

New Distillery Site, Lagg, North Ayrshire: Archaeological Evaluation

Data Structure Report



by Liam McKinstry

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on behalf of Isle of Arran Distillers

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Quality Assurance

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Contents

Introduction	3
Historical and Archaeological Background	3
Project Works.....	3
Findings.....	4
The limekiln S18	4
Agricultural features	5
Modern Pit.....	5
Discussion	8
Recommendations	12
Conclusion	12
Acknowledgements	12
References	12
Appendix 1: Trench Details.....	13
Trench Summary	13
Appendix 2: Registers.....	27
Context Register.....	27
Drawing Register	30
Photographic Register	34
Appendix 3: Discovery & Excavation in Scotland	39
Contact Details	40

Figures

Figure 1: Plan of evaluation trench layout.....	6
Figure 2: Plan of limekiln [021] and retaining wall [015].....	7
Figure 3a: Pre excavation view of the evaluation area. From the N.....	9
Figure 3b: Post excavation view of Trench 61. From the NW.....	9
Figure 4a: Mid excavation view of pit [011]. From the N.....	10
Figure 4b: Post excavation view of Kiln [021] & retaining wall [015]. From the SW.	10
Figure 5a: Close up view of flue within kiln [021]. From the E.	11
Figure 6b: Close up view of projecting walls [025] & [026] of Kiln [021]. From the S	11

Introduction

1. This Data Structure Report has been prepared for Isle of Arran Distillers in support of the new Distillery Site in Lagg, North Ayrshire. These archaeological works are designed to mitigate any adverse impact on the archaeological remains within the development area. The proposed area for development is situated on open farmland to the west of Lagg that has been assessed to have archaeological potential.
2. These works were required by North Ayrshire Council as a condition of planning consent. Isle of Arran Distillers agreed, after consultation with the West of Scotland Archaeology Service, the structure of archaeological works appropriate on this site through a Written Scheme of Investigation (Rees 2016). Rathmell Archaeology Limited was appointed by Isle of Arran Distillers to undertake the archaeological evaluation at the New Distillery, Lagg, North Ayrshire in keeping with the specification they had agreed with the planning authority and the West of Scotland Archaeology Service.

Historical and Archaeological Background

3. The development area covers an agricultural field to the west of Clachaig farm. The field is triangular on plan, and measures roughly 470m from NW to SE by 285m (maximum) transversely, covering an area of ground measuring approximately 8.8ha in extent. The agricultural ground rises from around 40m AOD at its southwestern limit, upwards to its northern boundary at approximately 60m AOD.
4. The field is bounded on its western edge by an unnamed and canalised drain or watercourse which runs in a N-S direction, with its NE edge defined by the public road and a farm track both of which are bounded by hedges, either in conjunction with ditches or slight walling. In contrast, to the S lies another agricultural field with the fields demarked by a robust, substantial drystone wall.
5. A full Historic Environment Appraisal was undertaken within the design and development stages of the project, cognisance of this appraisal is assumed within this document:
 - ❖ Rees, T & Turner, L 2016 *Site to West of Clachaig Farm, Kilmory, North Ayrshire: Historic Environment Appraisal*, unpublished commercial report by Rathmell Archaeology Ltd
6. This appraisal identified that there are no archaeological sites protected by designation within the study area, which comprised the proposed development area with a 200m buffer. Nine non-designated sites were identified, two former dwellings (**S1** and **S8**), two findspots of Neolithic stone axes (**S2** and **S3**), Clachaig farm **S4**, the prehistoric barrow known as Ossian's Mound **S5**, a track and disused quarry **S6**, a dam **S7** and an industrial structure **S18**. Of these, three sites (**S6**, **S8** and **S18**) had the potential to be subject to a direct impact from the development, but these are not significant effects.

Project Works

7. This archaeological evaluation, undertaken between 21st and 30th November 2016, was carried out in keeping with the methods detailed in the Written Scheme of Investigation (Rees 2016).
8. The objective was to determine the presence or absence of archaeological deposits that might be affected by construction work. The available portion of the development area which was to be subject to an evaluation was 8ha. The West of Scotland Archaeology Service required an 8% trial trenching sample of the area, hence a target of 6400m² of trenching. The WSI agreed 64 trenches 2m x 50m trenches with a proposed layout (Figure 1).
9. Slight adjustments were made to the size and layout of the trenches during the trenching due to waterlogged ground conditions. Because of this a total of 6474.4m² was excavated which was slightly more than the required 8% within the development area.
10. All works were conducted in accordance with the Chartered Institute for Archaeologists' Standards and Policy Statements and Code of Conduct and Historic Environment Scotland

Policy Statements.

Findings

11. In total, 64 evaluation trenches were excavated across the available portion of the development area (Figures 1 and 3a), using a tracked 360° mechanical excavator with a toothless 2m ditching bucket.
12. The topsoil within the site, (001), consisted of moderately compacted, mid grey brown clayey silt with occasional small stones and very infrequent 19th and 20th ceramic inclusions (white glazed white earthen ware and blue/white transfer printed ware). The main subsoil identified within the majority of the evaluation area, (002), consisted of firmly compacted, mid orange-red sandy clay with frequent small to medium stone inclusions (Figure 3b).
13. On the lower ground of the western part of the evaluation site the subsoil character was different, being a moderately compacted, friable, mid grey-pink silty sand with occasional small sub-angular stone inclusions (007). There was also a naturally occurring build-up of deposits in this area, (009) and (008), which may have been the result of hillwash but also may have been partly due to the nearby quarry, farm road and kiln (Figures 1 and 2). These layers consisted of loosely compacted, brown-grey silty clay with frequent charcoal fleck inclusions and loosely compacted, grey-black silty clay with infrequent charcoal fleck inclusions respectively.
14. The majority of the archaeological features identified within the evaluation area were located to the west of the farm road (Figure 1). No artefacts were recovered during the excavation of the evaluation trenches.

The limekiln S18

15. In the south western part of the site Trenches 8 and 21 investigated site **S18** that had been identified by the preceding Historic Environment assessment:

Site inspection identified a 3m fragment of lime mortared wall running E-W that appeared to be the N wall of a demolished structure that had been revetted into raised ground to the N and E. The overall revetted structure may have been approximately 16m N-S and 8m E-W based on landform. A level apron, 16m N-S and 9.5m transversely lay to the immediate W of the structure. This structure is not shown on any consulted maps. Rees & Turner 2016

16. The trenches revealed the remains of what has been interpreted as a stone built kiln, [021]. This structure appeared to be set within an anthropic depression cut into the slope falling to the W from the farm road (Figure 1).
17. The ends of these trenches were extended so as to understand the full extent and shape of the kiln (Figures 2 and 4b). The extension revealed that the kiln structure was sub-rectangular shaped in plan though its WNW wall was missing. The entire structure was orientated in a NNE-SSW direction and was constructed for the most part with sub-rounded and sub-rectangular shaped, flat stones (300-550mm long, 250-500mm wide and 200-250mm thick) with mortar bonding (3-4 courses high on the NNE, 3 course on the ESE and 1 course on the SSW wall).
18. The inner face of the NNE wall was lined with brick and mortar (Figures 2 and 6b) though it was unclear how much of the wall face it covered or if it covered the other walls. The NNE wall was 1.7m wide and had a height range of 750-850mm. The ESE wall was 1.33m wide and had a height range of between 500-720mm. The SSW wall was 1.55-1.73m wide and had a height range of between 50-100mm. Two parallel projecting walls, [025] and [026], of equal dimensions projected from the outer face of the SSW wall (Figures 2 and 5b). Each of these walls was 1.4m long and 0.9m wide and had a range in height of between 50-250mm. The space between these two walls was 2.15m and was filled by rubbish/waste material (024). The overall size of the kiln was 7.6m from NNE-SSW (9m when the projecting walls [025] and [026] were included) and 4.7m from WNW-ESE (though with the missing WNW wall it may have been more). The remains of a narrow opening (filled

with a mix of burnt limestone, topsoil and roots) was located at the SSW end of the ESE wall (Figures 2 and 5a). This opening was through the upper course of the wall and had a width of 0.3-0.34m and a depth of 250-260mm. The interior of the kiln structure was filled by a burnt sand layer (022) and the whole structure was built upon the natural subsoil (007) (Figures 2 and 4b).

19. Two layers of rubbish/waste material (010) and (013), were identified within Trench 8 to the immediate W of the kiln, [021] (Figure 2). The largest of these layers, (010), consisted of a mix of topsoil, (001), with frequent (up to 90%) large ceramic field drain fragments. The layer was 500mm thick and ran for 16m from the E end of Trench 8. The smaller of these rubbish/waste layers, (013), was mixed in with this layer and consisted of loosely compacted, light yellow-white sand with frequent small limestone fragments (50-150mm in size). The layer had a width of 2.5m. Both of these layers underlay another, (016), which consisted of loosely compacted, mid grey-brown silty clay with frequent medium sized angular stone and ceramic drain fragment inclusions. This layer abutted parts of the kiln [021] and retaining wall [015]. It also overlay rubbish/waste layers (010) and (016).
20. To the immediate E of the kiln, [021], was a drystone constructed retaining wall, [015]. This wall (Figures 2 and 4b) was linear shaped in plan and was orientated in a NNE-SSW direction. It consisted for the most part of a single course of medium sized, sub-rounded and sub-rectangular shaped stones which measured 300-550mm long, 250-500mm wide and 200-250mm thick. The overall length of the wall was 5.4m, the width of the wall was 0.25-0.5m and the wall had a height range of between 0.2-0.63m (though only the last 1-2m at the SSW end of the wall was over 0.25m in height). The wall was built into the natural subsoil (007) and against or abutted the natural subsoil (002). The wall ran parallel to the ESE wall of the kiln structure [021], 2.3-2.4m from it.

Agricultural features

21. All other features identified within the evaluation area were of an agricultural nature. The main type of feature identified was rubble filled drains, (006), which consisted of linear shaped cuts in plan filled almost entirely with stone rubble. These drains measured 0.35-0.4m wide, 250mm deep. There were a number of different orientations within the evaluation area for these drains which may suggest different phases.
22. A larger stone rubble filled drain, (004), was identified within Trenches 2 and 3 running in an N-S direction. This drain may have acted as a feeder drain which emptied into a small pond in the SW part of the evaluation area. The fragmentary remains of other field drains were identified within Trench 21 with a black ribbed plastic pipe, (018), and a ceramic pipe, (019), both of which cut through the natural subsoil.
23. Plough scars, (003), were also identified in a number of the trenches within the evaluation area. These plough scars consisted of a series of narrow parallel linear features filled with topsoil which measured 2-4mm wide, 100mm deep and were spaced 0.3-0.35m apart.
24. The partial remains of low boundary wall/bank were identified within Trench 19. This wall/bank, (019), consisted of a loose rubble bank which ran in an E-W direction. The wall/bank measured 2.2m wide and 200mm high within Trench 19's SSW end and can be seen continuing towards the east as a very low bank within the landscape for 4-5m. The wall/bank consisted of a rubble and soil (001) mix
25. The final feature identified was a small burnt spread, (020), which consisted of loosely compacted, black clayey silt with very occasional charcoal fleck inclusions. The layer measured 1-1.3m wide and had a thickness of 80mm.

Modern Pit

26. Located within Trench 3 was an oblong shaped pit, [011] (Figure 4a). This pit was orientated in an E-W direction and measured 1.8m long, 0.5m wide and had a depth of 30mm. Its fill, (012), consisted of loosely compacted, clayey silt with frequent small stones and rootlets inclusions. The pit cut through modern plough scar marks (003) within the trench.



Figure 1: Plan of evaluation trench layout



Figure 2: Plan of limekiln [021] and retaining wall [015].

Discussion

27. The evaluation trenches at the New Distillery Site at Lagg identified a series of agricultural and to a lesser extent industrial features dating to at least the 19th century, though an 18th century date cannot be ruled out for some of the features. The agricultural remains consisted of a large number of rubble drains, (006) and (007), with occasional ceramic pipe, (018), and later modern plastic drains, (017).
28. The clayey nature of the subsoils within the evaluation area made the ground waterlogged which was most likely the reason for the large number of stone drains. Many of the trenches also contained evidence of ploughing, (003), but the regular and narrowness of these markings suggested that they were modern. These plough marks were cut by the oblong pit, [011], in Trench 3 which would suggest that the pit is also modern. The pits fill, (012), was mixed and contained voids and root material also hinting at a modern date. No artefacts were recovered from the pit and its possible function as an extraction pit has been suggested due to its proximity to the kiln, [021], and the nearby quarry on the farm road.
29. The extended area at the ends of Trenches 8 and 21 revealed the full extent, shape and form of limekiln, [021]. Its stone and mortar construction and sub-rectangular shape was similar to other 19th century draw-kilns located on Arran such as at well preserved kiln at Clauhog, located approximately 500m to the SE of the evaluation area (**S12** Rees & Turner 2016) and at Blackwaterfoot and Brandon Farm (Alexander 2006).
30. Draw-kilns were well built stone structures which could be continually filled with limestone and fuel (coal or peat) and fired unlike clamp kilns (also present in Arran at Brodick Castle, Monyquil and Bridge Farm) which could only produce one charge of limestone at a time. The resultant quicklime was then mixed with water (slaked) and could then be used to make mortar for building or be added to fields to improve their agricultural potential by reducing the soils acidity. The two projecting walls off the SSE wall of the kiln within the evaluation area may have acted as buttresses for the structure, particularly if there was significant height to it, or possibly formed the base for a draw arch. The retaining wall built against a hillside depression (Figure 1) may have acted as a wind break for the flue located in the ENE wall of the kiln structure (Figures 2, 4b and 5a)). The remains of the kiln were filled and surrounded by layers of rubbish/waste, (010), (013), (016), (022) and (024), which contained burnt material such as sand and flint. These layers were most likely the remnants of the last firing process carried out within the kiln before it fell into disuse and was subsequently demolished.
31. No artefacts were recovered from the kiln or from any other feature within the evaluation area.



Figure 3a: Pre excavation view of the evaluation area. From the N.



Figure 3b: Post excavation view of Trench 61. From the NW.



Figure 4a: Mid excavation view of pit [011]. From the N.



Figure 4b: Post excavation view of Kiln [021] & retaining wall [015]. From the SW.



Figure 5a: Close up view of flue within kiln [021]. From the E.



Figure 6b: Close up view of projecting walls [025] & [026] of Kiln [021]. Also shows brick and mortar lining in ENE wall. From the S.

Recommendations

33. The majority of features identified during the evaluation were agricultural in nature of a 19th century or later date. The remains of the limekiln structure also appeared to be of a 19th century date and similar to the more intact nearby lime kiln site at Clauchog. The oblong shaped extraction pit cut through modern plough marks, which were prevalent throughout the site, which would make it modern.
34. The full extent and shape of the limekiln was exposed and recorded by opening up an area at the eastern and northern ends of Trenches 8 and 21 respectively. The remains of the structure and the waste/rubbish layers surrounding it were cleaned and showed that only a few courses of the kilns foundations survived intact. Because of the work already carried out with regard to the kiln structure and the agricultural nature and modern date of the other features identified in the evaluation area it is recommended that no further work be carried out.
35. The acceptability of these recommendations needs to be confirmed with the West of Scotland Archaeology Service and North Ayrshire Council.

Conclusion

36. A programme of archaeological investigative works was carried out for Isle of Arran Distillers in support of the new Distillery Site in Lagg, North Ayrshire. The archaeological works were designed to determine the archaeological potential of the development area and hence inform the specification for mitigation of the impact on the archaeological remains within the development area.
37. The evaluation consisted of 64 trenches and one extended area. The works identified a series of 19th century or later agricultural drains and plough marks and a possible modern extraction pit. The works also identified the remains of what appeared to be a stone built 19th century draw-kiln. These remains consisted of the remnants of the kilns foundations and a series of waste/rubbish layers surrounding it. No artefacts were recovered from the works.

Acknowledgements

38. The author would like to thank Isle of Arran Distillers for the opportunity to carry out these works. We would also like to thank Martin O'Hare at the West of Scotland Archaeology Service, for his guidance throughout. Thanks should also be given to Joss Durnan and Craig Stanford for their onsite assistance. We would also like to thank Thomas Rees, Consultant Archaeologist at Rathmell Archaeology, for his help in the editing of this report.

References

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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 measure based on the quoted orientation of the trench.

Trench Summary

Trench	Orientation	Size	Topsoil Depth	Subsoil Character	Modern/ Agricultural Features	Significant Features	Artefacts
001	Southeast to Northwest	2m by 52.9m 105.8m ²	270-300mm	Firmly compacted mid orange-red slightly sandy clay (002) present for the full length of the trench.	No features	None	None
002	Northwest to Southeast	2m by 49.9m 99.8m ²	180-280mm	Firmly compacted mid orange-red slightly sandy clay (002) present for the full length of the trench.	One possible relict field boundary [004] present at +1.5m orientated N-S, and plough scars (003) with common orientation N-S beginning at +17m and continuing intermittently until end of trench.	None	None
003	Southeast to Northwest	2m by 49.4m 98.8m ²	260-300mm	Firmly compacted mid orange-red slightly sandy clay (002) present until +38m before changing into friable mid grey-pink slightly silty sand (007) present for the rest of the trench.	One possible relict field boundary [004] present at +11.3m orientated N-S, and plough scars (003) with common orientation N-S beginning at +24m and continuing until +28m. Plough scars (003) cut by [011], 1.8m long, 0.5m wide possible pit.	None	None

Trench	Orientation	Size	Topsoil Depth	Subsoil Character	Modern/ Agricultural Features	Significant Features	Artefacts
004	Northwest to Southeast	2m by 51.9m 103.8m ²	270-300mm	Friable mid grey-pink slightly silty sand (007) from beginning of trench to +32m before changing into firmly compacted mid orange-red slightly sandy clay (002) present for the rest of the trench.	One rubble field drain (006) present at +9.3m orientated N-S, and a grouping of plough scars (003) with common orientation N-S at +13m and continuing until 18.9m.	None	None
005	North to South	2m by 52.4m 104.8m ²	260-310mm	Friable mid grey-pink slightly silty sand (007) present for the full length of the trench. (007) overlies soft grey-black silty clay (008), which overlies soft brown-grey silty clay (009).	Two rubble field drains (006), present at beginning of trench to +6.5m and from +43m with common orientation NNW-SSE.	None	None
006	North to South	2m by 49.7m 99.4m ²	270-450mm	Firmly compacted mid orange-red slightly sandy clay (002) present for the full length of the trench.	Two rubble field drains (006), present at beginning of trench to +8m and +24m with common orientation NNW-SSE.	None	None
007	West to East	2m by 50.1m 100.2m ²	300-340mm	Firmly compacted mid orange-red slightly sandy clay (002) present for the full length of the trench.	Two rubble field drains (006), present +22.7m and +27.5m with common orientation N-S.	None	None

Trench	Orientation	Size	Topsoil Depth	Subsoil Character	Modern/ Agricultural Features	Significant Features	Artefacts
008	West to East	2m by 50.0m 100m ²	100-400mm	Firmly compacted mid orange-red slightly sandy clay (002) present for the full length of the trench.	Two rubble field drains (006), present +23.7m and +31.4m with common orientation N-S, and deposit (013), probable outer wall of kiln [021] comprised of loose small lime fragments in a light yellowish-white sand matrix is present at+44.	None	None
009	Southwest to Northeast	2m by 51.1m 102.2m ²	240-320mm	Friable mid grey-pink slightly silty sand (007) present at beginning of trench to +17.7, changing into firmly compacted mid orange-red slightly sandy clay (002) present for the remaining length of the trench.	Three rubble field drains (006), present +26m and +28.5m with common orientation N-S, and at 28.7m orientated NE-SW.	None	None
010	West to East	2m by 50.4m 100.8m ²	290-390mm	Firmly compacted mid orange-red slightly sandy clay (002) present for the full length of the trench.	Two rubble field drains (006) present at +7.7m and +32.6m, with a common orientation of NW-SE, and group of plough scars (003) present at 37.6m with a common orientation of (003).	None	None
011	West to East	2m by 49.4m 98.8m ²	140-240mm	Firmly compacted mid orange-red slightly sandy clay (002) present for the full length of the trench, two areas of bedrock uncovered at +37m.	Two rubble field drains (006) present at +3m and +13.2m, with respective NW-SE and WNW-ESE.	None	None

Trench	Orientation	Size	Topsoil Depth	Subsoil Character	Modern/ Agricultural Features	Significant Features	Artefacts
012	North to South	2m by 50.8m 101.6m ²	160-250mm	Firmly compacted mid orange-red slightly sandy clay (002) present for the full length of the trench.	Water main present at +1.2m. Two rubble field drains (006) present at +37m and +41.5m, with a common orientation NE-SW.	None	None
013	North to South	2m by 51.1m 102.2m ²	210-360mm	Firmly compacted mid orange-red slightly sandy clay (002) present for the full length of the trench.	Five field drains (006) present, +1.2m, +22.3, +31.3, +40m, +48.9m with a common orientation of NE-SW.	None	None
014	North to South	2m by 47.7m 95.4m ²	240-310mm	Firmly compacted mid orange-red slightly sandy clay (002) present for the full length of the trench.	None	None	None
015	North to South	2m by 54.5m 109m ²	240-350mm	Firmly compacted mid orange-red slightly sandy clay (002) present for the full length of the trench.	None	None	None
016	West Southwest to East Northeast	2m by 51.4m 102.8m ²	150-270mm	Firmly compacted mid orange-red slightly sandy clay (002) present for the full length of the trench. This overlies possible natural deposit of soft brown-grey silty clay (009), exposed at +6m to +8m.	Three rubble field drains (006) present at +2.4m, +5.8m and +35.5m, orientated N-S, NW-SE, AND E-W respectively. Ceramic field drain (018) is present at start of trench and continues until +6m.	None	None

Trench	Orientation	Size	Topsoil Depth	Subsoil Character	Modern/ Agricultural Features	Significant Features	Artefacts
017	West-Southwest to East Northeast	2m by 50.1m 100.2m ²	170-300mm	Firmly compacted mid orange-red slightly sandy clay (002) present for the full length of the trench.	Two rubble field drains (006) present at +14.5m and +42.2m with a common orientation of E-W.	None	None
018	West Southwest to East Northeast	2m by 49.7m 99.4m ²	350-450mm	Firmly compacted mid orange-red slightly sandy clay (002) present for the full length of the trench.	Three rubble field drains (006), two present at +0.5m and +20.3m with a common orientation of NE-SW, and the other present at +9.5m orientated E-W.	None	None
019	South Southwest to North Northwest	2m by 50.5m 101m ²	250-280mm	Firmly compacted mid orange-red slightly sandy clay (002) present for the full length of the trench.	Rubble field boundary [019] appears at beginning of trench to 2.5m. Two rubble field drains (006) present at +8.1m and +20.5m with a common NW-SE, and group of plough scars appearing at +44m with a common orientation NW-SE.	None	None
020	Southwest to Northeast	2m by 51.3m 102.6m ²	160-280mm	Firmly compacted mid orange-red slightly sandy clay (002) present for the full length of the trench.	Group of plough scars (003) appearing at +2.4m until 13m with a common orientation of WSW-ESE.	None	None

Trench	Orientation	Size	Topsoil Depth	Subsoil Character	Modern/ Agricultural Features	Significant Features	Artefacts
021	North Northeast to South Southwest	2m by 51.0m 102m ²	260- 290mm	Deposit (016) friable mid grey-brown silty clay from beginning of trench to +5m, changing into firmly compacted mid orange-red slightly sandy clay (002) present for the remaining length of the trench.	One plastic field drain (017) appearing at +13m orientated NWW-SEE, and one ceramic field drain (018) appearing at +13m and orientated N-S.	None	None
022	Southeast to Northwest	2m by 51.2m 102.4m ²	350- 550mm	Firmly compacted mid orange-red slightly sandy clay (002) present for the full length of the trench Deposit of soft brown-grey silty clay (009) and soft grey-black silty clay (008) overlaying (002) appearing at +30m to +43m, where (002) reappears.	One rubble field drain (006) appearing at +1.7m and orientated NNS-SSE, and two plough scars appearing at +10.8m and +15.8m with a common orientation of E-W	None	None
023	Northwest to Southeast	2m by 49.9m 99.8m ²	240- 470mm	Firmly compacted mid orange-red slightly sandy clay (002) present for the full length of the trench.	Water main present at start of trench to +2.8m orientated E-W, five rubble field drains (006) present at +22.2m, +23.7m, +28.8m, +34.3m, +39.6m with common orientation NE-SW.	None	None
024	Northwest to Southeast	2m by 50.7m 101.4m ²	210- 450mm	Firmly compacted mid orange-red slightly sandy clay (002) present for the full length of the trench.	Five rubble field drains (006) present at +20.3m, +25.8m, +31.7m, +36.8m, +46.8m with common orientation NE-SW.	None	None

Trench	Orientation	Size	Topsoil Depth	Subsoil Character	Modern/ Agricultural Features	Significant Features	Artefacts
025	Northwest to Southeast	2m by 47.7m 95.4m ²	280-300mm	Firmly compacted mid orange-red slightly sandy clay (002) present for the full length of the trench.	Three rubble field drains (006) present at +0.8m, +13.6m, +28.2m with common orientation of NE-SW, and group of plough scars (003) from +35m with common orientation NE-SW.	None	None
026	Northwest to Southeast	2m by 50.8m 101.6m ²	200-250mm	Firmly compacted mid orange-red slightly sandy clay (002) present for the full length of the trench.	Group of plough scars (003) appear at +17m and continue intermittently until end of trench, and have common orientation of NE-SW.	None	None
027	Northwest to Southeast	2m by 50.1m 100.2m ²	230-250mm	Firmly compacted mid orange-red slightly sandy clay (002) present for the full length of the trench.	None	None	None
028	Northwest to Southeast	2m by 54.1m 108.2m ²	170-380mm	Firmly compacted mid orange-red slightly sandy clay (002) present from start of trench until changing into friable mid grey-pink slightly silty sand (007) at +23m, then changing back to (002) at +46.3m for the remaining length of trench.	Seven rubble field drains (006) are present, +7.5m, +8.3m, +9.6m, +14.4m, +29.4m, +38m and +42.4m. Several cut into each other, and are orientated NE-SW, E-W, NW-SE, W-E, N-S, NW-SE, N-S respectively.	None	None

Trench	Orientation	Size	Topsoil Depth	Subsoil Character	Modern/ Agricultural Features	Significant Features	Artefacts
029	Northwest to Southeast	2m by 52.9m 105.8m ²	220-270mm	Firmly compacted mid orange-red slightly sandy clay (002) present for the full length of the trench.	Three rubble field drains (006) present at +6.2m, +33m, and +40.1m with a common orientation of N-S. Group of plough scars (003) present at +13m with common orientation E-W.	None	None
030	East to West	2m by 50.4m 100.8m ²	260-320mm	Firmly compacted mid orange-red slightly sandy clay (002) present for the full length of the trench.	Group of plough scars (003) present at +32m until end of trench WNW-ESE.	None	None
031	West to East	2m by 47.7m 95.4m ²	270-290mm	Firmly compacted mid orange-red slightly sandy clay (002) present for the full length of the trench.	Group of plough scars (003) present for the full length of trench, with common orientation E-W.	None	None
032	West to East	2m by 54.1m 108.2m ²	240-260mm	Firmly compacted mid orange-red slightly sandy clay (002) present for the full length of the trench.	Group of plough scars (003) present at +5m for the full length of trench, with common orientation E-W.	None	None
033	West to East	2m by 50.2 m 100.4m ²	230-260mm	Firmly compacted mid orange-red slightly sandy clay (002) present for the full length of the trench.	Group of plough scars (003) present at +5m for the full length of trench, with common orientation E-W.	None	None

Trench	Orientation	Size	Topsoil Depth	Subsoil Character	Modern/ Agricultural Features	Significant Features	Artefacts
034	Northeast to Southwest	2m by 50.7m 101.4m ²	190-290mm	Firmly compacted mid orange-red slightly sandy clay (002) present for the full length of the trench.	Two rubble field drains (006) present at +34.5m and +41.1m with a common orientation of NW-SE. Group of plough scars (003) present at +28m and continuing until +36m sharing a common orientation of NW-SE.	None	None
035	Northeast to Southwest	2m by 50.7m 101.4m ²	250-260mm	Firmly compacted mid orange-red slightly sandy clay (002) present for the full length of the trench.	One rubble field drain (006) present at +33.7m and orientated NW-SE	None	None
036	Northeast to Southwest	2m by 54.5m 109m ²	230-260mm	Firmly compacted mid orange-red slightly sandy clay (002) present for the full length of the trench.	One rubble field drain (006) present at +27m orientated NE-SW.	None	None
037	Northeast to Southwest	2m by 49.1m 98.2m ²	190-280mm	Firmly compacted mid orange-red slightly sandy clay (002) present for the full length of the trench.	None	None	None
038	Northwest to Southeast	2m by 50.3m 103.6m ²	210-260mm	Firmly compacted mid orange-red slightly sandy clay (002) present for the full length of the trench.	Two rubble field drains (006) present at +2.5m and +37.7m orientated E-W.	None	None

Trench	Orientation	Size	Topsoil Depth	Subsoil Character	Modern/ Agricultural Features	Significant Features	Artefacts
039	Northwest to Southeast	2m by 48.3m 96.6m ²	280-300mm	Firmly compacted mid orange-red slightly sandy clay (002) present for the full length of the trench.	Four rubble field drains (006) present at the start of the trench to +1.4m, +20.2m, +34.2m and +43.3m with common orientation of NW-SE.	None	None
040	Northeast to Southwest	2m by 50.7m 101.4m ²	270-370mm	Firmly compacted mid orange-red slightly sandy clay (002) present for the full length of the trench.	Four rubble field (006) drains present at +11.7m, +17.9m, +21.5m and +30.5m, orientated N-S, NW-SE, NW-SE, and E-W respectively. One plough scar (003) at +6m.	None	None
041	Northeast to Southwest	2m by 50.2m 100.4m ²	200-230mm	Firmly compacted mid orange-red slightly sandy clay (002) present for the full length of the trench.	Two rubble field drains (006) present at +32m and +44m with common orientation N-S.	None	None
042	Southwest to Northeast	2m by 48.7m 97.4m ²	180-280mm	Firmly compacted mid orange-red slightly sandy clay (002) present for the full length of the trench.	Group of plough scars (003) orientated NW-SE present at +4.3m continuing until +35m.	None	None
043	Southwest to Northeast	2m by 47.6m 95.2m ²	160-270mm	Firmly compacted mid orange-red slightly sandy clay (002) present for the full length of the trench.	One rubble field drain (006) present at beginning of trench to 2.6m and orientated E-W.	None	None
044	Southwest to Northeast	2m by 49.2m 98.4m ²	200-240mm	Firmly compacted mid orange-red slightly sandy clay (002) present for the full length of the trench.	One rubble field drain (006) present at +42.5m orientated NW-SE.	None	None

Trench	Orientation	Size	Topsoil Depth	Subsoil Character	Modern/ Agricultural Features	Significant Features	Artefacts
045	Southwest-to Northeast	2m by 49.9m 99.8m ²	210- 270mm	Firmly compacted mid orange-red slightly sandy clay (002) present for the full length of the trench.	None	None	None
046	Northwest to Southeast	2m by 50.3m 100.6m ²	260- 300mm	Firmly compacted mid orange-red slightly sandy clay (002) present for the full length of the trench.	None	None	None
047	Northwest to Southeast	2m by 51.0m 102m ²	240- 270mm	Firmly compacted mid orange-red slightly sandy clay (002) present for the full length of the trench.	Four rubble field drains (006) present at +6.6m, +24.2m, +36.2m, +48.2m with a common orientation of NE-SW.	None	None
048	Northwest to Southeast	2m by 49.2m 98.4m ²	290- 340mm	Firmly compacted mid orange-red slightly sandy clay (002) present for the full length of the trench.	Six rubble field drains (006) present at +1.7m, +19.5m, +25.5m, +31.6m, +38.2m, +43.4m with common orientation NE-SW..	None	None
049	Northwest to Southeast	2m by 50.0m 100m ²	270- 480mm	Firmly compacted mid orange-red slightly sandy clay (002) present for the full length of the trench.	Four rubble field drains (006) present at +7.3m, +21.3m, +29.9m, +42.6m with common orientation NE-SW.	None	None
050	Northwest to Southeast	2m by 51.0m 102m ²	280- 270mm	Firmly compacted mid orange-red slightly sandy clay (002) present for the full length of the trench.	Six rubble field drains (006) present at +18.1m, +21.1m, +27.5m, +35.5m, +41.8m, +46.8m orientated NE-SW, E-W, E-W, NE-SW, E-W, NW-SE respectively.	None	None

Trench	Orientation	Size	Topsoil Depth	Subsoil Character	Modern/ Agricultural Features	Significant Features	Artefacts
051	Northwest to Southeast	2m by 50.0m 100m ²	210-230mm	Firmly compacted mid orange-red slightly sandy clay (002) present for the full length of the trench.	Two rubble field drains (006) present at +15.5m and +32.8m orientated E-W. .	None	None
052	Northwest to Southeast	2m by 48.2m 96.2m ²	200-290mm	Firmly compacted mid orange-red slightly sandy clay (002) present for the full length of the trench.	Four rubble field drains (006) present at +16.5m, +22.1m, +22.9m, +49.6m orientated NW-SE.	None	None
053	Southeast to Northwest	2m by 50.1m 100.2m ²	220-300mm	Firmly compacted mid orange-red slightly sandy clay (002) present for the full length of the trench.	Group of plough scars (003) with common orientation E-W present at +16m and continuing until end of trench.	None	None
054	Northeast to Southwest	2m by 51.0m 102m ²	200-270mm	Friable black slightly clayey silt (020) present at 2m to 3m, where it returns to firmly compacted mid orange-red slightly sandy clay (002) present for the remaining length of the trench.	One rubble field drain (006) present at +8.6m orientated NW-SE.	None	None
055	Northeast to Southwest	2m by 49.1m 98.2m ²	190-320mm	Firmly compacted mid orange-red slightly sandy clay (002) present for the full length of the trench.	One rubble field drain (006) is present at +35.6m and is aligned WNW-ESE. Group of plough scars (003) present at +19.3m to +24m aligned E-W.	None	None
056	Northeast to Southwest	2m by 52.1m 104.2m ²	230-290mm	Firmly compacted mid orange-red slightly sandy clay (002) present for the full length of the trench.	One rubble field drain (006) present at +28.8m orientated NW-SE.	None	None

Trench	Orientation	Size	Topsoil Depth	Subsoil Character	Modern/ Agricultural Features	Significant Features	Artefacts
057	Northeast to Southwest	2m by 51.8m 103.6m ²	180-270mm	Firmly compacted mid orange-red slightly sandy clay (002) present for the full length of the trench.	Four rubble field drains (006) present at +16.6m, +32.6m, +39.5m, +48.2m orientated NNW-SSE and the remaining commonly orientated NE-SW.	None	None
058	Northeast to Southwest	2m by 48.2m 105.8m ²	280-370mm	Firmly compacted mid orange-red slightly sandy clay (002) present for the full length of the trench.	One rubble field drain (006) present at +37.5m orientated NE-SW.	None	None
059	Northeast to Southwest	2m by 52.3m 104.6m ²	250-310mm	Firmly compacted mid orange-red slightly sandy clay (002) present for the full length of the trench.	One rubble field drain (006) present at +25.3m orientated E-W.	None	None
060	West to East	2m by 49.7m 99.4m ²	240-290mm	Firmly compacted mid orange-red slightly sandy clay (002) present for the full length of the trench.	Group of plough scars (003) orientated E-W for full length of trench.	None	None
061	East to West	2m by 50.0m 100m ²	240-260mm	Firmly compacted mid orange-red slightly sandy clay (002) present for the full length of the trench.	None	None	None
062	Southeast to Northwest	2m by 51.0m 102m ²	270-380mm	Firmly compacted mid orange-red slightly sandy clay (002) present for the full length of the trench.	Two rubble field drains (006) present at +17.5m and +37.5 orientated ESE-WNW.	None	None

Trench	Orientation	Size	Topsoil Depth	Subsoil Character	Modern/ Agricultural Features	Significant Features	Artefacts
063	East to West	2m by 51.0m 102m ²	230-300mm	Firmly compacted mid orange-red slightly sandy clay (002) present for the full length of the trench.	One rubble field drain (006) present at +32.1m orientated NW-SE.	None	None
064	East to West	2m by 50.2m 100.4m ²	270-430mm	Firmly compacted mid orange-red slightly sandy clay (002) present for the full length of the trench.	None	None	None

Appendix 2: Registers

Within this appendix are all registers pertaining to works on-site during the evaluation.

Context Register

Context No.	Area/ Trench	Type	Description	Interpretation
001	All	Deposit	Moderately compacted, mid grey brown clayey silt with occasional small stones and very infrequent 19 th and 20 th ceramic Inclusions (white glazed white earthen ware and blue/white transfer printed ware).	Topsoil across the site.
002	1-4, 6-64	Deposit	Firmly compacted, mid orange-red sandy clay with frequent small to medium stone inclusions.	Subsoil
003	2-4, 20, 26, 30-34, 42, 55, 60	Cut	Plough Scars filled with (001). About 2-4mm wide, about 100mm deep and 0.3-0.35m apart.	Plough scars
004	2-3	Cut	Linear shaped cut in plan. Break of slope at the top gradual and sides gradually sloping. Break of slope at the base gradual and base was concave. The cut measured 0.7 wide and was 150mm deep.	Post medieval or later field boundary ditch.
005	2-3	Deposit	Firmly compacted, dark brown-grey clayey silt with frequent medium (150mm) sub angular stone inclusions	Fill of [004]
006	4-13, 16-19, 22-25, 28-29, 34-36, 38-41, 43-44, 47-52, 54-59, 62-63	Cut/Fill	Linear shaped in plan. Rubble filled. 0.35-0.4m wide, 250mm deep	Rubble field drain
007	3-5, 9, 28	Deposit	Moderately compacted, friable, mid grey-pink silty sand with occasional small sub-angular stone inclusions.	Subsoil
008	22	Deposit	Loosely compacted, grey-black silty clay with infrequent charcoal fleck inclusions. Layer had a thickness of 50mm.	Probable old ground surface

Context No.	Area/ Trench	Type	Description	Interpretation
009	16, 22	Deposit	Loosely compacted, brown-grey silty clay with frequent charcoal fleck inclusions. Layer had a thickness of 50mm.	Possible natural deposit underlying (008)
010	7, 8	Deposit	Topsoil (001) with frequent (up to 90%) large fragments of ceramic field drain. Rubbish/waste layer (013) was mixed in with this layer. The layer was located to the WNW of kiln [021] within Trench 8. The layer was 500mm thick and ran for 16m from the E end of Trench 8.	Rubbish/waste layer relating to Kiln [021].
011	3	Cut	Oblong shaped in plan. Orientated in an E-W direction. Break of slope at top was sharp with near vertical sides. The break of slope at the base was sharp to moderate and the base was flat. The cut measured 1.8m long, 0.5m wide and had a depth of 30mm. The feature cut through modern plough scar marks (003).	Possible extraction pit
012	3	Deposit	Loosely compacted, clayey silt with frequent small stones and rootlets inclusions. Vacuous in places.	Fill of [011]
013	8	Deposit	Loosely compacted, light yellow-white sand with frequent small limestone fragments (50-150mm). The layer had a width of 2.5m. Layer was located close to the WNW end of kiln [021] and was within a larger rubbish/waste layer (010). The layer underlay (016).	Rubbish/waste layer relating to industrial feature [021]
014	9	Cut/fill	Linear shaped in plan. Fill consisted of 80% medium sized (200-300mm) angular stones and 20% mid to dark grey-brown silty clay. Linear was N-S orientated and measured 0.7m wide.	Large stone/rubble drain which may have acted as a feeder drain and emptied into the small body of water located in the SW part of the site.
015	21 and extended area	Structure	Stone wall (drystone construction). Linear shaped in plan and was orientated in a NNE-SSW direction. Single course of medium sub-rounded and sub-rectangular shaped stones which measured 300-550mm long, 250-500mm wide and 200-250mm thick. The overall length of the wall was 5.4m, the width of the wall was 0.25-0.5m and the wall had a height range of between 0.2-0.63m (though only the last 1-2m at the SSW end of the wall was over 0.25m in height). The wall was built into (007) and against or abutted (002). The wall ran parallel (2.3-2.4m) to the ESE wall of the kiln structure [021].	Possible retaining wall associated with kiln structure [021].
016	8, 21 and extended area	Deposit	Loosely compacted, mid grey-brown silty clay with frequent medium sized angular stone and ceramic drain fragment inclusions. Abutted parts of the kiln [021] and retaining wall [015]. Overlay rubbish/waste layers (010 and 016)	Rubbish/waste spread located around kiln [021] and retaining wall [015]

Context No.	Area/Trench	Type	Description	Interpretation
017	21	Cut/fill	Black ribbed plastic pipe, 80mm in diameter	Modern drainage
018	21	Cut/fill	Ceramic field drain	Ceramic field drain
019	19	Structure	Rubble boundary wall/bank running east/west, 2.2m wide and 200mm high within trench 19's SSW end and can be seen continuing towards the east as a very low bank within the landscape for 4-5m. The wall/bank consisted of a rubble and soil (001) mix.	Relict boundary wall/bank
020	54	Deposit	Loosely compacted, black clayey silt with very occasional charcoal fleck inclusions The layer measured 1-1.3m wide and had a thickness of 80mm. Overlies (002)	Shallow burnt layer
021	8, 21 and extended area	Structure	The kiln structure was rectangular shaped in plan (with ENE wall missing). The entire structure was orientated in a NNE-SSW direction. The kiln was constructed for the most part with sub-rounded and sub-rectangular shaped, flat stones (300-550mm long, 250-500mm wide and 200-250mm thick) with mortar bonding (3-4 courses high on the NNE, 3 course on the ESE and 1 course on the SSW wall. The inner face of the NNE wall was lined with brick and mortar though it was unclear how much of the wall face it covered or if it covered the other walls. The NNE wall was 1.7m wide and had a height range of 750-850mm. The ESE wall was 1.33m wide and had a height range of between 500-720mm. The SSW wall was 1.55-1.73m wide and had a height range of between 50-100mm. Two parallel projecting walls, [025 and 026], of equal dimensions projected out from the outer face of the SSW wall. Each of these walls were 1.4m long and 0.9m wide and had a range in height of between 50-250mm. The space between these two walls was 2.15m and was filled by rubbish/waste material (024). The overall size of the kiln was 7.6m from NNE-SSW (9m when projecting offsets [025 and 026] are included) and 4.7m from WNW-ESE (though with the missing WNW wall it may have been more). The remains of a narrow opening (filled with a mix of burnt limestone, topsoil and roots) was located at the SSW end of the ESE wall. This opening was through the upper course of the wall and had a width of 0.3-0.34m and a depth of 250-260mm. The interior of the kiln structure was filled by a burnt sand layer (022) and the whole structure was built upon the natural subsoil (007).	Kiln structure
022	8 and extended area	Deposit	Very loosely compacted, mid orange-red clayey sand with no inclusions. Located within the interior of the kiln structure [021]. Layer measured 3.5-4m WNW-ESE and 4-4.2m NNE-SSW. Depth unknown.	Layer of burnt material contained within kiln structure [021]
023			Voided	

Context No.	Area/ Trench	Type	Description	Interpretation
024	21 and extended area	Deposit	Firmly compacted, silty clay with frequent ceramic drain fragments. Located abuts with the SSW end of the kiln [021] and its two projecting walls [025 and 026].	Rubbish/waste spread material located to the SSW end of the kiln and its two projecting walls [025 and 026]
025	8, 21 and extended area	Structure	One of two parallel projecting walls, [025 and 026], of equal dimensions projected out from the outer face of the SSW wall. Each of these walls were 1.4m long and 0.9m wide and had a range in height of between 50-250mm. The space between these two walls was 2.15m and was filled by rubbish/waste material (024).	One of two projecting walls which were either structural buttresses or possibly the base remains of the draw arch for the kiln structure [021].
026	8, 21 and extended area	Structure	One of two parallel projecting walls, [025 and 026], of equal dimensions projected out from the outer face of the SSW wall. Each of these walls were 1.4m long and 0.9m wide and had a range in height of between 50-250mm. The space between these two walls was 2.15m and was filled by rubbish/waste material (024).	One of two projecting walls which were either structural buttresses or possibly the base remains of the draw arch for the kiln structure [021].
027	8 and extended area	Deposit	Loose, vacuous rubble composed of large (250-400mm) sub-angular and sub-rounded stones and occasional brick fragments in a topsoil matrix with occasional patches of lime mortar.	Demolition rubble relating to kiln [021]. Forms the bulk of the 'apron' of material spreading out from the extant remains of the kiln.

Drawing Register

Drawing No.	Sheet No.	Area/ Trench	Drawing Type	Scale	Description
001	1	Trench 1	Plan	1:100	Post excavation of trench 1
002	1	Trench 2	Plan	1:100	Post excavation of trench 2
003	1	Trench 3	Plan	1:100	Post excavation of trench 3
004	1	Trench 4	Plan	1:100	Post excavation of trench 4

Drawing No.	Sheet No.	Area/ Trench	Drawing Type	Scale	Description
005	1	Trench 5	Plan	1:100	Post excavation of trench 5
006	1	Trench 6	Plan	1:100	Post excavation of trench 6
007	1	Trench 7	Plan	1:100	Post excavation of trench 7
008	1	Trench 8	Plan	1:100	Post excavation of trench 8
009	1	Trench 9	Plan	1:100	Post excavation of trench 9
010	2	Trench 21	Plan	1:100	Post excavation of trench 21
011	2	Trench 11	Plan	1:100	Post excavation of trench 11
012	2	Trench 10	Plan	1:100	Post excavation of trench 10
013	2	Trench 22	Plan	1:100	Post excavation of trench 22
014	2	Trench 20	Plan	1:100	Post excavation of trench 20
015	2	Trench 19	Plan	1:100	Post excavation of trench 19
016	3	Trench 17	Plan	1:100	Post excavation of trench 17
017	3	Trench 18	Plan	1:100	Post excavation of trench 18
018	3	Trench 16	Plan	1:100	Post excavation of trench 16
019	3	Trench 12	Plan	1:100	Post excavation of trench 12
020	3	Trench 13	Plan	1:100	Post excavation of trench 13
021	3	Trench 14	Plan	1:100	Post excavation of trench 14
022	3	Trench 15	Plan	1:100	Post excavation of trench 15
023	4	Trench 23	Plan	1:100	Post excavation of trench 23
024	4	Trench 24	Plan	1:100	Post excavation of trench 24
025	4	Trench 25	Plan	1:100	Post excavation of trench 25
026	4	Trench 26	Plan	1:100	Post excavation of trench 26

Drawing No.	Sheet No.	Area/ Trench	Drawing Type	Scale	Description
027	4	Trench 27	Plan	1:100	Post excavation of trench 27
028	4	Trench 28	Plan	1:100	Post excavation of trench 28
029	4	Trench 29	Plan	1:100	Post excavation of trench 29
030	4	Trench 30	Plan	1:100	Post excavation of trench 30
031	5	Trench 31	Plan	1:100	Post excavation of trench 31
032	5	Trench 32	Plan	1:100	Post excavation of trench 32
033	5	Trench 33	Plan	1:100	Post excavation of trench 33
034	5	Trench 40	Plan	1:100	Post excavation of trench 40
035	5	Trench 41	Plan	1:100	Post excavation of trench 41
036	5	Trench 37	Plan	1:100	Post excavation of trench 37
037	5	Trench 38	Plan	1:100	Post excavation of trench 38
038	5	Trench 39	Plan	1:100	Post excavation of trench 39
039	6	Trench 46	Plan	1:100	Post excavation of trench 46
040	6	Trench 47	Plan	1:100	Post excavation of trench 47
041	6	Trench 48	Plan	1:100	Post excavation of trench 48
042	6	Trench 49	Plan	1:100	Post excavation of trench 49
043	6	Trench 50	Plan	1:100	Post excavation of trench 50
044	6	Trench 51	Plan	1:100	Post excavation of trench 51
045	6	Trench 52	Plan	1:100	Post excavation of trench 52
046	6	Trench 57	Plan	1:100	Post excavation of trench 57
047	7	Trench 58	Plan	1:100	Post excavation of trench 58
048	7	Trench 59	Plan	1:100	Post excavation of trench 59

Drawing No.	Sheet No.	Area/ Trench	Drawing Type	Scale	Description
049	7	Trench 60	Plan	1:100	Post excavation of trench 60
050	7	Trench 64	Plan	1:100	Post excavation of trench 64
051	7	Trench 63	Plan	1:100	Post excavation of trench 63
052	7	Trench 62	Plan	1:100	Post excavation of trench 62
053	7	Trench 61	Plan	1:100	Post excavation of trench 61
054	7	Trench 56	Plan	1:100	Post excavation of trench 56
055	8	Trench 55	Plan	1:100	Post excavation of trench 55
056	8	Trench 54	Plan	1:100	Post excavation of trench 54
057	8	Trench 53	Plan	1:100	Post excavation of trench 53
058	8	Trench 45	Plan	1:100	Post excavation of trench 45
059	8	Trench 44	Plan	1:100	Post excavation of trench 44
060	8	Trench 43	Plan	1:100	Post excavation of trench 43
061	8	Trench 42	Plan	1:100	Post excavation of trench 43
062	8	Trench 36	Plan	1:100	Post excavation of trench 36
063	9	Trench 35	Plan	1:100	Post excavation of trench 35
064	9	Trench 34	Plan	1:100	Post excavation of trench 34
065	10	Trenches 8, 21 and extended area	Plan	1:20	Post excavation of kiln structure [021] and retaining wall [015]

Photographic Register

Image No.	Digital	Description	From	Date
001	DSCN0162	Pre excavation view of site from field entrance	E	21/11/16
002	DSCN0163	Pre excavation view of site from field entrance	N	21/11/16
003	DSCN0164	Pre excavation view of site from field entrance	N	21/11/16
004	DSCN0165	Pre excavation view of site from field entrance	S	21/11/16
005	DSCN0166	Tr.1 Mid-excavation, with JAD and Antony (Machine Driver)	E	21/11/16
006	DSCN0167	Tr.1 Mid-excavation, with JAD and Antony (Machine Driver)	E	21/11/16
007	DSCN0168	General shot of site with Sheep, JAD and LMcK	W	21/11/16
008	DSCN0169	T1 Post-ex, looking east	W	21/11/16
009	DSCN0170	T1 Post-ex, looking east	W	21/11/16
010	DSCN0171	Tr. 2 Post-ex	E	21/11/16
011	DSCN0172	[011] Tr. 5 Pre-ex	E	21/11/16
012	DSCN0173	[011] slot, post-ex	N	21/11/16
013	DSCN0174	[011] slot, west-facing section	W	21/11/16
014	DSCN0175	Tr. 4 Post-ex		21/11/16
015	DSCN0176	Tr. 5 Post-ex		22/11/16
016	DSCN0177	Tr. 7 Post-ex	E	22/11/16
017	DSCN0178	Tr. 8 Pre-ex industrial structure	SW	22/11/16
018	DSCN0179	Tr. 8 Mid-ex, field drain fragment spread	W	22/11/16
019	VOID	VOID		VOID
020	VOID	VOID		VOID

Image No.	Digital	Description	From	Date
021	DSCN0180	Tr. 8 Lime spread Mid-ex	W	22/11/16
022	DSCN0181	Tr. 8 Lime spread Mid-ex section	S	22/11/16
023	DSCN0182	Tr. 8 Possible wall foundation/rubble.	W	22/11/16
024	DSCN0183	Tr. 8 Post-ex		22/11/16
025	DSCN0184	Tr. 6 Post-ex	S	22/11/16
026	DSCN0185	Tr. 9 Post-ex	E	22/11/16
027	DSCN0186	Tr. 21 Wall [015]	W	22/11/16
028	DSCN0187	General working shot by Tr. 11	N	22/11/16
029	DSCN0188	Tr. 21 Post-ex	S	22/11/16
030	DSCN0189	Tr. 11 Post-ex	E	22/11/16
031	DSCN0190	Tr. 22 Post-ex	NW	22/11/16
032	DSCN0191	Tr. 20 Post ex	NE	22/11/16
033	DSCN0192	Tr. 19 post-ex	NNE	22/11/16
034	DSCN0193	Tr. 18 Post-ex	E	23/11/16
035	DSCN0194	South facing Section of Tr. 16	S	23/11/16
036	DSCN0195	South facing Section of Tr. 16	S	23/11/16
037	DSCN0197	Trench 17 Post-ex	E	23/11/16
038	DSCN0198	Tr. 12 Post-ex	S	23/11/16
039	DSCN0199	Tr. 13 Post-ex	S	23/11/16
040	DSCN0200	Tr. 14 Post-ex	N	23/11/16
041	DSCN0201	Tr. 15 Post-ex	S	23/11/16
042	DSCN0202	Tr. 23 Post-ex	SE	23/11/16
043	DSCN0203	Tr. 24 Post-ex	SE	23/11/16

Image No.	Digital	Description	From	Date
044	DSCN0204	Tr. 25 Post-ex	SE	23/11/16
045	DSCN0205	Tr. 26 Post-ex	SE	23/11/16
046	DSCN0206	Tr. 27 Post-ex	SE	23/11/16
047	DSCN0207	Tr. 28 Post-ex	SE	23/11/16
048	DSCN0208	Tr. 28 Post-ex	SE	23/11/16
049	DSCN0209	Tr. 29 Post-ex	SE	23/11/16
050	DSCN0210	VOID	VOID	VOID
051	DSCN0211	Tr. 30 Post-ex	E	24/11/16
052	DSCN0212	Tr. 31 Post-ex	E	24/11/16
053	DSCN0213	Tr. 32 Post-ex	E	24/11/16
054	DSCN0214	Tr. 33 Post-ex	E	24/11/16
055	DSCN0215	Tr. 40 Post-ex	S	24/11/16
056	DSCN0216	Tr. 41 Post-ex	S	24/11/16
057	DSCN0217	Tr. 37 Post-ex	S	24/11/16
058	DSCN0218	Tr. 38 Post-ex	S	24/11/16
059	DSCN0219	Tr. 39 Post-ex	S	24/11/16
060	DSCN0220	Tr. 46 Post-ex	S	24/11/16
061	DSCN0221	Tr. 47 Post-ex	SE	24/11/16
062	DSCN0222	Tr. 48 Post-ex	SE	24/11/16
063	DSCN0223	Tr. 49 Post-ex	SE	24/11/16
064	DSCN0224	Tr. 50 Post-ex	SE	24/11/16
065	DSCN0225	Tr. 51 Post-ex	SE	25/11/16
066	DSCN0226	Tr. 52 Post-ex	SE	25/11/16

Image No.	Digital	Description	From	Date
067	DSCN0227	Tr. 57 Post-ex	SE	25/11/16
068	DSCN0228	Tr. 58 Post-ex	SW	25/11/16
069	DSCN0229	Tr. 59 Post-ex	SW	25/11/16
070	DSCN0230	Tr. 60 Post-ex	E	25/11/16
071	DSCN0231	Tr. 64 Post-ex	W	25/11/16
072	DSCN0232	Tr. 63 Post-ex	W	25/11/16
073	DSCN0233	Tr. 62 Post-ex	NW	28/11/16
074	DSCN0234	Tr. 61 Post-ex	NW	28/11/16
075	DSCN0235	Tr. 56 Post-ex	NW	28/11/16
076	DSCN0236	Tr. 55 (006) example	SE	28/11/16
077	DSCN0237	Tr. 55 Post-ex	NW	28/11/16
078	DSCN0238	Tr. 54 Post-ex	NW	28/11/16
079	DSCN0239	Tr. 53 Post-ex	NW	28/11/16
080	DSCN0240	Probable Night-hawk test pit between Tr. 54 and Tr. 55 200mm x 150mm x 150 deep. Another in path of Tr. 45.	NW	28/11/16
081	DSCN0241	Tr. 45 Post-ex	N	28/11/16
082	DSCN0242	Tr. 44 Post-ex	N	28/11/16
083	DSCN0243	Tr. 43 Post-ex	N	28/11/16
084	DSCN0244	Tr. 42 Post-ex	N	29/11/16
085	DSCN0245	Tr. 36 Post-ex	SW	29/11/16
086	DSCN0246	Tr. 35 Post-ex	SW	29/11/16
087	DSCN0247	Tr. 34 Post-ex	SW	29/11/16
088	DSCN0248	[021], S-facing section	S	29/11/16

Image No.	Digital	Description	From	Date
089	DSCN0249	[021] working shot	SW	29/11/16
090	DSCN0250	[023] working shot	W	29/11/16
091	DSCN0251	[021] Mid-ex	S	29/11/16
092	DSCN0252	[021] General	W	30/11/16
093	DSCN0253	[021] General	N	30/11/16
094	DSCN0254	East Facing section of [021] showing possible foundations	E	30/11/16
095	DSCN0255	East Facing section of [021] showing possible flue	E	30/11/16
096	DSCN0256	Detail of possible flue in [021], with brick reading 'Goven Patent'	S	30/11/16
097	DSCN0257	Possible kiln feature in North wall of [021]	S	30/11/16
098	DSCN0258	West facing section of [021] showing width of wall	W	30/11/16
099	DSCN0259	[021] Possible buttresses with (024)	S	30/11/16
100	DSCN0260	Western buttress with context (010) abutting, showing no keyed/tied in stones.	W	30/11/16
101	DSCN0261	Eastern buttress of [021] showing possible foundation cut	S	30/11/16
102	DSCN0262	[015] Post-ex	W	30/11/16
103	DSCN0263	Kiln structure [021] showing general layout	SW	30/11/16
104	DSCN0264	Post-ex [021] East buttress, cut filled with red rubbish/waste layer of ceramic material	S	30/11/16
105	DSCN0265	Wall/surface of [021]	W	30/11/16
106	DSCN0266	West facing edge of 'flue' of [021] showing vitrification or adhering substance	W	30/11/16
107	DSCN0267	West facing edge of 'flue' of [021] showing vitrification or adhering substance	W	30/11/16
108	DSCN0268	General shot of [021]	NE	30/11/16
109	DSCN0269	General shot of [021]	NE	30/11/16
110	DSCN0270	General shot of [021]	SE	30/11/16

Appendix 3: Discovery & Excavation in Scotland

LOCAL AUTHORITY:	North Ayrshire
PROJECT TITLE/SITE NAME:	New Distillery Site, Lagg
PROJECT CODE:	RA16015
PARISH:	Kilmory
NAME OF CONTRIBUTOR:	Liam McKinstry
NAME OF ORGANISATION:	Rathmell Archaeology Limited
TYPE(S) OF PROJECT:	Evaluation
NMRS NO(S):	-
SITE/MONUMENT TYPE(S):	-
SIGNIFICANT FINDS:	None
NGR (2 letters, 8 or 10 figures)	None
START DATE (this season)	21 st November 2016
END DATE (this season)	30 th November 2016
PREVIOUS WORK (incl. DES ref.)	No
MAIN (NARRATIVE) DESCRIPTION: (may include information from other fields)	<p>A programme of archaeological investigative works was carried out for Isle of Arran Distillers in support of the new Distillery Site in Lagg, North Ayrshire. The archaeological works were designed to determine the archaeological potential of the development area and hence inform the specification for mitigation of the impact on the archaeological remains within the development area.</p> <p>The evaluation consisted of 64 trenches and one extended area. The works identified a series of 19th century or later agricultural drains and plough marks and a possible modern extraction pit. The works also identified the remains of what appeared to be a stone built 19th century draw-kiln. These remains consisted of the remnants of the kilns foundations and a series of waste/rubbish layers surrounding it. No artefacts were recovered from the works.</p>
PROPOSED FUTURE WORK:	None
CAPTION(S) FOR ILLUSTRS:	None
SPONSOR OR FUNDING BODY:	Isle of Arran Distillers
ADDRESS OF MAIN CONTRIBUTOR:	Unit 8 Ashgrove Workshops, Kilwinning, Ayrshire KA13 6PU
EMAIL ADDRESS:	contact@rathmell-arch.co.uk
ARCHIVE LOCATION (intended/deposited)	Report to West of Scotland Archaeology Service and archive to HES Collections.

Contact Details

41. Rathmell Archaeology can be contacted at our Registered Office or through the web:
- | | |
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| Rathmell Archaeology Ltd | www.rathmell-arch.co.uk |
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| Kilwinning | t.: 01294 542848 |
| Ayrshire | f.: 01294 542849 |
| KA13 6PU | e.: contact@rathmell-arch.co.uk |
42. 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 |
| 231 George Street | t.: 0141 287 8330 |
| Glasgow | e.: enquiries@wosas.glasgow.gov.uk |
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