PRN 35521
F49	Medieval Glass Bead	FW TT	L182464 PRN 35522
F54	Roman Enclosure	FW MGS	L182465 PRN 35523
F54	Flint Scatter	FW	L182466 PRN 35524
F55	Burial Mound	MGS	L182467 PRN 35525
F55	Flint Scatter	FW	L182468 PRN 35526
F56	Iron Age Ditch	TT MGS	L182472 PRN 35527
F56	Medieval Building	TT	L182473 PRN 35528
F75	Medieval Sherd	FW	L182474 PRN 35529
F76	Roman Pottery	FW	L182475 PRN 35530
F79	Ridge and Furrow	FO TS	L182476 PRN 35531
F80	Ridge and Furrow	FO TS	L182476 PRN 35531
F80	Mound	TS	L182477 PRN 35532
F81	Ridge and Furrow	FO TS	L182478 PRN 35533
F85	Ridge and Furrow	TS FO	L182479 PRN 35534
F87	Roman Pottery	FW	L182480 PRN 35535
F93	Roman Pottery	FW	L130162 PRN 30162
F93	Flint	FW	L182481 PRN 35536



# Silk Willoughby to Staythorpe Gas Pipeline

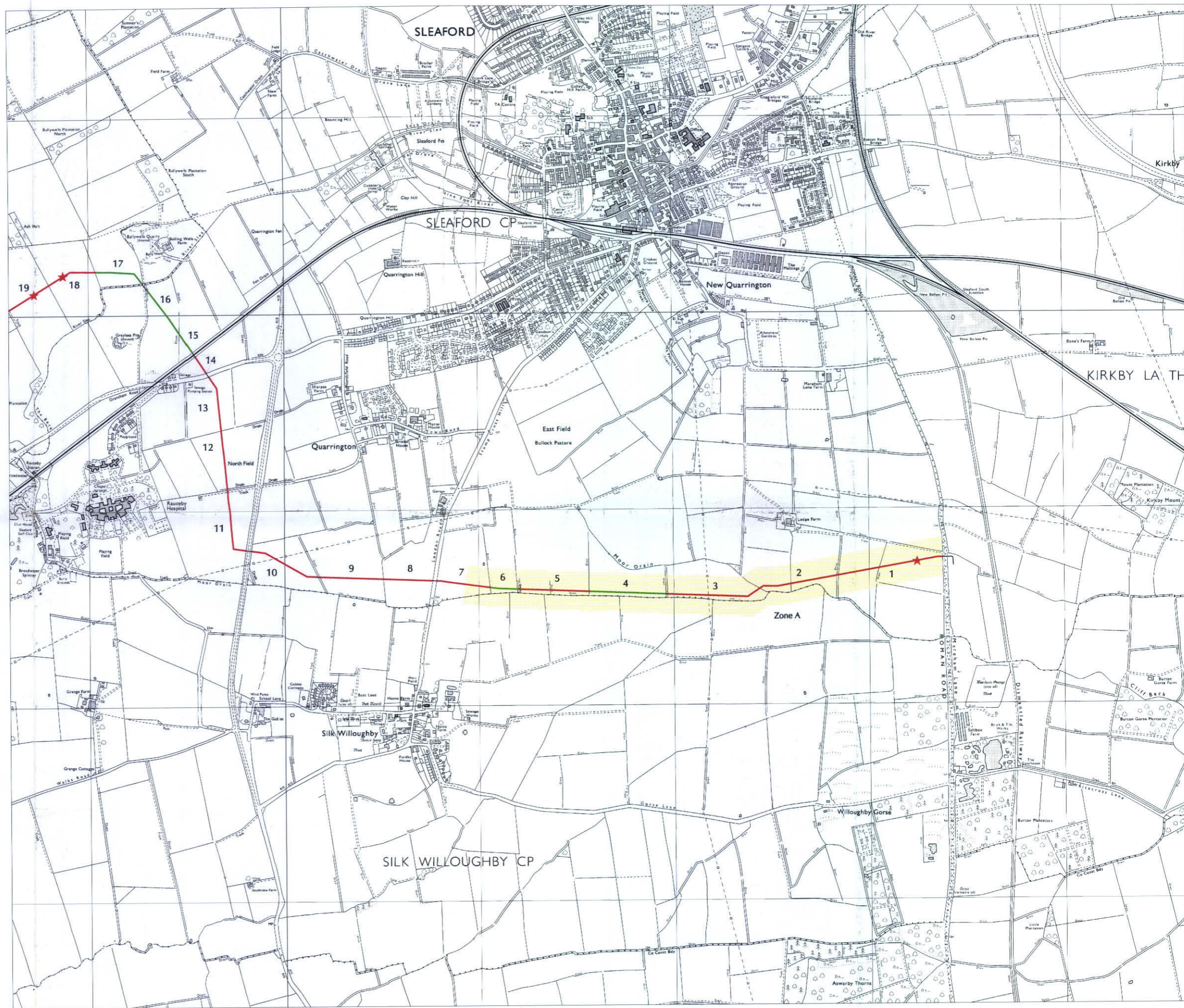
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### ARCHAEOLOGICAL CONSTRAINT MAP

Final issue

**Map 1 of 7**

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- ★ Category A site
- ★ Category B site

- Reconnaissance surveys (Int.2-4)
- Magnetometer Line survey (Int.5)
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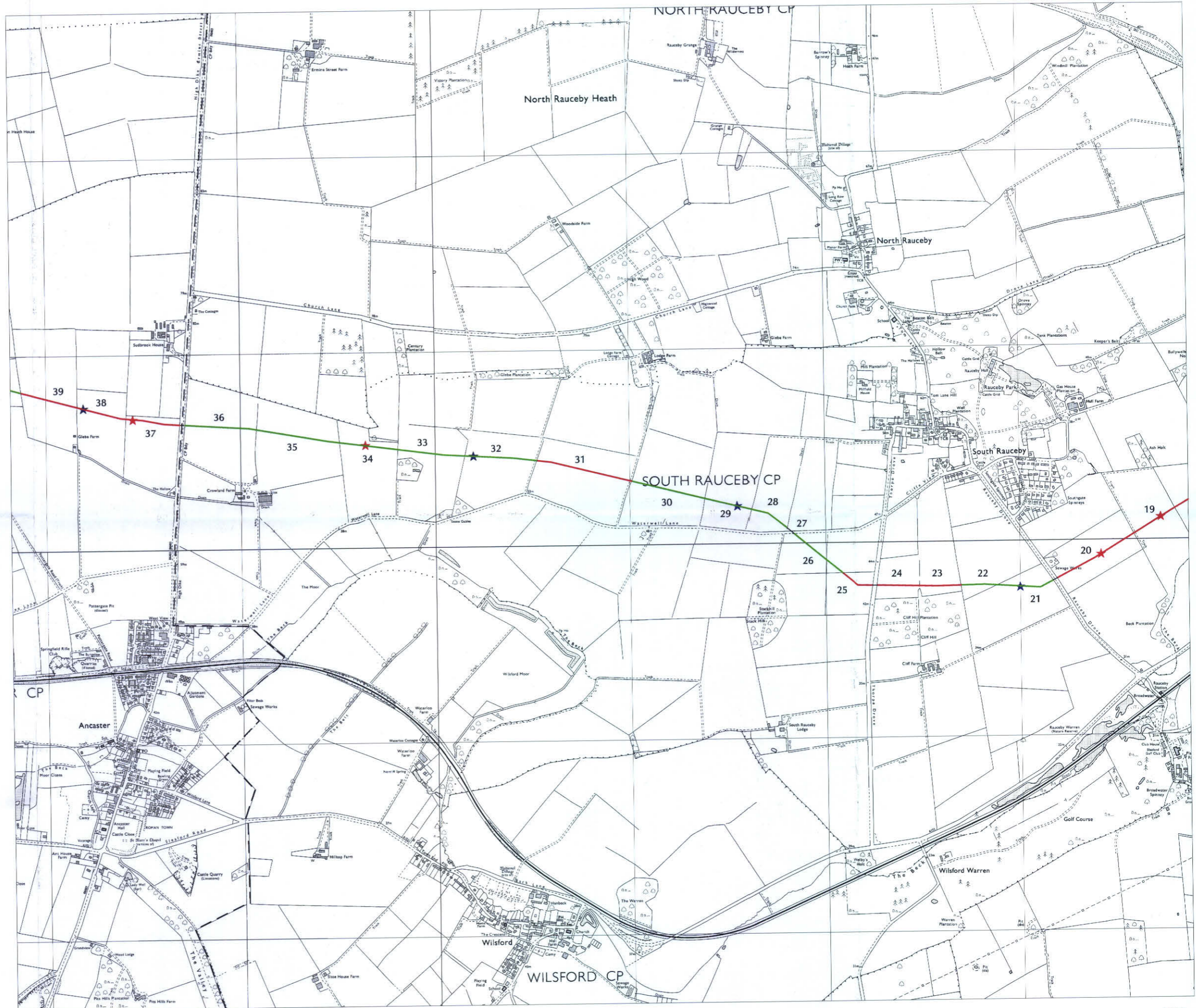
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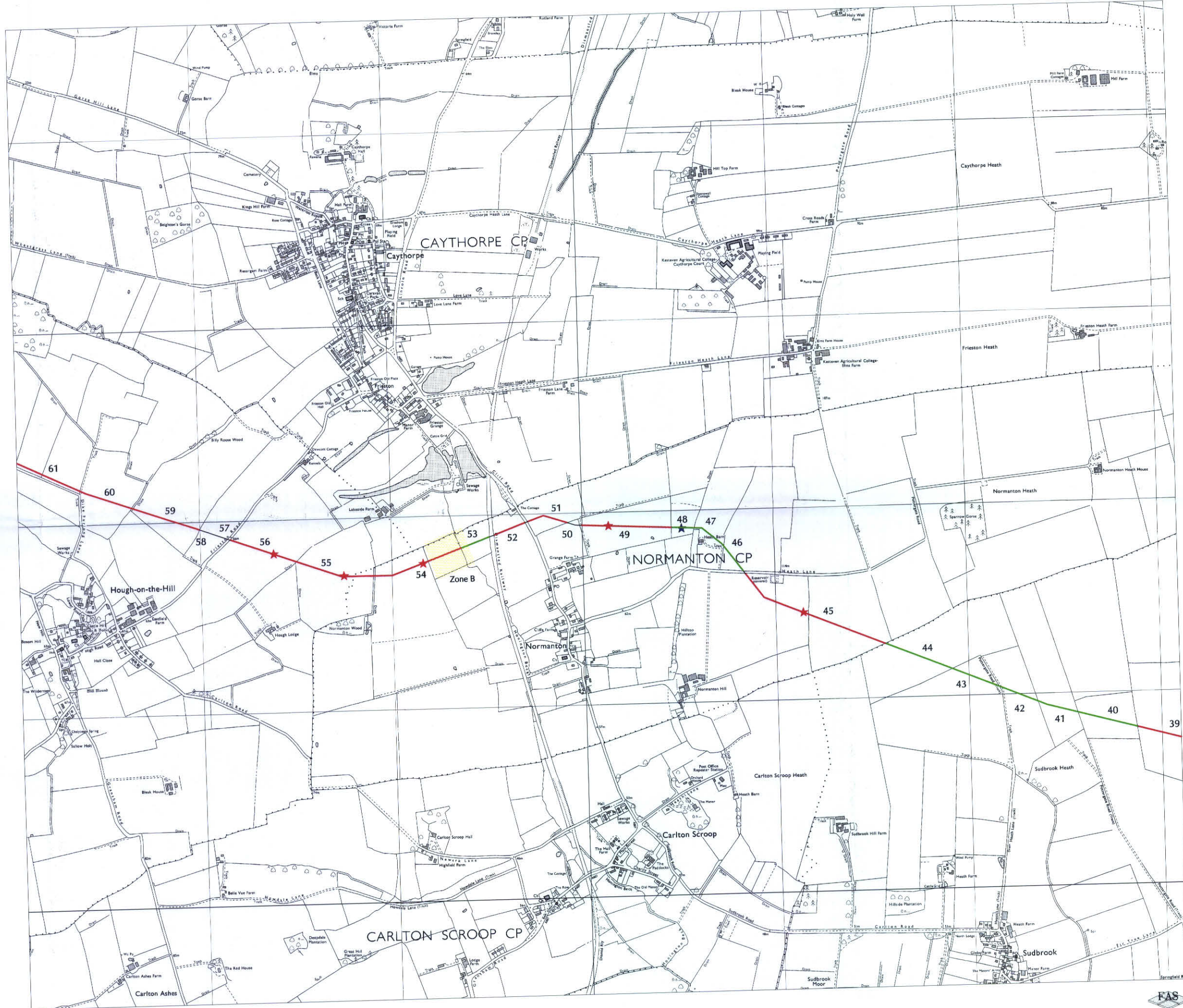
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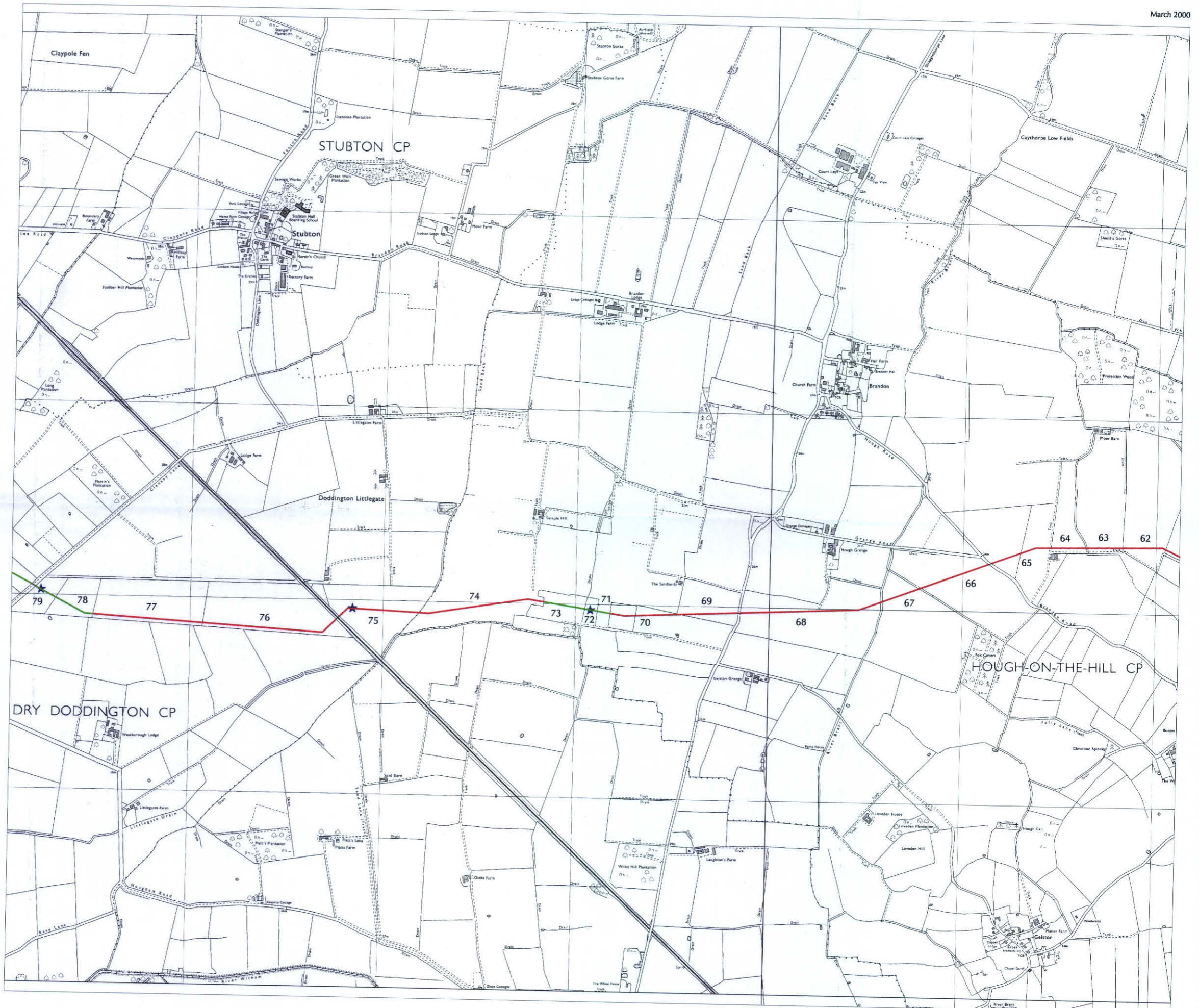
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