

**Bishopton Royal Ordnance Factory, Renfrewshire:
Archaeological Evaluation, Northern Access Road**

Data Structure Report

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Rathmell

Archaeology Ltd

Quality Assurance

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Date

In keeping with the procedure of Rathmell Archaeology Limited this document and its findings have been reviewed and agreed by an appropriate colleague:

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Overview

1. This Data Structure Report is for one portion of a larger programme of works required by BAE Systems Plc in respect to the remediation and enabling development of the Bishopton Royal Ordnance Factory. These archaeological works are designed to inform the mitigation of any impact on archaeological remains within the area designated the Northern Access Road (NAR).
2. Renfrewshire Council have required a programme of archaeological works to be undertaken as a requirement of the granted planning consents. The West of Scotland Archaeology Service (WoSAS) who advise Renfrewshire Council on archaeological matters has provided guidance on the structure of archaeological works required on this site during development works.
3. The study area, NAR, examined during these works was subject to the terms described in the Archaeological Mitigation Strategy (Rees & Talbot 2010). More specifically the work described in this report is covered by the section describing Greenfield development (Rees & Talbot 2010, Pages 11 to 15). This report covers only those evaluation works undertaken in NAR in compliance with the terms of Archaeological Mitigation Strategy.
4. The NAR is situated to the immediate north of the northern perimeter of the Bishopton Royal Ordnance Factory and is a Greenfield site used for both agrarian and pastoral farming. The assessment of the potential for adverse impact on previously unknown archaeological remains within the NAR was the purpose of this evaluation work. However, no archaeological sites are known to exist within the development area.
5. Rathmell Archaeology Ltd has been appointed to act with regard to the archaeological issue by BAE Systems Plc. The design and scope of the works has been agreed in consultation with West of Scotland Archaeology Service.

Project Works

6. A programme of archaeological works was undertaken from the Monday the 27th February to Monday the 19th March 2012 and included the excavation by machine of a series of evaluation trenches within the defined corridor of the route of the NAR in order to examine approximately 8% of that area (Figure 1). Typically the trenches were 50m long by 2m and placed in accordance with the terms of the Archaeological Mitigation Strategy (Rees & Talbot 2010) and according to a layout approved by West of Scotland Archaeology Service. In total 7248m² of trenching was excavated, slightly exceeding the required 7200m².
7. After discussion with WoSAS, it was agreed to further investigate an area around a feature for the possible presence of associated archaeological features. This was carried out from the 26th to the 29th March, with an area 40m by 40m centred on a feature being stripped of topsoil and inspected.
8. For a more detailed examination of the historical and archaeological background of Bishopton Royal Ordnance Factory and its surrounds please refer to Archaeological Mitigation Strategy (Rees & Talbot 2010, Pages 5 to 9) and other documents relating to this project.
9. All works were conducted in accordance with the Institute for Archaeologists' Standards and Policy Statements and Code of Conduct and Historic Scotland Policy Statements.

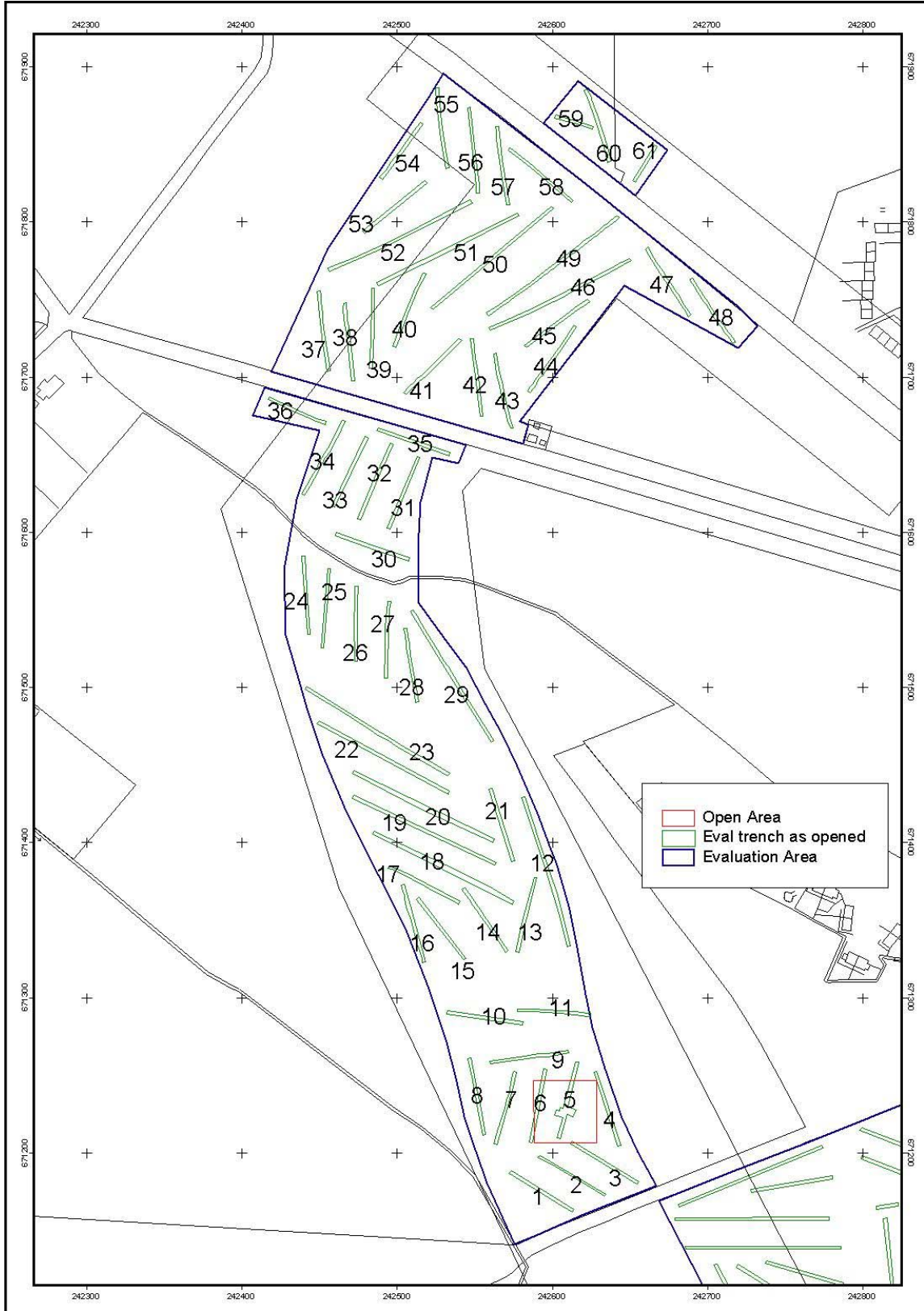


Figure 1: Trench Layout as machined



Figure 2a: Trench 5 from the WNW



Figure 2b: Trench 10 from the East with field drain evident in the trench bed



Figure 3a: Trench 37 from the South with plough scars evident in the foreground



Figure 3b: Trench 50 from the South

Findings: Evaluation

10. In total 61 evaluation trenches were excavated using a 13t 360° excavator; details of the trenches may be found in Appendix 1 of this document. Included below is a synthesis of the findings and interpretation from these trenches.
11. The study area consists of several agricultural fields, with the southern fields currently being used for crops and the northern fields for pasture. The topography is uneven with the ground oscillating from 25m OD to 55m OD. The trenches were excavated through turf and topsoil (001) which was mid brown silty humic soil with occasional small to medium sized sub rounded and sub angular stones. In general (001) was approximately 220-650mm in depth, though in general was 300mm.
12. All trenches were excavated to archaeologically sterile subsoil (e.g. Figure 3b). With very few exceptions subsoil was exposed along the entire length of each evaluation trench. The subsoil was generally a sand and/or gravel that varied slightly across the trenches in colour but was a variant of orange and/or brown.
13. Any potentially significant archaeological features were investigated and recorded according to the terms of the Archaeological Mitigation Strategy (Rees & Talbot 2010). However, after investigation the vast majority of the features uncovered in the course of the evaluation works could be attributed to agricultural practises on the site. Also common within the bed of the trenches was bioturbation, plough scars and stone heaves from ploughing. Another common feature found within the majority of trenches were field drains; rubble drain [006], ceramic [005], [007] and modern plastic [012], [023].
14. Several other features were investigated. [020] in Trench 28 at +31.5m, was a long oval feature in plan measuring 1.6m by 1.2m with loose topsoil fill with evidence of green grass mixed in. [024] and [026] were respectively found in Trench 42 at +29.2m and Trench 43 at +36.8m. Both were linear features with, in profile, vertical sides and flat base, measuring 600mm wide with large amounts of broken red bricks present. [027] was at +44.3m in Trench 43, it was circular in plan measuring 1.8m by 1.6m, with a short rectangular offshoot on the northern side. The fill consisted of a dark brown sandy silt fill with frequent sub-angular stone inclusions. Modern green and clear glass was also shards present, with cinder present within rectangular offshoot.
15. Only one feature of note was uncovered in Trench 5 at +17.8m (Figures 4a-b, 5a); [009] was a curvilinear feature placed mid slope that curved east to west and bowing to the north with the ends of the feature appearing to straighten out. It measured 12m in length, 400 to 600mm wide and 100 to 190mm in depth. With a V-shaped section the feature was filled by a firm brown orange clay silt with occasional rounded stone inclusions. Following a preliminary investigation of [009], an area 40m by 40m was topsoil stripped centred (NGR NS 4261 7123) on the curvilinear to establish the presence in any of associated archaeological features.
16. This open area revealed the entirety of [009] but didn't reveal any further significant archaeological features. Three slots 1m long were excavated along the length of the feature to characterise and sample it:
 - ❖ Slot A revealed [009] to be from 400-600mm wide and from 150-260mm deep with a orange brown clay silt fill with occasional medium sized sub rounded stone inclusions;
 - ❖ Slot B [009] was 450mm wide and 190mm deep with a comparable fill; and
 - ❖ Slot C [009] was 490mm wide and 180mm deep with a comparable fill to Slots A and B.
17. The open area exhibited extensive evidence of plough scaring suggesting a sever impact in this area from modern ploughing.



Figure 4a: Curvilinear [009] from the East, as originally exposed within the enlarged Trench 5



Figure 4b: Slot A through [009] from the North



Figure 5a: West facing section of Slot C [009]



Figure 5b: Open Area strip around [009] from West

Findings: Material

18. A total of 5 finds were recovered. These included 4 ceramic items and one lead object. Finds <1, 2, 4 and 5> were pieces of clay pipe stems and bowls. Finds <2 and 3> were recovered from the topsoil (001), while Find <5> was recovered from context (028). Find <3> was a sample representation for modern white glaze pottery and glass that was present within the topsoil across the site. Find <1> was a flat circular unmilled disc made of lead.

Discussion

19. The evaluation exposed a range of modern agricultural features such as ceramic, plastic and rubble drains. In addition a range of relatively modern features [020][204][026] & [027] were investigated; in each case the character of the cut or the fill suggest a very recent origin (in one case the fill contained fresh grass). The overall impression was of a landscape that has been intensively used for arable agriculture with the consequent truncation of the underlying surface of the drift geology.
20. Only one feature of potential archaeological significance was uncovered during the course of the evaluation works: the v-shaped section curvilinear ditch [009] in Trench 5. Given the form and nature of feature [009] it appears to be of antiquity, though its exact age is uncertain. However, the v-shaped section of the feature may indicate a Roman date, with v-shaped ditches common on Roman military sites. While this is not the only possible origin for a v-shaped ditch, the presence of the Whitemoss Roman fort (Canmore ID 43341) 1.2km to the northwest and Barochan Hill Roman Fort (Canmore ID 43107) 2.6km to the southwest would seem make this possibility more likely.
21. The curving nature of [009] would seem to indicate that it is the surviving corner of an enclosure. However, this is supposition as the feature represents a fragment of survival which is quite truncated being only 200mm in depth and lacking in datable material culture. In the absence of further archaeological features it is not possible to currently identify whether this is a fragment of a very large enclosure (e.g. temporary or construction camp) or a smaller enclosure (e.g. signal station). Certainly the survival of this fragment of ditch appears fortuitous within such an intensively used arable landscape.
22. It is also possible that while being of antiquity may have been formed at some other point other than during the Roman period.

Recommendations

23. Only one significant archaeological feature was located within the development area, all the other features observed were of either bioturbation or relating to the modern (20th century) use of the site as farmland. The significant archaeological feature was thoroughly investigated and a 40m by 40m open area strip undertaken to locate any associated archaeology, of which none were found.
24. On balance, given that the significant feature was competently investigated and the remaining features were of natural or modern origin, Rathmell Archaeology Ltd recommends that no further archaeological work be carried out within this portion of the development area.
25. The appropriateness and acceptability of our recommendations rest with Renfrewshire Council and their advisors, West of Scotland Archaeology Service.

Conclusion

26. A programme of archaeological works was required by BAE Systems PLC in respect to the remediation and enabling development of the Bishopton Royal Ordnance Factory These archaeological works are designed to inform the mitigation of any impact on archaeological remains within the area designated the Northern Access Road (NAR).

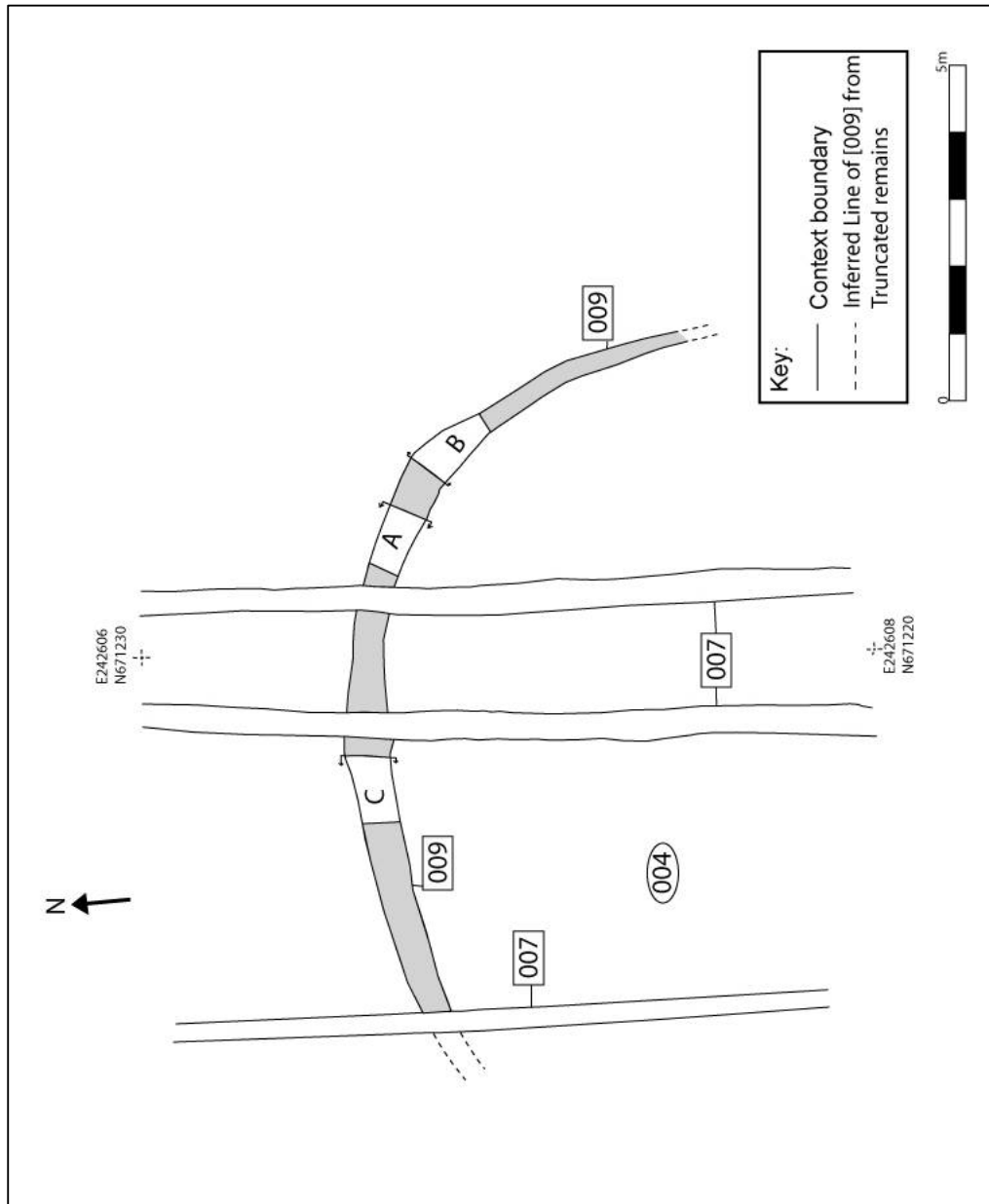


Figure 6: Plan of Feature [009] truncated by modern field drains [007]

27. Only one significant archaeological feature was located within the development area, a V-shaped curvilinear ditch which may represent a truncated fragment of survival from a Roman military ditch. This feature was thoroughly investigated with no material culture being present; it was also subject to an open area strip which did not uncover any associated archaeological features.

References

HM Government, 1979, *Ancient Monuments and Archaeological Areas Act*, HMSO

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Appendix 1: Trench Details

Within this appendix a standardised set of data pertaining to the evaluation trenches is presented. All measurement distances quoted along the trench are started from the end quoted first in the orientation of the trench. See Figure 1 for trench locations.

Trench	Orientation	Size	Topsoil Depth	Subsoil Character	Modern/Agricultural Features	Significant Features	Artefacts
1	North-West to South-East	2m by 49.4m	0.20m – 0.47m	Brown/orange silty clay subsoil (002) present through length of trench. Occasional patches of colour change and mottling within subsoil. Trench depth varies from 0.20 m – 0.47m.	3 linears of modern ceramic field drain (007) present at 6m, 23.5m and 39m. Orientated east to west. A slot through (007) in Tr.5 showed it to contain a ceramic pipe.	None.	None.
2	North-West to South-East	2m by 50.4m	0.21m – 0.36m	Grey/brown sandy silt subsoil (008) present to 10.1m becomes brown/orange silty clay (002) to 21m. Brown-orange silty sand (004) for remainder of trench.	5 linears of modern ceramic field drain (007) present 10.5m, 18m, 19m, 35.5m and 45m. Oriented west-north-west to east-south-east.	None.	None.
3	South-East to North-West	2m by 50.1m	0.2m – 0.38m	Brown/orange silt clay subsoil (002) present to 21.5m then becomes fine grey-pink sand (009) to 35m and becomes the brown orange silty sand (004) for remainder of trench.	8 linears of modern ceramic field drain (007) present at 3m, 12.5m, 20m, 29.5m, 33.5m, 38m, 46m and 49m. Orientated north-south.	None.	None.
4	North to South	2m by 51.2m	0.3m - 0.2m	Brown-orange silty sand (004) is the subsoil for the entirety of the trench.	None.	None.	None.
5	South-South-West to North-North-East	2m by 50.6m Plus extension, see description on right. **	0.3m – 0.29m	Brown/Orange silty clay subsoil (002) to 7m, then brown-orange silty sand (004) for the remainder of the trench. There is an interface between (002) and (004) from 3.5m-7m. ** An irregularly shaped extension, approximately 60m squared in area, was opened on the west and	5 modern ceramic field drains (007) present at 12m, 15m, 26m, 28m, and 45m. Orientated roughly north-south.	A linear, v-shaped ditch (009) with a pinkish-brown clay silt fill c180mm deep was exposed running West-North-West to East-South-East. The trench was extended several metres out on	None.

Trench	Orientation	Size	Topsoil Depth	Subsoil Character	Modern/Agricultural Features	Significant Features	Artefacts
				east edges of the trench between 14m and 21m, in order to ascertain the extent of feature (009)		each end which revealed that the feature was curvilinear.	
6	North-North-East to South-South-West.	2m by 50.5m	0.27m – 0.3m	Brown-orange silty sand (004) is the subsoil for the entirety of the trench.	5 modern ceramic field drains (007) orientated roughly North-South, entering the trench at 3.5m, 16.5m, 29m, and 12.5m.	None.	None.
7	North-North-East to South-South-West	2m by 50m	0.25m – 0.3m	Brown-orange silty sand (004) to 26.5m with brown/orange silty clay subsoil (002) present for the remainder of trench.	5 modern ceramic field drains (007) orientated roughly north-south, entering the trench at 0m, 11m, 22.5m, 33m, and 35m.	None.	None.
8	North to South	2m by 50m	c0.3 m	Brown/orange silty clay subsoil (002) is present throughout the trench.	Modern ceramic field drain (007) present to 10m. Orientated north-north-west to south-south-east. Modern ceramic field drain (007) present at 32m to 35m. Orientated north-west to south-east.	None.	None.
9	West to East	2m by 50.3m	0.25m - 0.28m	Brown-orange silty sand (004) is present throughout the trench.	7 modern ceramic field drains (007) present at 7m, 13m, 19.5m, 25m, 31m, 37.5m and 44m. Orientated north to south.	None	None
10	East to West	50m by 2m	0.23m - 0.34m	Brown-orange silty sand (004) is present throughout the trench.	Modern ceramic field drain (007) present at 4m. Orientated south-east to north-west. Modern ceramic field drain (007) present at 5.5m. Orientated south-east to north-west.	None	None

Trench	Orientation	Size	Topsoil Depth	Subsoil Character	Modern/Agricultural Features	Significant Features	Artefacts
					Three further modern ceramic field drains of (007) present at 3m, 12m, 16m. Orientated north-east to south-west. Two rubble filled field drains (006) running roughly north-south converge in the trench at 23m.		
11	East to West	48.5m by 2m	0.29m - 0.33m	Brown-orange silty sand (004) present throughout trench.	Three modern ceramic field drains of (007) present at 10m, 24m and 41m. Orientated north-east to south-west.	None.	None.
12	South to North	98.3m by 2m	0.3m - 0.35m	Brown-orange silty sand (004) is present the entire length of the trench.	Possible 20 th century linear ditch (012) present from 2m to 8.5m. Orientated north-west to south-east. Possible plough furrow (017) present at 17m. Orientated north-west to south-east. Curvilinear/ L-shaped agricultural drain/feature (013) present at 8m to 13m. Five modern ceramic field drains of (007) present at 45m, 48m, 58m, 84m and 95m. Orientated roughly north-west to south-east. Rubble curvilinear feature (014) present from 63m to 66m. Possibly modern in date. Feature extends from 63m for 1.7m from west to east and tightly curves back to west at 66m. There are several plough scars running roughly north-south present	None.	Clay pipe stem where the stem joins the bowl /002\ found in subsoil/top soil interface. Probably 19 th century.

Trench	Orientation	Size	Topsoil Depth	Subsoil Character	Modern/Agricultural Features	Significant Features	Artefacts
					throughout the trench.		
13	North-North-East to South-South-West.	48.4m by 2m	c 0.3m	Brown-orange silty sand (004) is present the entire length of the trench.	Four modern ceramic field drains of (007). Two drains, of which, are present at 10m and 20m run approximately north to south. One at 30m runs north-west to South-East. And another present from 35m to 48.3 is orientated south-west to north-east.	None.	None.
14	South-East to North-West	47.8m by 2m	0.26m - 0.35m	Brown-orange silty sand (004) is present the entire length of the trench.	Two modern ceramic field drains of (007) orientated north to south, present at 19m and 38m.	None	None.
15	South-East to North-West	48.3m by 2m	0.24m – 0.28m	Brown-orange silty sand (004) is present the entire length of the trench.	Three modern ceramic field drains of (007) are present at 8m, 26m, and 42m. Each orientated north to south.	None.	None.
16	South-East to North-West	50.5m by 2m	0.26m – 0.33m	Brown-orange silty sand (004) is present the entire length of the trench.	Small sub-circular area of dark soil and minerals, likely an area of manganese, present at 9m emerging from the north-east edge of the trench. Modern ceramic field drain (007) present at 47m. Orientated east to west. Possible modern ceramic field drain (007) present at 32m. Orientated east to west.	None	None
17	North-West to South-East	50.4m by 2m	0.17m – 0.31m	Brown-orange silty sand (004) is present the entire length of the trench.	Four modern ceramic field drains of (007) present at 14m, 22.5m, 24m and 31m. Orientated north-south. Faint	None.	None.

Trench	Orientation	Size	Topsoil Depth	Subsoil Character	Modern/Agricultural Features	Significant Features	Artefacts
					plough scars are visible in the south-east end of trench.		
18	East to West	99.5m by 2m	0.25m - 0.36m	Brown-orange silty sand (004) is present the entire length of the trench.	Significant areas of bioturbation and plough scarring visible throughout trench with the most substantial areas identified on plan. Modern ceramic field drain (007) present at 30m to 47m. Orientated east-south-east to west-north-west. Three modern ceramic field drains of (007) present at 62m, 70m and 86m. Each orientated north to south.	None.	None.
19	East to West	99.4m by 2m	0.26m - 0.35m	Brown-orange silty sand (004) is present the entire length of the trench.	Six modern ceramic field drains of (007) present at 29m, 37m, 44m 60m, 69m and 86m. Orientated north-south. Concentrated area of bioturbation and plough scars visible from 54m to 59m.	None.	None.
20	East to West	50m by 2m	0.26m – 0.32m	Brown-orange silty sand (004) is present the entire length of the trench.	Small area of dark mineral spread visible at 27m. Possible field drain (007) present at 42.5m. Orientated north-east to south-west. Occasional faint plough scars visible throughout trench.	None.	None.
21	South to North	49.5m by 2m	0.28m – 0.32m	Brown-orange silty sand (004) is present the entire length of the trench.	Two modern ceramic field drains of (007) present at 11m and 38m. Orientated north-west to south-east. Modern agricultural drainage cuts present at 41m, consist	None	None.

Trench	Orientation	Size	Topsoil Depth	Subsoil Character	Modern/Agricultural Features	Significant Features	Artefacts
					of two linears 0.30m wide extending from the west to east across trench. Both contained abundant coal/minerals.		
22	South- East to North-west.	96m by 2m	0.27m – 0.42m	Brown-orange silty sand (004) is present the entire length of the trench.	A linear plough furrow aligned north-west to south-east, 0.20m wide, extends from 8m across the centre of the entire trench. This plough furrow is truncated by fourteen separate linear features twelve which are modern ceramic drains of (007) present at 7m, 15m, 19m, 27m, 31m, 35m, 42m, 46m, 51m, 55m, 58.5m, and 67m. All orientated north-west to south-east. Large plough furrow (017) present at 74m, orientated north-west to south-east. Modern rubble drain (018) present at 85m. Orientated north-west to south-east.	None.	None.
23	East to West	107.6m by 2m	0.25m - 0.3m	Brown-orange silty sand (004) is present the entire length of the trench.	Twenty modern ceramic field drains of (007) present at 3m, 7m, 11m, 15m, 19m, 22m, 26m, 30m, 31m, 35m, 39m, 42m, 46m, 51m, 54m, 59m, 66m, 69m, 75m, 82m,97m, and103m. All orientated north to south. Plough furrow (017) present at 69m. Orientated north to south. Plough furrow (017) present at 75m.	None.	None.

Trench	Orientation	Size	Topsoil Depth	Subsoil Character	Modern/Agricultural Features	Significant Features	Artefacts
					Orientated north to south. Modern rubble drain (018) present at 76m. Orientated north to south. Modern test pit present at 85m.		
24	North-West to South-East	51m by 2m	c0.30m	Brown-orange silty sand (004) is present the entire length of the trench.	Modern rubble field drain (018) present at 11m. Orientated north to south. Modern ceramic field drain (007) present at 17m. Orientated north to south.	None.	None.
25	South-East to North-West	51.6m by 2m	0.30m – 0.36m	Brown-orange silty sand (004) is present the entire length of the trench.	Two modern ceramic field drains (007) present at 1m and 24m. Orientated north-west to south-east. Rubble field drain (018) present at 7.5m. Orientated south-south-west to north-north-east. Rubble field drain (018) present at 17m. Orientated south-west to north-east. Rubble field drain (018) present at 19m. Orientated west-south-west to east-north-east. Modern test pit present at 40m.	None.	None.
26	North-West to South-East	50m by 2m	0.26m – 0.3m	Brown-orange silty sand (004) is present the entire length of the trench.	Modern ceramic field drain (007) present at 13.5m. Orientated north to south. Rubble field drain (018) present at 21m. Orientated north-east to south west. Rubble field drain (018) present at 27m. Orientated north-east to south-west.	None.	None.

Trench	Orientation	Size	Topsoil Depth	Subsoil Character	Modern/Agricultural Features	Significant Features	Artefacts
					Rubble field drain (018) present at 34m. Orientated north to south. Rubble field drain (018) present at 43m. Orientated north to south.		
27	North to South	50.6m by 2m	0.24m – 0.3m	Brown-orange silty sand (004) is present the entire length of the trench.	Modern ceramic field drain (007) present at 18m. Orientated north to south. Modern ceramic field drain (007) present at 46m. Orientated north to south. Plough furrow (017) present at 26m. Orientated north to south.	None.	None.
28	North-North-West to South-South-East	51.3m by 2m	0.26m – 0.28m	Brown-orange silty sand (004) is the subsoil in the entirety of the trench.	Four linears of modern ceramic drain (007) present at 5m, 21.5m, 31m, 38m, 45m and 51.3m. All orientated north to south. Modern test pit (020) present at 32.5m.	None.	None.
29	South-South-East to West-North-West	102.6m by 2m	0.2m - 0.32m	Brown-orange silty sand (004) is the subsoil in the entirety of the trench.	Seven linears of modern ceramic field drain (007) are present 19m, 16m, 19m, 30m, 38.5m, 73m, and 88m. All orientated at north to south. Plough furrow (017) present at 90m. Orientated north to south.	None	None
30	North-West to South-East	51.9m by 2m	0.27m - 0.28m	Brown/orange silty clay subsoil (002) is the subsoil in the entirety of the trench	Possible plough linear scar (003) present at 13.5m Orientated north-west to south-east.	None.	None.
31	North-East to	56.7m	0.22m –	Brown/orange silty clay subsoil (002) is the subsoil for the North-	None.	None.	None.

Trench	Orientation	Size	Topsoil Depth	Subsoil Character	Modern/Agricultural Features	Significant Features	Artefacts
	South-West	by 2m	0.3m	Eastern 36m of the trench. Brown-orange silty sand (004) is the subsoil in the South-West.			
32	South-West to North-East	50.1m by 2m	0.33m – 0.36m	Brown/orange silty clay subsoil (002) is the subsoil for the entirety of the trench. The South-West half of the trench contained frequent regular sub-angular stones.	None.	None.	Flat, round, unmilled lead/lead alloy object. Possible gaming piece or token. /1\
33	North-East to South-West	51.5m by 2m	0.30m – 0.34m	Brown/orange silty clay subsoil (002) is the subsoil in the entirety of the trench. A band in the subsoil containing frequent large angular stones and boulders runs between 40m –47m.	None	None.	None.
34	South-West to North-East	50m by 2m	0.26m - 0.34m	Brown/orange silty clay subsoil (002) is the subsoil for the South-western 42m of the trench. Brown-orange silty sand (004) is the subsoil in the North-East.	None.	None.	None.
35	East-South-East to West-North-West	49.3m by 2m	0.30m - 0.42m	Brown-orange silty sand (004) is the subsoil for the East-South-Eastern 24m. Brown/orange silty clay subsoil (002) runs from 26.m to the West-North-West end of the trench. There is an interface layer in between.	Possible plough linear scar (003) present at 28m to 46m. Orientated south-east to north-west.	None.	None.
36	North-West to South-East	40.2m by 2m	0.30m – 0.37m	Brown-orange silty sand (004) is present the entire length of the trench yet the first 10.5 m of the trench contains more frequent sub-angular sub-rounded stones.	Modern agricultural field drain (005) present at 11m and orientated east to west. Rubble drain (006) on a similar alignment to (005) at	None.	None.

Trench	Orientation	Size	Topsoil Depth	Subsoil Character	Modern/Agricultural Features	Significant Features	Artefacts
					25m.		
37	South to North	53.1m by 2m	0.25m – 0.4m	Light orange compacted sand (021) to 24m becomes dark brown moderately compacted stony silt and possible waterlogged area (022) to 41.5m, subsequently reverts to light orange compacted sand (021) from 41.5 for remainder of trench.	Modern field drain (023) present from 29.5m to 31m. Orientated south-east to north-west.	None.	None.
38	North to South	50.1m by 2m	0.23m – 0.4m	Light orange compacted sand (021) till 12.5m, then a band of dark brown compact stony silt (002) to 30.5m Return to (021) for rest of trench.	Rubble field drain (006) present at 17m. Orientated south-west to north-east. Rubble field drain (006) present at 24m. Orientated north-west to south-east.	None.	None.
39	South to North	51.9 by 2m	0.25m – 0.4m	Light orange compacted sand (021) present throughout trench.	None.	None.	None.
40	North-East to South-West	50m by 2m	0.24m – 0.27m	Light orange compacted sand (021) present throughout trench.	None.	None.	None.
41	South-West to North-East	49.8m by 2m	0.26m – 0.36m	Brown-orange silty sand (004) is the subsoil in the entirety of the trench.	Occasional plough scars visible in south-western half of trench.	None.	None.
42	North-South	50.2m by 2m	0.26m – 0.38m	Light orange compacted sand (021) present throughout trench.	Modern rubbish linear trench (024) at 29.5m contained broken bricks that were 20 th century in character. Occasional plough scars visible throughout trench.	None.	None.
43	South to North	50.5m by 2m	0.23m – 0.26m	Light orange compacted sand (021) present to 13.5m. A band of underlying purple-grey bedrock (025) protruding through subsoil runs to 25.5m with (021) the	Small, rectangular modern pit (026) present at 37.5m; contained modern glass and is interpreted as a modern rubbish pit, perhaps related to (024). Large modern circular	None.	None.

Trench	Orientation	Size	Topsoil Depth	Subsoil Character	Modern/Agricultural Features	Significant Features	Artefacts
				subsoil for the remainder.	pit (027) present at 44m.		
44	South-West to North-East	51.9m by 2m	0.24m - 0.28m	Bands of natural bedrock (025) run from 0-4.5m and 11.5-15m enclosing a pocket of orange sandy subsoil (021). Brown-orange silty sand (004) is the subsoil for the remainder of the trench.	None.	None.	None.
45	North-East to South-West	50.1m by 2m	0.28m – 0.37m	Brown-orange silty sand (004) is the subsoil in the entirety of the trench.	None.	None.	None.
46	West-South-West to East-North-East	103.9m by 2m	0.2m – 0.4m	Light orange compacted sand (021) present to 69m. Natural bedrock (025) present from 69m – 75m. The remainder of the trench contains brown-orange silty sand (004).	Modern agricultural field drain (005) at 87m. Orientated south-south-west to north-north-east.	None.	None.
47	North-North-West to South-South-East	50.3m by 2m	0.3m – 0.4m	Brown-orange silty sand (004) is the subsoil in the entirety of the trench. (004) becomes particularly stony from 38.5 to 42.5m.	None.	None.	None.
48	South-South-East to North-North-West	51.3m by 2m	0.33m – 0.6m	Brown-orange silty sand (004) is the subsoil in the entirety of the trench.	None.	None.	None.
49	North-East to South-West	103.9m by 2m	0.3m – 0.55m	Brown-orange silty sand (004) is the subsoil in the entirety of the trench.	None.	None.	None.
50	North to South	102m by 2m	0.3m – 0.33m	Natural bedrock (025) present to 5m then brown-orange silty sand (004) subsoil present in the remainder of the trench.	4 linears of modern agricultural field drain (005) present at 15m, 38m, 61m and 78.3m. Orientated north-east to south-west.	None.	None.
51	South-West to	100.9m	0.28m -	Brown-orange silty sand (004) is	5 linears of modern	None.	None.

Trench	Orientation	Size	Topsoil Depth	Subsoil Character	Modern/Agricultural Features	Significant Features	Artefacts
	North-East	by 2m	0.34m	the subsoil in the entirety of the trench.	agricultural field drain (005) present at 25m, 52m, 68m, 95m and 99m. Orientated north to south.		
52	South-West to North-East	101m by 2m	0.28m – 0.32m	Brown-orange silty sand (004) present in the entirety of the trench. A 2.0m wide area of intense bioturbation at 8.0m represents plant growth, such as a bush or a tree within the subsoil (004).	2 linears of modern agricultural field drain (005) present at 61m and 89m. Orientated north to south.	None.	None.
53	South-West to North-East	50.2m by 2m	c0.28m	Brown-orange silty sand (004) is the subsoil in the entirety of the trench.	2 linears of modern agricultural field drain (005) present at 0m and 44m. Orientated north to south.	None.	None.
54	South-West to North-East	44m by 2m	0.29m – 0.36m	Brown-orange silty sand (004) is the subsoil in the entirety of the trench.	Modern agricultural field drain (005) present from 2m to 44m. Orientated south-south-west to north-north-east.	None.	Clay pipe stem /004\, unstratified from (001) topsoil.
55	South to North	51.8 by 2m	0.29m – 0.37m	Brown-orange silty sand (004) is the subsoil in the entirety of the trench. A small area of intense bioturbation present at c 13m.	Modern agricultural field drain (005) present at 3m and a rubble field drain (008) present at 26m. Orientated north-west to south-east alignment.	None.	None.
56	South to North	55.1m by 2m	0.27m – 0.65m	Brown-orange silty sand (004) runs from 0m to 14m, and 28m to 55.1m, enclosing a small extent of hard-packed light orange sand (021)	2 linears of modern agricultural field drain (005) present at 9m and 30m and rubble field drain (006) at 51m. Orientated north-west to south-east.	None.	None.
57	South to North	51.4m by 2m	0.22m – 0.61m	Light orange compacted sand (002) present to 20.5m and	Modern agricultural field drain (005) present at 7m to 12m.	None.	None.

Trench	Orientation	Size	Topsoil Depth	Subsoil Character	Modern/Agricultural Features	Significant Features	Artefacts
				becomes brown-orange silty sand (004) for remainder of trench.	Orientated north-east to south west which appears to truncate another linear possibly of field drain (005). Present from 7.5m to 9m extending a total of 1.5m towards north-east from south-west edge of trench before truncation by later drain and which the north-east half of the earlier drain is no longer visible and may have fully been destroyed by the later drain.		
58	South-East to North-West	52m by 2m	0.34m – 0.62m	Brown-orange silty sand (004) is the subsoil in the entirety of the trench.	None.	None.	None.
59	East to West	25m by 2.3m	0.25m – 0.4m	Brown-orange silty sand (028) is the present throughout the trench. A particularly rocky band of (028) is present between 16m and 21m, containing frequent angular stones and of a looser consistency caused possibly by better drainage.	None.	None.	None.
60	North to South	49.7m by 2.3m	0.34m – 0.2m	Brown-orange silty sand (028) is the subsoil in the entirety of the trench. Between 0m and 5m becomes redder in colour and from 31m to 38m (028) has more abundant stones.	Stonier area in subsoil (028) may be related to modern agricultural activity, e.g. patterns of ploughing/drainage.	None.	None.
61	North to South	27m by 2.3m	0.33m by 0.30m	Brown-orange silty sand (028) is the subsoil in the entirety of the	Modern ploughed area visible from 4m to 6m. Contained	None	Clay pipe bowl fragment

Trench	Orientation	Size	Topsoil Depth	Subsoil Character	Modern/Agricultural Features	Significant Features	Artefacts
				trench.	19 th and 20 th century finds.		/005\ from topsoil fill of depression in (028).
Open Area 1	-	40m by 40m	-	Brown/Orange compacted sand (002) present throughout trench.	Three linears of modern ceramic field drain (007) (orientated north-north-west to south-south-east) are visibly truncating curvilinear ditch (009) which curves gradually from the north west and is 18m in length. Plough furrows and stone heaves were also present is several locations throughout the area.	Trench 5 was expanded to fully expose curvilinear ditch (009) present at the centre of open area 1. (009) has 'V'-shaped sides and a sharp pointed base which are characteristically Roman attributes. Three slots placed in (009) represented the overall width of (009) to range from 0.25m to 0.40m and range between 0.15m to 0.19m in depth	None

Appendix 2: Registers

Within this appendix are all registers pertaining to works on-site regardless of the process by which that information was gathered (e.g. evaluation or strip, map & sample).

Context Register

Context No.	Area/Trench	Type	Description	Interpretation
001	All	Deposit	Firm mid-brown silty humic soil. With occasional small/medium sub-rounded and sub-angular stones. Average c300mm in depth.	Topsoil.
002	-	Deposit	Firm brown-orange silty sand with frequent sub-angular stones. Depth unknown.	Natural subsoil.
003	Tr.30	Deposit	Flat-bottomed vertical sided linear feature with brown-orange silty sand fill. On a North-West South-East alignment.	Possible mole plough furrow/scar or severely degraded field drain.
004	-	Deposit	Firm orange silty sand with frequent sub/rounded stones – Possibly the same as 002 but more orange in colour.	Natural Subsoil.
005	-	Deposit	Linear, flat-bottomed, vertical sided, cut feature on a North to South alignment. Contained a ceramic sub-cylindrical field drain. Truncated by (006) a further field drain on another alignment.	Ceramic field drain.
006	-	Deposit	Linear rubble filled, vertical sided flat bottomed linear feature on a North-west to South-East alignment. c300mm wide c220mm deep. Truncated by (005) in many places.	Rubble field drain.
007	-	Deposit	Linear, vertical-sided, flat-bottomed, cut feature with pinkish sandy silt fill. Ceramic pipe found when slot cut through feature. Found in several trenches and very consistent in character.	Ceramic field drain.
008	Tr.03	Deposit	Firm mottled grey/beige sandy silt. With occasional rounded pebble inclusions. Unknown depth.	Natural Subsoil.
009 (Slot A)	Tr.05	Deposit	Curvilinear feature, with even sides (approx. 45°) and V-shaped bottom. On a Roughly West-North-West to East-South-East alignment. 2000mm by 490mm as exposed in original trench (Tr. 05). 1000mm slot in central area of feature in Tr.05 (Slot A) revealed profile and depth of 180mm. Fill Firm, mid-brown-orange clay silt with occasional rounded stones/pebble. Truncated by field drain (007).	Unknown age and function. No finds recovered. Possibly roman in character.

Context No.	Area/ Trench	Type	Description	Interpretation
009 (Slot B)	Open Area 1	Cut/Fill	Curvilinear feature, with even sides (approx. 45°) and V-shaped bottom. On a Roughly West-North-West to East-South-East alignment. Slot B in eastern area of feature showed profile consistent with other slots. Fill Firm, mid-brown-orange clay silt with occasional rounded stones/pebbles, Sample No. 02. Slot 1000m long 450mm wide and 190mm deep.	Unknown age and function. No finds recovered. Possibly roman in character.
009 (Slot C)	Open Area 1	Cut/Fill	Curvilinear feature, with even sides (approx. 45°) and V-shaped bottom. On a Roughly West-North-West to East-South-East alignment. Slot C in western area of feature showed profile consistent with other slots. Fill Firm, mid-brown-orange clay silt with occasional rounded stones/pebbles, Sample No. 03. Slot 1050mm, 400-600mm wide 150-260mm deep.	Unknown age and function. No finds recovered. Possibly roman in character.
010	Tr.10	Cut	Oval/kidney shaped cut feature within subsoil (004), fill (011). 680mm x 550mm max in plan by 100mm deep. Sides curving and even in character with a c-shaped base. Western edge more sharply sloped. There was a first-sized rounded stone on a small pillar on natural in north-west of feature.	Age and function unknown possible pit or stone heave. Rounded stone on pillar of natural makes the feature seem possibly non-anthropogenic in character.
011	Tr.10	Deposit	Fill of oval shaped cut feature 011. Firm, homogenous, mid-brown silty sand with very occasional granule sized pebble inclusions. 100mm max depth, c 680mm x 500mm Max in plan.	Fill of cut feature 010, unknown function, probably natural.
012	Tr. 12	Deposit	Linear, vertical sided feature on an North-East to South-West alignment. Fill orange-pink silt, possibly redeposited subsoil (004). c900mm wide and over 300mm deep. The character of the feature strongly suggested that it had been mechanically excavated and it was therefore interpreted as a modern agricultural feature or service trench.	Modern field drain or services related feature.
013	Tr.12	Deposit	Curvilinear feature, rounded in plan 720mm wide 600mm deep. North cut vertical sided, south cut shallower (c40°) Base flat and even sloping downwards toward North. Feature may be truncated in south. Dark brown/grey clay silt fill with frequent small rounded pebble inclusions. 19 th century pottery and coal found within fill. Unknown function -possible truncated drain or other agricultural feature such as stone heave related to ploughing.	Unknown function but likely to be modern (19 th c?) in date. Probable agricultural in nature, truncated field drain or plough created feature.
014	Tr. 12	Deposit	Rubble-filled feature of irregular shape. Sub-circular cut in south with	Unknown. Probably agricultural feature such as

Context No.	Area/ Trench	Type	Description	Interpretation
			curvilinear 'tail' running approx. North to West. 2700mm total in length, 1000mm wide max and 200mm in depth. The cut is steep sided (c45°) with a relatively flat base (very slightly c-shaped in profile). Dark brown/grey clay silt with frequent large angular rubble inclusions. Widest area half sectioned.	soak away for field drain.
015	Tr. 14	Deposit	Irregular oval shaped cut feature with uneven sharp sides and irregular bottom. Small shelves of natural in cut may suggest uneven cutting or stones placed in cut. 1050mm long by 750mm wide by 300mm deep. Fill: dark brown mottled humic silt with occasional small pebble inclusions.	Unknown age and function. Probable stone heave.
016	Tr.21	Deposit	Small subrectangular rounded pit with shallow sides and rounded c-shaped base. Sides sharper in slope to the west shallow in north and east. Aligned North-South. 740mm long by 400mm and 90mm deep. Light grey/brown silty clay with occasional small pebble inclusions. Discolouration of underlying subsoil may suggest burning but no charcoal/coal was found	Unknown age and date. May potentially be bioturbation/tree throw.
017	Tr. 22	Deposit	Linear cut feature, 2000mm by 1000mm as exposed in trench, with even rounded edged with c-shaped base. On a roughly North-East to South-West alignment. Mid-brown slightly silty sand fill with occasional sub-rounded medium sized stone inclusions.	Likely post-medieval plough furrow.
018	Tr.22	Deposit	Linear vertical-sided, flat-bottomed feature 200mm wide 200m deep filled with medium sub-rounded/sub-angular stones with mid brown silt. On a roughly North-East to South-West alignment.	Modern field drain.
019	Tr. 29	Deposit	Sub-circular cut feature with flat bottom roughly 2000mm by 700mm as exposed in trench. Sides shallow to West-North-West, sharp elsewhere. Aligned roughly West-North-West to South-South-East. Mottled grey and black silty clay fill. Dark staining on edges and base of feature probably manganese, no charcoal coal recovered. Character and manganese staining suggest possible natural feature created by water flow/waterlogging.	Unknown age but probable natural feature.
020	Tr. 28	Deposit	Long, oval cut feature with mid-brown silty fill. 1600mm by 1200mm. Grass and other topsoil elements found in fill, very recent.	Recent site investigation test pit.

Context No.	Area/ Trench	Type	Description	Interpretation
021	Several	Deposit	Hard packed light orange sand.	Natural subsoil layer
022	Tr. 37,38	Deposit	Dark brown moderately compact silt with occasional to v. frequent sub-rounded and sub-angular medium sized stones < 120mm.	Area of natural waterlogging with some possible modern disturbance (see (023))
023	Tr. 37	Deposit	Linear cut feature with vertical sides and flat base 600mm wide and 370mm deep. Modern black plastic pipe c 120mm diameter found in bottom of feature.	Modern (Post 1950) field drain.
024	Tr. 42	Deposit	Linear vertical sided possible machine cut 650mm long. Containing very frequent broken modern bricks stamped 'Wishaw'.	Modern dump pit for bricks.
025	Several	Deposit	Purple-grey stone.	Natural Bedrock.
026	Tr. 43	Deposit	Linear cut feature c 600mm wide with vertical sides and flat base. Containing large amounts of modern ceramics.	Modern feature, perhaps part of modern dump pit (023).
027	Tr. 43	Deposit	Circular cut feature with rectangular offshoot 1.8m by 1.6m. Dark brown sandy silt fill with frequent sub-angular stone inclusions. Modern green and clear glass shards present, cinder present within rectangular offshoot.	Modern feature/disturbance. Possible rubbish pit.
028	Tr. 59, 60, 61	Deposit	Friable brown-orange sandy silty with frequent small sub angular stone inclusions. May be same as 004.	Natural subsoil with occasional ploughmarks/bioturbation.

Photographic Register

Image No.	Print		Slide		Digital	Description	From	Date
	Film No.	Neg. No.	Film No.	Neg. No.				
001					1	Tr. 30.	WNW	28/02/12

Image No.	Print		Slide		Digital	Description	From	Date
	Film No.	Neg. No.	Film No.	Neg. No.				
002					2	Tr. 34.	S	28/02/12
003					3	Tr. 35.	ESE	28/02/12
004					4	Tr. 31.	NE	28/02/12
005					5	Tr. 36.	NW	28/02/12
006					6	Tr. 32.	SW	28/02/12
007					7	Tr. 33.	NE	28/02/12
008					8	Tr. 36.	SE	28/02/12
009					9	Tr. 01.	W	28/02/12
010					10	Tr. 02.	NW	28/02/12
011					11	Tr. 02. Shot showing field drain (007)	W	28/02/12
012					12	Tr. 02. Detailed shot of (007) showing ceramic field drain in bottom of slot.	W	28/02/12
013					13	Tr. 03.	N	29/02/12
014					14	Tr. 04.	N	29/02/12
015	001	001	001	028	15	Tr. 05. General shot, showing (009)	WNW	29/2/12
016	001	002	001	029	16	Tr. 05. Close shot of WNW facing section in slot through (009)	WNW	29/02/12
017					17	Tr. 05	NNE	29/02/12
018					18	Tr. 06	NNE	29/02/12
019					19	Tr. 06. Close shot of (006) rubble filled drain.	NNE	29/02/12
020					20	Tr. 09.	W	29/02/12
021					21	Tr. 11.	E	29/02/12
022					22	Tr. 10.	E	29/2/12
023	1	3	1	30	23	Tr. 10. Close-up shot of possible pit.	W	1/03/12

Image No.	Print		Slide		Digital	Description	From	Date
	Film No.	Neg. No.	Film No.	Neg. No.				
024					24	Tr. 12.	S	1/03/12
025					25	Tr. 12.	N	1/03/12
026					26	Tr. 13	NW	1/03/12
027					27	Tr. 12. feature (014) showing slot.	N	2/03/12
028	1	4	1	31	28	Tr. 12 Feature (014) showing slot	S	2/03/12
029					29	T. 14.	SE	2/03/12
030	1	5	1	32	30	Tr. 14. Detail of half-section through pit	S	2/03/12
031					31	Tr. 15.	S	2/03/12
032					32	Tr. 16.	S	2/3/12
033					33	Tr. 17.	SE	2/3/12
034					34	Tr. 18.	E	2/3/12
035					35	Tr. 18.	W	2/3/12
036					36	Tr. 19.	E	2/3/12
037					37	Tr. 20.	E	5/2/12
038					38	Tr. 21.	S	5/03/12
039	1	6	1	33	39	Tr. 21. Shot of half section through (015).	E	5/03/12
040	1	7	1	34	40	Tr. 21. Shot of half section through (015)	SE	5/03/12
041					41	Tr. 24.	SSE	5/03/12
042	1	8	1	35	42	Shot of feature (019)	NNW	5/03/12
043					43	Tr. 29.	NNW	5/03/12
044					44	Tr. 28.	NNW	5/03/12
045					45	Tr. 27.	NNW	5/03/12
046					46	Tr. 26.	NNW	5/03/12

Image No.	Print		Slide		Digital	Description	From	Date
	Film No.	Neg. No.	Film No.	Neg. No.				
047	1	8	1	35	47	Tr. 05. Shot of feature (009).	SE	6/03/12
048	1	9	1	36	48	Tr. 05. Shot of feature (009)	SW	6/03/12
049	1	10	2	1	49	Tr. 05. Shot of feature (009)	E	6/03/12
050	1	11	2	2	50	Shot of slot through (009)	N	6/03/12
051	1	12	2	3	51	Shot of slot through (009)	S	6/03/12
052					52	Tr. 23.	SE	6/03/12
053					53	Tr. 25.	S	6/03/12
054					54	Tr. 24.	S	6/03/12
055					55	Tr. 37	S	13/03/12
056					56	Tr. 38	N	13/03/12
057					57	Tr. 39	S	14/03/12
058					58	Tr. 40	NE	14/03/12
059					59	Tr. 41	SW	14/03/12
060					60	Tr. 42	N	14/03/12
061					61	Tr. 42 Modern brick filled feature	NW	14/03/12
062					62	Tr. 43	S	14/03/12
063					63	Tr. 44	SW	14/03/12
064					64	Tr. 45	NE	14/03/12
065					65	Tr. 46	WSW	14/03/12
066					66	Tr. 47	NNW	14/03/12
067					67	Tr. 48	SSE	14/03/12
068					68	Tr. 49	NE	14/03/12
069					69	Tr. 50	S	15/03/12

Image No.	Print		Slide		Digital	Description	From	Date
	Film No.	Neg. No.	Film No.	Neg. No.				
070					70	Tr. 50	N	15/03/12
071					71	Tr. 51	SW	15/03/12
072					72	Tr. 51	NE	15/03/12
073					73	Tr. 52	N	15/03/12
074					74	Tr. 52	S	15/03/12
075					75	Tr. 53	S	15/03/12
076					76	Tr. 53	N	15/03/12
077					77	Tr. 54	SW	15/03/12
078					78	Tr. 55	S	15/03/12
079					79	Tr. 56	S	15/03/12
080					80	Tr. 57	S	15/03/12
081					81	Tr. 58	SE	15/03/12
082					82	Tr. 37	S	15/03/12
083					83	Tr. 59	E	19/03/12
084					84	Tr. 60	N	19/03/12
085					85	Tr. 61	N	19/03/12
086					86	General working shots – open area 1	-	28/03/12
087					87	General working shots – open area 1	-	28/03/12
088					88	General working shots – open area 1	-	28/03/12
089					89	General working shots – open area 1	-	28/03/12
090					90	General working shots – open area 1	-	28/03/12
091					91	General working shots – open area 1	-	28/03/12
092					92	General working shots – open area 1	-	28/03/12

Image No.	Print		Slide		Digital	Description	From	Date
	Film No.	Neg. No.	Film No.	Neg. No.				
093					93	General working shots – open area 1	-	28/03/12
094					94	Area shot of open area 1	NE	28/03/12
095					95	Area shot of open area 1	NW	28/03/12
096					96	Area shot of open area 1	SE	28/03/12
097					97	Area shot of open area 1	SW	28/03/12
098	1	34	2	15	98	Shot of slot C through V-shaped ditch	N	29/03/12
099	1	32	2	13	99	Slot C through V-shaped ditch West facing section	W	29/03/12
100	1	33	2	14	100	Slot B through V-shaped ditch	NE	29/03/12
101	1	34	2	15	101	Slot B East facing section	E	29/03/12

Drawing Register

Drawing No.	Sheet No.	Area/Trench	Drawing Type	Scale	Description	Drawer	Date
1	06	Tr. 01	Plan	1:100	Plan of Tr. 01	KJG	28/02/12
2	06	Tr. 02	Plan	1:100	Plan of Tr. 02	KJG	28/02/12
3	01	Tr. 03	Plan	1:100	Plan of Tr. 03	KJG	28/02/12
4	01	Tr. 04	Plan	1:100	Plan of Tr. 04	KJG	28/02/12
5	01	Tr. 05	Plan	1:100	Plan of Tr. 05	KJG	28/02/12
6	01	Tr. 06	Plan	1:100	Plan of Tr. 06	KJG	28/02/12
7	01	Tr. 07	Plan	1:100	Plan of Tr. 07	KJG	28/02/12
8	01	Tr. 08	Plan	1:100	Plan of Tr. 08	KJG	28/02/12
9	01	Tr. 09	Plan	1:100	Plan of Tr. 09	KJG	29/02/12
10	01	Tr. 10	Plan	1:100	Plan of Tr. 10	KJG	29/02/12
11	01	Tr. 11	Plan	1:100	Plan of Tr. 11	KJG	29/02/12

Drawing No.	Sheet No.	Area/Trench	Drawing Type	Scale	Description	Drawer	Date
12	02	Tr. 12	Plan	1:100	Plan of Tr. 12	KJG	29/02/12
13	02	Tr. 13	Plan	1:100	Plan of Tr. 13	KJG	1/03/12
14	02	Tr. 14	Plan	1:100	Plan of Tr. 14	KJG	1/03/12
15	02	Tr. 15	Plan	1:100	Plan of Tr. 15	KJG	1/03/12
16	02	Tr. 16	Plan	1:100	Plan of Tr. 16	KJG	1/03/12
17	02	Tr. 17	Plan	1:100	Plan of Tr. 17	KJG	2/03/12
18	03	Tr. 18	Plan	1:100	Plan of Tr. 18	KJG	2/03/12
19	03	Tr. 19	Plan	1:100	Plan of Tr. 19	KJG	2/03/12
20	03	Tr. 20	Plan	1:100	Plan of Tr. 20	KJG	2/03/12
21	03	Tr. 21	Plan	1:100	Plan of Tr. 21	KJG	5/03/12
22	03	Tr. 22	Plan	1:100	Plan of Tr. 22	KJG	5/03/12
23	05	Tr. 23	Plan	1:100	Plan of Tr. 23	KJG	5/03/12
24	04	Tr. 24	Plan	1:100	Plan of Tr. 24	KJG	5/03/12
25	04	Tr. 25	Plan	1:100	Plan of Tr. 25	KJG	5/03/12
26	05	Tr. 26	Plan	1:100	Plan of Tr. 26	KJG	6/03/12
27	05	Tr. 27	Plan	1:100	Plan of Tr. 27	KJG	6/03/12
28	05	Tr. 28	Plan	1:100	Plan of Tr. 28	KJG	6/03/12
29	05	Tr. 29	Plan	1:100	Plan of Tr. 29	KJG	6/03/12
30	06	Tr. 30	Plan	1:100	Plan of Tr. 30	KJG	28/02/12
31	06	Tr. 31	Plan	1:100	Plan of Tr. 31	KJG	28/02/12
32	06	Tr. 32	Plan	1:100	Plan of Tr. 32	KJG	28/02/12
33	06	Tr. 22	Plan	1:100	Plan of Tr. 33	KJG	28/02/12
34	06	Tr. 34	Plan	1:100	Plan of Tr. 34	KJG	28/02/12
35	06	Tr. 35	Plan	1:100	Plan of Tr. 35	KJG	28/02/11

Drawing No.	Sheet No.	Area/Trench	Drawing Type	Scale	Description	Drawer	Date
36	06	Tr. 36	Plan	1:100	Plan of Tr. 36	KJG	28/02/11
37	05	Tr. 05	Plan	1:100	Plan of Extension to Tr.05	KJG	06/03/12
38	07	Tr. 37	Plan	1:100	Plan of Tr. 37	DG	13/03/12
39	07	Tr. 38	Plan	1:100	Plan of Tr. 38	DG	14/03/12
40	07	Tr. 39	Plan	1:100	Plan of Tr. 39	DG	14/03/12
41	07	Tr. 40	Plan	1:100	Plan of Tr. 40	DG	14/03/12
42	07	Tr. 41	Plan	1:100	Plan of Tr. 41	DG	14/03/12
43	07	Tr. 42	Plan	1:100	Plan of Tr. 42	DG	14/03/12
44	07	Tr. 43	Plan	1:100	Plan of Tr. 43	DG	14/03/12
45	07	Tr. 44	Plan	1:100	Plan of Tr. 44	DG	14/03/12
46	07	Tr. 45	Plan	1:100	Plan of Tr. 45	DG	14/03/12
47	8	Tr. 46	Plan	1:100	Plan of Tr. 46	DG	14/03/12
48	8	Tr. 47	Plan	1:100	Plan of Tr. 47	DG	14/03/12
49	8	Tr. 48	Plan	1:100	Plan of Tr. 48	DG	14/03/12
50	8	Tr. 49	Plan	1:100	Plan of Tr. 49	DG	14/03/12
51	8	Tr. 50	Plan	1:100	Plan of Tr. 50	KJG	15/03/12
52	8	Tr. 51	Plan	1:100	Plan of Tr. 51	KJG	15/03/12
53	9	Tr. 52	Plan	1:100	Plan of Tr. 52	KJG	15/03/12
54	9	Tr. 53	Plan	1:100	Plan of Tr. 53	KJG	15/03/12
55	9	Tr. 54	Plan	1:100	Plan of Tr. 54	KJG	15/03/12
56	9	Tr. 55	Plan	1:100	Plan of Tr. 55	KJG	15/03/12
57	9	Tr. 56	Plan	1:100	Plan of Tr. 56	KJG	15/03/12
58	9	Tr. 57	Plan	1:100	Plan of Tr. 57	KJG	15/03/12
59	9	Tr. 58	Plan	1:100	Plan of Tr. 58	KJG	15/03/12

Drawing No.	Sheet No.	Area/ Trench	Drawing Type	Scale	Description	Drawer	Date
60	10	Tr. 59	Plan	1:100	Plan of Tr. 59	KJG	19/03/12
61	10	Tr. 60	Plan	1:100	Plan of Tr. 60	KJG	19/03/12
62	10	Tr. 61	Plan	1:100	Plan of Tr. 61	KJG	19/03/12
63	11	Open Area	Plan	1:50	Plan of open area round feature 009	KJG	29/03/12

Finds Register

Find No.	Area/ Trench	Context No.	Material Type	Description	Excavator	Date
1	32	001	Pb/ Pb alloy?	Flat, round unmilled, Pb obj. Possible token or gaming piece?	KJG	06/03/12
2	12	001	Ceramic	Clay pipe stem and part of bowl.	DG	06/03/12
3	All	001	Ceramic	Modern ceramics/glass – general representative sample	KJG	15/03/12
4	54	001	Ceramic	Clay pipe stem	KJG	15/03/12
5	61	028	Ceramic	Clay pipe bowl fragment. Found in poss. plough furrow	KJG	19/03/12

Sample Register

Find No.	Area/ Trench	Context No.	Sample Type	Description	Excavator	Date
1	05	004	Bulk	Bulk sample of fill of context 009, slot A.	DG	06/03/12
2	Open Area 1.	009	Bulk	Bulk sample of fill of context 009 slot B	KG	29/03/12
3	Open Area 1.	009	Bulk	Bulk sample of fill of context 009 slot C.	DG	29/03/12

Appendix 3: Discovery & Excavation in Scotland

LOCAL AUTHORITY:	Renfrewshire
PROJECT TITLE/SITE NAME:	Bishopton Royal Ordnance Factory
PROJECT CODE:	RA10002
PARISH:	Erskine
NAME OF CONTRIBUTOR:	Douglas Gordon
NAME OF ORGANISATION:	Rathmell Archaeology Limited
TYPE(S) OF PROJECT:	Evaluation
NMRS NO(S):	None
SITE/MONUMENT TYPE(S):	Enclosure
SIGNIFICANT FINDS:	None
NGR (2 letters, 6 figures)	NS 4254 7149
START DATE (this season)	27 th February 2012
END DATE (this season)	29 th March 2012
PREVIOUS WORK (incl. DES ref.)	None
MAIN (NARRATIVE) DESCRIPTION: (may include information from other fields)	<p>A programme of archaeological works was required by BAE Systems PLC in respect to the remediation and enabling development of the Bishopton Royal Ordnance Factory These archaeological works are designed to inform the mitigation of any impact on archaeological remains within the area designated the Northern Access Road (NAR).</p> <p>Only one significant archaeological feature was located within the development area, a V-shaped curvilinear ditch which may represent a truncated fragment of survival from a Roman military ditch. This feature was thoroughly investigated with no material culture being present; it was also subject to an open area strip which did not uncover any associated archaeological features.</p>
PROPOSED FUTURE WORK:	None
CAPTION(S) FOR ILLUSTRS:	None
SPONSOR OR FUNDING BODY:	BAE Systems Plc
ADDRESS OF MAIN CONTRIBUTOR:	Unit 8 Ashgrove Workshops, Kilwinning, Ayrshire KA13 6PU
E MAIL:	contact@rathmell-arch.co.uk
ARCHIVE LOCATION (intended/deposited)	Report to West of Scotland Archaeology Service and archive to RCAHMS Collections

Contact Details

28. Rathmell Archaeology can be contacted at our Registered Office or through the web:
- | | |
|---------------------------|--|
| Rathmell Archaeology Ltd | www.rathmell-arch.co.uk |
| Unit 8 Ashgrove Workshops | |
| Kilwinning | t.: 01294 542848 |
| Ayrshire | f.: 01294 542849 |
| KA13 6PU | e.: contact@rathmell-arch.co.uk |
29. The West of Scotland Archaeology Service can be contacted at their office or through the web:
- | | |
|--------------------------------------|--|
| West of Scotland Archaeology Service | www.wosas.org.uk |
| Charing Cross Complex | |
| 20 India Street | t.: 0141 287 8332/3 |
| Glasgow | f.: 0141 287 9259 |
| G2 4PF | e.: enquiries@wosas.glasgow.gov.uk |

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