# Bishopton Royal Ordnance Factory, Renfrewshire: Archaeological Evaluation, Southern Access Road

Data Structure Report

by Douglas Gordon

Issued 30<sup>th</sup> April 2012



## Quality Assurance

This report covers works which have been undertaken in keeping with the issued brief as modified by the agreed programme of works. The report has been prepared in keeping with the guidance of Rathmell Archaeology Limited on the preparation of reports. All works reported on within this document have been undertaken in keeping with the Institute for Archaeologists' Standards and Policy Statements and Code of Conduct.

Signed .....

Date .....

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

Checked .....

Date .....

Copyright Rathmell Archaeology Limited. All rights reserved.

No part of this report may be copied or reproduced by any means without prior written permission from Rathmell Archaeology Limited. If you have received this report in error, please destroy all copies in your possession or control and notify Rathmell Archaeology Limited.

This report has been prepared for the exclusive use of the commissioning party and unless otherwise agreed in writing by Rathmell Archaeology Limited, no other party may use, make use of or rely on the contents of the report. No liability is accepted by Rathmell Archaeology Limited for any use of this report, other than the purposes for which it was originally prepared and provided.

Opinions and information provided in the report are on the basis of Rathmell Archaeology Limited using due skill, care and diligence in preparation of the same and no explicit warranty is provided as to their accuracy. It should be noted and it is expressly stated that no independent verification of any of the documents or information supplied to Rathmell Archaeology Limited has been made.

## Contents

Overview	3
Project Works	3
Findings: Evaluation	6
Findings: Material	6
Discussion	6
Recommendations	
Conclusion	
References	
Appendix 1: Trench Details	9
Appendix 2: Registers	17
Context Register	
Photographic Register	
Drawing Register	
Finds Register	
Appendix 3: Discovery & Excavation in Scotland	
Contact Details	

## Figures

Figure 1: Trench Layout as machined	4
Figure 2a: Trench 5 from the East	5
Figure 2b: Trench 9 from the West	5
Figure 3a: Trench 21 from the West South West	7
Figure 3b: Trench 25 from the South West	7

## 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 Southern Access Road (SAR).
- 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, SAR, 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 SAR in compliance with the terms of Archaeological Mitigation Strategy.
- 4. The SAR is situated to the east of the Bishopton Royal Ordnance Factory and to the immediate south of Barrangary Farm and is a Greenfield site used for both agrarian and farming. The assessment of the potential for adverse impact on previously unknown archaeological remains within the SAR 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 21<sup>st</sup> March to the 29<sup>th</sup> March 2012 and included the excavation by machine of a series of evaluation trenches within the defined corridor of the route of the SAR 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 2788m<sup>2</sup> of trenching was excavated, slightly exceeding the required 2700m<sup>2</sup>.
- 7. 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.
- 8. All works were conducted in accordance with the Institute for Archaeologists' Standards and Policy Statements and Code of Conduct and Historic Scotland Policy Statements.

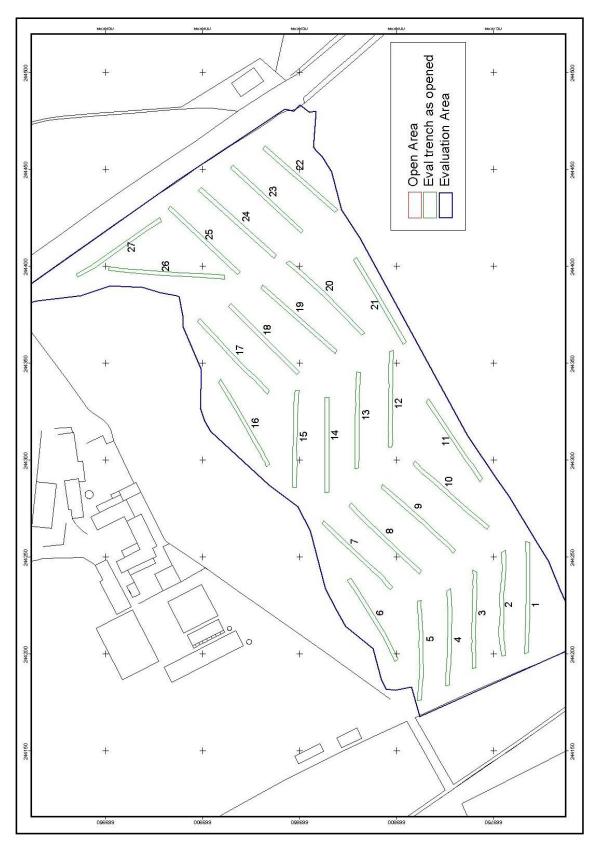


Figure 1: Trench Layout as machined



Figure 2a: Trench 5 from the East



Figure 2b: Trench 9 from the West

## Findings: Evaluation

- 9. In total 27 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.
- 10. The study area consisted of an agricultural field that rises from 10m OD in the east to 25m OD in the west of the field. The trenches were excavated through ploughsoil (001) which was a mid-brown clay silt with sub-angular stone inclusions and highly abundant modern glass, ceramic and occasional plastic. In general (001) was approximately 180-600mm in depth, though in general was 300mm.
- 11. All trenches were excavated to archaeologically sterile subsoil. With very few exceptions subsoil was exposed in along the entire length of each evaluation trench. The subsoil was in general an orange brown sand (002), (004), (007) that varied slightly across the trenches in colour.
- 12. Very few features were observed in the course of the evaluation works. All those which were exposed were investigated according to the terms of the Archaeological Mitigation Strategy (Rees & Talbot 2010). The vast majority of trenches contained rubble [007] and ceramic field drains [003], with the frequency of occurrence increasing toward the east of the field with was down slope. Obviously there had been some attempt in the late 19<sup>th</sup> or 20<sup>th</sup> century to improve the drainage of the area.
- 13. Only modern material was found in association with these features; this included small fragments of modern glass and modern pottery.

### Findings: Material

- 14. A total of 6 finds were recovered. These were all recovered from the topsoil and include modern glass and ceramic sherds <1> & <3>, a clay pipe stem fragment <2> and a shilling coin dated to AD1958. The more significant finds were two lithics <4> & <5>, which were pieces of possibly worked chert <4> and flint <5>.
- 15. As mentioned above the ploughsoil contain a large amount of modern detritus, of which the finds recovered are a sample.

#### Discussion

- 16. No significant archaeology was uncovered in the course of the evaluation. All potential archaeological features were investigated and were revealed to be the result of modern agricultural practise. The only thing of archaeological significant recovered from the site were finds <4> and <5>. These lithics could show the possibility of prehistoric activity within the site; however the presence of large amounts of detritus within the ploughsoil, where these finds were also recovered from, throws a large amount of doubt on the study area being the origin of these finds.
- 17. The presence of the large amounts of detritus is due to middening until relatively recent times from material transported from nearby Glasgow (*pers comm*. Mr Ritchie). As such it is a high likelihood of these finds having been brought in with the rest of the material from Glasgow.



Figure 3a: Trench 21 from the West South West



Figure 3b: Trench 25 from the South West

## Recommendations

- 18. No significant archaeological remains were located within the development area and the only anthropic material observed suggested modern (19<sup>th</sup> and 20<sup>th</sup> century) use of the site as agricultural land. All of those features investigated were the result of modern disturbance and archaeologically sterile drift geology was reached in all trenches.
- 19. The appropriateness and acceptability of our recommendations rest with Renfrewshire Council and their advisors, West of Scotland Archaeology Service.

#### Conclusion

- 20. A programme of archaeological works was required by BAE Systems PLC in respect to the of a proposed 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 Southern Access Road (SAR).
- 21. No significant archaeological remains were located within the area and no anthropic material was recovered other then would suggest modern (19<sup>th</sup> and 20<sup>th</sup> century) use of the site.

#### References

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

Historic Scotland, 2008, Scottish Historic Environment Policy

Renfrewshire Council, 2006, Renfrewshire Local Plan 2006

Rees, T & Talbot, G., 2010, *Bishopton Royal Ordnance Factory, Renfrewshire: Archaeological Mitigation Strategy*, Rathmell Archaeology Ltd

Scottish Office: Environment Department, 1994, Planning Advice Note 42: Archaeology

Scottish Government, 2010, Scottish Planning Policy

Ritchie, Pers Comms 2012

## 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
01	East to west	2m by 55.5m	400mm – 580mm	Orange-brown sandy clay subsoil (002) is the subsoil for the entirety of the trench.	None.	None.	None
02	East to west	2m by 51.5m	340mm – 440mm	Orange-brown sandy clay subsoil (002 is the subsoil for the entirety of the trench. There was an indistinct area of ash/charcoal at 8m which is interpreted as possible burning or a dump of burnt material. However this was not a cut feature.	None.	None.	None.
03	East to west	2m by 50.2m	330mm – 410mm	Orange-brown sandy clay subsoil (002) is the subsoil for the entirety of the trench. An area of intense plough scarring within the subsoil was observed between 3m and 9m.	An area of intense plough scarring within the subsoil was observed between 3m and 9m.	None.	None.
04	East to west	2m by 50m	240mm- 370mm	Orange-brown sandy clay subsoil (002) is the subsoil for the entirety of the trench.	None.	None.	None.
05	East-south- east to west- south- west	2m by 50.5m	310mm – 410mm	Orange-brown sandy clay subsoil (002) is the subsoil for the entirety of the trench.	A small circular depression with a fill of (001) containing modern glass and ceramics was observed at 25m, this is interpreted as a modern stone heave. 4 ceramic field drains (003) were present; 3 on an north-south alignment at 29m, 38.5m, 45m; and 1 on an east-west alignment at 31.5m. A linear vertical sided cut feature (004) interpreted as a modern service related feature was present	None.	None.

Trench	Orientation	Size	Topsoil Depth	Subsoil Character	Modern/Agricultural Features	Significant Features	Artefacts
					at 30m.		
06	West to east	2m by 49.5m	310m – 430m	Orange-brown sandy clay subsoil (002) is the subsoil until 45m. The remainder is a light orange-brown sandy silt subsoil (004)	None.	None.	None.
07	West to east	2m by 50m	310m – 400m	Orange-brown sandy clay subsoil (002) is the subsoil from 0m – 25.5 metres and 39m to 50m. A patch of light orange-brown sandy silt subsoil (004) runs from 25.5m – 39m.	None.	None.	None.
08	West to east	2m by 51m	310m- 410m	Orange-brown sandy clay with sub- angular stone inclusions (002) present to 20m becomes a light orange-brown sandy silt (004) to 32m then reverts to orange-brown sandy clay (002) with sub-angular stone inclusions for remainder of trench. A 1.0m gap between 9.5m to 10.5 was not excavated due an obstruction caused by a large boulder.	Modern ceramic field drain (003) was present at 4.5m to 5m. Orientated north-north-west to south-south-east.	None.	None.
09	West to east	2m by 51.5	280mm – 360mm	Orange-brown sandy clay with sub- angular stone inclusions (002) present throughout trench.	Modern ceramic field drain (003) present at 4.0m to 5m. Orientated north-north-west to south-south-east. Modern ceramic field drain (003) present at 30m to 35m with both ends of the drain quite ephemeral in nature likely caused by ploughing. Orientated north-east to south-west. A section of modern ceramic field drain (003) present at 40m to 47.5m	None.	None.
010	East to west	2m by 51m	360mm - 370mm	Orange-brown sandy clay with sub- angular stone inclusions (002)	Small spread area of dark patchy soil, likely manganese present at	None.	None.

RA10002 Bishopton Royal Ordnance Factory – Archaeological Evaluation SAR

Trench	Orientation	Size	Topsoil Depth	Subsoil Character	Modern/Agricultural Features	Significant Features	Artefacts
				present throughout trench.	8.3m. Modern ceramic field drain (003) present at 32m to 32.5m. Orientated north to south.		
011	West-south- west to east- north-east	2m by 52m	310mm- 490mm	Orange-brown sandy clay with sub- angular stone inclusions (002) present throughout trench.	Modern ceramic field drain (003) present at 28m to 28.5m. Orientated north-south. Modern ceramic field drain (003) present at 33m to 33.5m. Orientated north-south.	None.	None.
012	West to east	2m by 51.2m	160mm- 480mm	Light greyish brown compact clay with sub-angular stone inclusions (005) present throughout trench. Particularly rocky patch of subsoil (005) present from 8m to 10m.	Modern ceramic field drain (003) possibly present at 28m to 28.5m. Orientated north-west to south-east. Modern ceramic field drain (003) present at 39m to 40.3m. Orientated north-west to south-east.	None.	None.
013	West to east	2m by 52m	300mm - 350mm	Orange-brown sandy clay with sub- angular stone inclusions (002) present to 23m becomes light greyish brown compact clay with sub-angular stone inclusions (005) and is present throughout remainder of trench. 1.0m patch of compact natural clay present at 8.2m to 9.2m.	Modern ceramic field drain (003) present at 11m to 13.3m. Orientated north-west to south-east. Modern ceramic field drain (003) present at 40.5m to 42.3m. Orientated north- west to south-east. Fragment of ceramic field drain, possibly that of (003), present at 48m.	None.	None.
014	West to east	2m by 50m	350mm – 500mm	Orange-brown sandy clay with sub- angular stone inclusions (002) present throughout trench.	Rubble field drain (006) present at 22m to 23m. Orientated north-west to south-east. Rubble field drain (006) present at 36m to 39m. Orientated west to east. The eastern end of this drain is part of another linear of rubble field drain (006) present at 38.5m to 40m, orientated north-east to south-west. Again, linears of rubble field drain (006) are present at 47m to 48.5m and 47m to 50m. The first being orientated north-east to	None.	None.

Trench	Orientation	Size	Topsoil Depth	Subsoil Character	Modern/Agricultural Features	Significant Features	Artefacts
					south-west and the latter east-north- east to west-south-west, both linears join to form a 'V' shape.		
015	West to east	2m by 51m	390mm- 450mm	Orange-brown sandy clay with sub- angular stone inclusions (002) present throughout trench.	Modern ceramic field drain (003) present at 19.7m to 20.7m. Orientated north-west to south-east. Modern ceramic field drain (003) present at 22.7m to 24.2m. Orientated north-west to south-east. Modern ceramic field drain (003) present at 27m to 28m. Orientated north-east to south-west. Modern ceramic field drain (003) present at 33m to 34.5m. Orientated north-west to south-east. Modern ceramic field drain (003) present at 42m to 44.5m. Orientated west-north-west to east- south-east.	None.	None.
016	South-west to north-east	2m by 51.7m	310mm- 410mm	Orange-brown sandy clay with sub- angular stone inclusions (002) present throughout trench.	Possible modern ceramic field drain (003) present at 29m to 30m. Orientated north-west to south-east. Possible charcoal spread/linear visible from 39.5 to 40m extending north-west to south-east across trench.	None.	None.
017	South-west to north-east	2m by 51.7m	350mm – 360mm	Orange-brown sandy clay with sub- angular stone inclusions (002) present throughout trench.	None.	None.	None.
018	South-west to north-east	2m by 51.2m	390mm – 440mm	Orange-brown sandy clay with sub- angular stone inclusions (002) present throughout trench. 1.5m wide area of natural fine gravel present at 24.5m extends north- west to north-east across trench.	None.	None.	None.

Trench	Orientation	Size	Topsoil Depth	Subsoil Character	Modern/Agricultural Features	Significant Features	Artefacts
019	South-west to north-east	2m by 52m	370mm – 400mm	Orange-brown sandy clay with sub- angular stone inclusions (002) present throughout trench.	Plough furrow present at 6.2m to 7.2m, orientated north-west to south- east containing 19 <sup>th</sup> /20 <sup>th</sup> century finds. Rubble field drain (006) present at 18m to 20m. Orientated west-north-west to east-south-east. Rubble field drain (006) present at 20.5m to 23.5m. Orientated west- north-west to east-south-east. Rubble field drain (006) present at 30m to 37.5m. Orientated west to east. Modern ceramic field drain (003) present at 42.5m to 43m. Orientated north-north-west to south- south-east. Rubble field drain (006) present at 47m to 52m. Orientated south-south-west to north-north-east. Modern ceramic field drain (003) is possibly present at 50.5m to 51.5m. Orientated north-north-west to south- south-east. Extending only 1.0m south-south-east in trench.	None.	None.
020	South-west to north-east	2m by 54m	350mm- 400mm	Orange-brown sandy clay with sub- angular stone inclusions (002) present throughout trench.	Rubble field drain (006) present at Om to 4m. Orientated south-west to north-east. A maximum of 0.30m of this particular section of (006) extends north-west from the south- eastern edge of the trench. Modern ceramic field drain (003) present at 7m to 7.3m. Orientated north-west to south-east. Modern ceramic field drain (003) present at 10.9m to 11.5m. Orientated north-north-west to south-south-east. Modern ceramic field drain (003) present at 17.7m to 18.3m. Orientated north-north-west to south-south-east. Modern ceramic	None.	None.

Trench	Orientation	Size	Topsoil Depth	Subsoil Character	Modern/Agricultural Features	Significant Features	Artefacts
					field drain (003) present at 22.2m to 22.5m. Orientated north-north-west to south-south-east. Modern ceramic field drain (003) present at 23.3m to 24m. Orientated north-north-west to south-south-east. Modern ceramic field drain (003) is possibly present at 36.2m to 36.7m. Orientated north- north-west to south-south-east. Modern ceramic field drain (003) present at 40.8m to 41.2m. Orientated north-north-west to south- south-east. Rubble field drain (006) present at 42m to 45m. Orientated west to east. Rubble field drain (006) present at 47m to 47.5m. Orientated north-west to south-east. Modern ceramic field drain (003) present at 50.5m to 51m. Orientated north-west to south-east.		
021	West-south- west to east- north-east	2m by 51.5m	290mm- 380mm	Light greyish brown compact clay with sub-angular stone inclusions (005) present throughout trench.	Modern ceramic field drain (003) present at 28m to 28.5m. Orientated north-north-west to south-south-east. Modern ceramic field drain (003) present at 36m to 36.5m. Orientated north-north-west to south-south-east. Modern ceramic field drain (003) present at 44.5m to 44.9m. Orientated north-north-west to south- south-east. Modern ceramic field drain (003) present at 48.5m to 48.8m. Orientated north-north-west to south-south-east.	None.	None.
022	South-west to north-east	2m by 50m	300mm- 400mm	Orange-brown sandy clay with sub- angular stone inclusions (002) present to 6m. Between 6m to 9m	Rubble field drain (006) present at 29.7m to 30.2m. Orientated north-west to south-east.	None.	None.

Trench	Orientation	Size	Topsoil Depth	Subsoil Character	Modern/Agricultural Features	Significant Features	Artefacts
				is a disturbed interface layer possibly truncated by modern draining. From 9m subsoil is (007) which is mottled yellow/orange fine loose sand with occasional degraded stone inclusions.			
023	West-south- west to east- south-east	2m by 49.5m	260mm – 380mm	Light greyish brown compact clay with sub-angular stone inclusions (005) present to 21m. Mottled yellow/orange fine loose sand with occasional degraded stone inclusions (007) present in remainder of trench.	Modern ceramic field drain (003) present at 5m to 5.5m. Orientated north-north-west to south-south-east. Modern ceramic field drain (003) present at 9.5m to 10m. Orientated north-north-west to south-south-east. Rubble field drain (006) present at 23.5m to 24m. Orientated north- north-west to south-south-east. Rubble field drain (006) present at 28m to 28.5. Orientated north-north- west to south- south-east.	None.	None.
024	South-west to north-east	2m by 50.5m	330mm- 430mm	The first 4.0m is waterlogged then becomes light greyish brown compact clay with sub-angular stone inclusions (005) until 16m when the trench then again becomes waterlogged to 21m, then becomes mottled yellow/orange fine loose sand with occasional degraded stone inclusions (007) for remainder of trench.	Modern ceramic field drain (003) present at 7m to 7.5m. Orientated north-west to south-east. Modern ceramic field drain (003) present at 11m to 11.3m. Orientated north-west to south-east. Rubble field drain (006) present at 12m to 15.5m. Orientated south to north. Rubble field drain (006) present at 23m to 23.5m. Orientated north-west to south-east. Rubble field drain (006) present at 24.5m to 25m. Orientated north-west to south-east. Rubble field drain (006) present at 30m to 32m. Orientated south to north.	None.	None.
025	South-west to north-east	2m by 49m	410mm- 580mm	Light greyish brown compact clay with sub-angular stone inclusions (005) present to 13m then becomes	Rubble field drain (006) extends from the south-west edge of the trench at 0m and gently curves to the south-	None.	None.

Trench	Orientation	Size	Topsoil Depth	Subsoil Character	Modern/Agricultural Features	Significant Features	Artefacts
				mottled yellow/orange fine loose sand with occasional degraded stone inclusions (007) for remainder of trench.	east edge of the trench at 8.0m. This curvilinear section of (006) truncates two linears of modern ceramic field drain (003). The first present at 1.4m to 1.6m extends from the south-east edge of the trench to a length of 1.0m before it is cut by curvilinear (006). The second linear of (003) is present at 3.3m to 3.5m and is also cut by curvilinear (006) at a length of 1.3m from the south-east edge of the trench. Modern ceramic field drain (003) present at 14.9m to 15.2m. Orientated north-east to south-west.		
026	West to east	2m by 58m	430mm- 480mm	Light greyish brown compact clay with sub-angular stone inclusions (005) present to 11m then becomes orange-brown sandy clay with sub- angular stone inclusions (002) to 40m which then becomes mottled yellow/orange fine loose sand with occasional degraded stone inclusions (007) to 47m and subsequently reverts back to orange-brown sandy clay with sub- angular stone inclusions (002) for remaining 11m of the trench.	None.	None.	None.
027	South-east to north-west	2m by 58m	400mm- 660mm	Orange-brown sandy clay with sub- angular stone inclusions (002) present throughout trench.	None.	None.	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	Туре	Description	Interpretation
001	ALL	Deposit	Firm, mid-brown clay silt with sub-angular stone inclusions with very frequent modern glass, ceramic and plastic present. C180mm-600mm deep.	Ploughsoil
002	-	Deposit	Firm, orange-brown sandy clay with frequent small sub-angular stone inclusions. Natural subsoil mainly found in well drained areas.	Subsoil
003	-	Feature/cut	Sub-cylindrical ceramic field drain (c70mm in diameter) in shallow linear vertical-sided flat bottomed trench within subsoil. Dark brown slay silt fill with occasional small stones 400mm deep max.	Ceramic field drain
004	-	Deposit	Friable light orange-brown silty sand with frequent small sub-angular and sub-rectangular stones. Occasional gravel and sand patches. Natural subsoil found in some eastern areas of the site.	Subsoil
005	-	Deposit	Compact light grey/brown compact clay with sub-angular stone inclusions.	Subsoil
006	-	Feature/Cut	Linear vertical sided, flat-bottomed cut feature c250mm wide. Dense sub-angular rubble fill in a brown sandy silt matrix. C200mm-450mm wide 200mm deep. Field drains of a similar character found in large numbers across the site on several alignments.	Rubble field drain
007	-	Deposit	Mottled yellow-orange fine loose sand with occasional degraded sandstone inclusions.	Subsoil

## Photographic Register

Image No.	Digital	Description	From	Date
001				00/00/40
001	1	General shot of evaluation Tr.01	E	26/03/12
002	2	General shot of evaluation Tr.02	E	26/03/12
003	3	General shot of evaluation Tr.03	E	26/03/12
004	4	General shot of evaluation Tr.04	E	26/03/12
005	5	General shot of evaluation Tr.05	E	26/03/12
006	6	Trench 05 Possible pit, dark brown cut feature. Interpreted as stone heave.	E	26/03/12
007	7	General shot of evaluation Tr.06	E	26/03/12
008	8	General shot of evaluation Tr.07	W	26/03/12
009	9	General shot of evaluation Tr.08	W	26/03/12
010	10	General shot of evaluation Tr.09	W	26/03/12
011	11	General shot of evaluation Tr.10	W	26/03/12
012	12	General shot of evaluation Tr.11	W	26/03/12
013	13	General shot of evaluation Tr.12	W	26/03/12
014	14	General shot of evaluation Tr.13	W	26/03/12
015	15	General shot of evaluation Tr.14	W	26/03/12
016	16	General shot of evaluation Tr.15	W	26/03/12
017	17	General shot of evaluation Tr.16	SW	27/03/12
018	18	General shot of evaluation Tr.17	SW	27/03/12
019	19	General shot of evaluation Tr.18	SW	27/03/12
020	20	General shot of evaluation Tr.19	SW	27/03/12
021	21	General shot of evaluation Tr.20	SW	27/03/12
022	22	General shot of evaluation Tr.21	WSW	27/03/12

Image No.	Digital	Description	From	Date
023	23	General shot of evaluation Tr.22	SW	27/03/12
024	24	General shot of evaluation Tr.23	SW	27/03/12
025	25	General shot of evaluation Tr.24	SW	27/03/12
026	26	General shot of evaluation Tr.25	SW	27/03/12
027	27	General shot of evaluation Tr.26	W	27/03/12
028	28	General shot of evaluation Tr.27	SE	27/03/12
029	29	(003)- Trench. 23 Typical field drain.	NE	27/03/12
030	30	(006) in Trench 25. Typical rubble field drain.	N	27/03/12
031	31	(006) in Trench 25. Typical rubble field drain, excavated slot.	N	27/03/12
032	32	General area shots of site.	E	27/03/12
033	33	General area shots of site.	E	27/03/12
034	34	General area shots of site.	W	27/03/12
035	35	General area shots of site.	W	27/03/12
036	36	General area shots of site.	SE	27/03/12

RA10002 Bishopton Royal Ordnance Factory – Archaeological Evaluation SAR

#### Drawing Register

Drawing No.	Sheet No.	Area/ Trench	Drawing Type	Scale	Description	Drawer	Date
1	1	1	Plan	1:100	Plan of Evaluation Tr.01	KG	26/03/12
2	1	2	Plan	1:100	Plan of Evaluation Tr.02	KG	26/03/12
3	1	3	Plan	1:100	Plan of Evaluation Tr.03	KG	26/03/12
4	1	4	Plan	1:100	Plan of Evaluation Tr.04	KG	26/03/12
5	1	5	Plan	1:100	Plan of Evaluation Tr.05	KG	26/03/12

©2012 Rathmell Archaeology Ltd, Page 19 of 28

Drawing No.	Sheet No.	Area/ Trench	Drawing Type	Scale	Description	Drawer	Date
6	1	6	Plan	1:100	Plan of Evaluation Tr.06	KG	26/03/12
7	1	7	Plan	1:100	Plan of Evaluation Tr.07	KG	26/03/12
8	1	8	Plan	1:100	Plan of Evaluation Tr.08	KG	26/03/12
9	1	9	Plan	1:100	Plan of Evaluation Tr.09	KG	26/03/12
10	1	10	Plan	1:100	Plan of Evaluation Tr.10	KG	26/03/12
11	1	11	Plan	1:100	Plan of Evaluation Tr.11	KG	26/03/12
12	2	12	Plan	1:100	Plan of Evaluation Tr.12	KG	27/03/12
13	2	13	Plan	1:100	Plan of Evaluation Tr.13	KG	27/03/12
14	2	14	Plan	1:100	Plan of Evaluation Tr.14	KG	27/03/12
15	2	15	Plan	1:100	Plan of Evaluation Tr.15	KG	27/03/12
16	2	16	Plan	1:100	Plan of Evaluation Tr.16	KG	27/03/12
17	2	17	Plan	1:100	Plan of Evaluation Tr.17	KG	27/03/12
18	2	18	Plan	1:100	Plan of Evaluation Tr.18	KG	27/03/12
19	2	19	Plan	1:100	Plan of Evaluation Tr.19	KG	27/03/12
20	2	20	Plan	1:100	Plan of Evaluation Tr.20	KG	27/03/12
21	3	21	Plan	1:100	Plan of Evaluation Tr.21	KG	28/03/12
22	3	22	Plan	1:100	Plan of Evaluation Tr.22	KG	28/03/12
23	3	23	Plan	1:100	Plan of Evaluation Tr.23	KG	28/03/12
24	3	24	Plan	1:100	Plan of Evaluation Tr.24	KG	28/03/12
25	3	25	Plan	1:100	Plan of Evaluation Tr.25	KG	28/03/12
26	3	26	Plan	1:100	Plan of Evaluation Tr.26	KG	28/03/12
27	3	27	Plan	1:100	Plan of Evaluation Tr.27	KG	28/03/12

#### RA10002 Bishopton Royal Ordnance Factory – Archaeological Evaluation SAR

#### Finds Register

Find No.	Area/ Trench	Context No.	Material Type	Description	Excavator	Date
1	Unstrat.	001	Ceramic	Modern Ceramic x 2 from Topsoil	DiG	23/03/12
2	Unstrat.	001	Ceramic	Clay pipe stem fragment.	DiG	23/03/12
3	Unstrat.	001	Glass	Modern glass bottle base x 1	DiG	23/03/12
4	Unstrat.	001	Lithic	Fragment of chert possibly worked.	DiG	23/03/12
5	Unstrat.	001	Lithic	Fragment of flint, material probably foreign to site.	DiG	23/03/12
6	Unstrat.	001	Cu Alloy.	1 Shilling piece (1958)	DiG	23/03/12

## Appendix 3: Discovery & Excavation in Scotland

LOCAL AUTHORITY:	Renfrewshire		
PROJECT TITLE/SITE NAME:	Bishopton Royal Ordnance Factory, Renfrewshire		
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):	None		
SIGNIFICANT FINDS:	None		
NGR (2 letters, 6 figures)	NS 4433 6980		
START DATE (this season)	21 <sup>st</sup> March 2012		
END DATE (this season)	29 <sup>th</sup> March 2012		
PREVIOUS WORK (incl. DES ref.)	None		
MAIN (SARRATIVE) DESCRIPTION: (may include information from other fields)	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 Southern Access Road (SAR).		
	No significant archaeological remains were located within the area and no anthropic material was recovered other then would suggest modern (19 <sup>th</sup> and 20 <sup>th</sup> century) use of the site.		
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

22. Rathmell Archaeology can be contacted at our Registered Office or through the web:

Rathmell Archaeology Ltd Unit 8 Ashgrove Workshops Kilwinning Ayrshire KA13 6PU www.rathmell-arch.co.uk

- t.: 01294 542848
- f.: 01294 542849
- e.: contact@rathmell-arch.co.uk
- 23. 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

End of Document