# Leys of Marlee Quarry, Perth & Kinross: Archaeological Mitigation

Data Structure Report



by Peter Klemen issued 27<sup>th</sup> November 2015 on behalf of Laird Brothers



## 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 Chartered Institute for Archaeologists' Standards and Policy Statements and Code of Conduct.

Henren Date .....27<sup>th</sup> November 2015.... Signed .

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

Thomas Keas Checked....

Date ......27<sup>th</sup> November 2015....

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### Quality Assurance Data

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Location	United Kingdom: Scotl	and: Perth & k	(inross
NGR	NO 1564 4407	Parish	Kinloch
Designation(s)	Scheduled Monuments	(7170, 7171)	
Canmore IDs	28915 (Ring Ditch) 71	608 (Ring Ditc	h)

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## Introduction

- 1. This Data Structure Report has been prepared for Dalgleish Associates, on behalf of their client Laird Brothers in support of the proposed extraction of sands and gravels at Leys of Marlee, Perth and Kinross (centred on NGR: NO 1564 4407).
- 2. The archaeological works were designed to determine the nature, form and extent of any archaeological remains within the development area so as to inform the mitigation of any adverse impact. The archaeological works have been structured to make sure archaeological issues are addressed through an initial evaluation at a 6% sample level.
- 3. Rathmell Archaeology Limited was appointed by Dalgleish Associates on behalf of their client Laird Brothers to undertake the development and implementation of archaeological works to allow an informed view to be taken when assessing the potential development of the site. The project works were outlined in the Written Scheme of Investigation (Klemen 2015).

## Archaeological and Historical Background

- 4. The development area concerned covers three agricultural fields approximately 2km to the west of Blairgowrie. Small portions of these fields have been excluded in the northwest, south-west and north-east corners. The entire area is roughly 500m by 500m, measuring approximately 17.8h area in extent. The area is bounded by Palace Road to the west, the B947 to the south, open fields to the east and to the north the buildings of Leys of Marlee with Rae Loch just beyond. A cut off area is to be retained by Leys of Marlee Farm and a 10m standoff is maintained from the road.
- 5. A previous Desk Based Assessment was carried out (Klemen & Res 2015) which identified a number of sites both within the development area and surrounding landscape. Presented below are details of the historic environment sites located within the proposed development and immediate area (see Table 1 and Figure 1 for location of sites).
- 6. There has been no previous archaeological investigation of the Development Area with the exception of the interpretation of oblique aerial photographs. Located in the immediate vicinity to the south-east of the development area the Leys of Marlee Stone Circle **S5** was excavated in 1998 (Gibson) while a watching brief was conducted during the re-erection of a stone struck by a lorry (Barton 2008). Close to the development area to the south-west archaeological work was undertaken by CFA Archaeology Ltd (CFA 1993, 2007). This work involved a resistivity survey and several trenches that uncovered several cut features and a ditched enclosure at Burnside (Canmore ID: 28889).

#### Known Archaeological Sites

- 7. The desk-based assessment identified two sites; S1 and S2 within the proposed development area that were protected for their archaeological or historical merit under historic environment designation as Scheduled Monuments (see Table 1 & Figure 1). However, only one site; S2, was located within the evaluation area. These sites comprise of suspected ring ditches that are funerary sites, referred to as Leys of Marlee S1 and S2, and both have been ploughed level with any surviving features surviving beneath the depth of the ploughing. The ring ditches of S1 and S2 demonstrate the potential for Bronze Age funerary and ritual activity in the area and may relate to other neighbouring features.
- 8. Evidence for broader prehistoric activity within the development area is S3 which potentially represents an expansion of the features in S1 into a cemetery (RCAHMS 1994, 17). S3 is a complex of archaeological features including pits and a possible barrow within the proposed development area and in the immediate proximity of ring ditches (S1 & S2). This may be comparable to features excavated at Burnside (CFA 1993) where the fills of the features were denatured and did not contain any dateable artefacts. These features were all identified by cropmarks and should provisionally be considered as ancillary activity associated with the more notable sites (S1, S2 & S5).

- 9. A third Scheduled Monument exists within the immediate vicinity. The upstanding Stone Circle of Leys of Marlee Farm **S5** comprises six upright stones forming an oval shaped stone circle, bisected by the modern B947, and lies just outside the development area to the south-east. Most of these stones have been either moved and/or re-erected though four original sockets identified by excavation (Gibson 1988) suggest this may have been a rectilinear setting originally. The stones are either on the road verge, marked with chevron warning signs to prevent repeat vehicle strikes, or within the adjacent agricultural fields separated by post and wire fences. Sporadic trees and overgrown hawthorn bushes are present within the same road verge.
- 10. The stone circle probably dates from the late Neolithic to the early Bronze Age. Stone Circles in the British Isles are most likely to have served a ritual or ceremonial purpose, particularly in relation to solar and/or lunar alignments. In a minority of cases, some were also used as cemeteries, with burials being made in and around the circle.
- A further two undesignated sites are recognised to exist within the development area and adjacent to it. Ardblair S6 is a series of features recognised from aerial photographs and to the immediate north of S5. These features may be associated with the sites (S1, S2 & S3) and continue to represent the potential for prehistoric activity in the area.
- 12. Within the proposed development area there are the potential remains of a farmstead with two buildings labelled Broomend **S4** located on the western edge next to the road. The farmstead was absent from Roy's Military Survey (1747-52; Figure 2a) but present on both Stobie's (1783; Figure 2b) and Thomson's (1832; Figure 3a) surveys, but is gone by the 1st edition Ordnance Survey (1867; Figure 3b). It is likely that this settlement originated in the early Improvements of the mid to late 18th century and was removed during consolidation of farms in the early to mid-19th century.

## Project Works

- 13. An archaeological evaluation was undertaken over nine days from the 5<sup>th</sup>-15<sup>th</sup> October 2015, and was carried out in keeping with the methods outlined in the Method (Klemen 2015). This evaluation consisted of the excavation of a series of intrusive trenches to expose a 6% sample of the development area, which was approximately 17.8 ha, and therefore a minimum of 10680m<sup>2</sup> was to be archaeologically examined.
- 14. Two tracked excavators were used throughout the works with one; a CAT 320L used to open the trenches with a smooth 2.1m ditching bucket used to remove the topsoil down to the level of the uppermost archaeological horizon or the subsoil, and the second; a Volvo EC440CL used to backfill the trenches. In total 5420.8 linear metres of trenching was excavated which equated to 10745.40m<sup>2</sup>, slightly exceeding the required 6% sample.
- 15. Trenches: 20 to 22, 25, 51 to 53, 57 to 59 and 67 to 70 were all moved from the proposed layout as they fell within the buffer for the mains water pipe. The position of the trenches is shown on the site plan (Figure 4). Trenches 63 to 65 and 71 to 73 in the northeast of the proposed development area were to be left aside for Leys of Marlee Farm.
- 16. The site plan (Figure 4) depicts two boundaries for the scheduled monument that was within the area of the evaluation. The northern of the two is the area defined at the time of the evaluation within the Historic Environment Scotland GIS layer for scheduled monuments. However, the aerial transcription sourced from Historic Environment Scotland provided an accurate location for the cropmark feature enabling an alternate area (the southern area) to be defined based on the scheduling document for this monument. On a precautionary basis, both areas were excluded from any impact by these intrusive evaluation works.
- 17. The proposed development site consisted of three rectangular north-south aligned fields and all had recently been harvested. The site is bounded to the west by Palace Road the B947 to the south, open fields to the east and woodland to the north. The topography of the area is flat to the south and descends to the north. (Figure 5a & 5b).

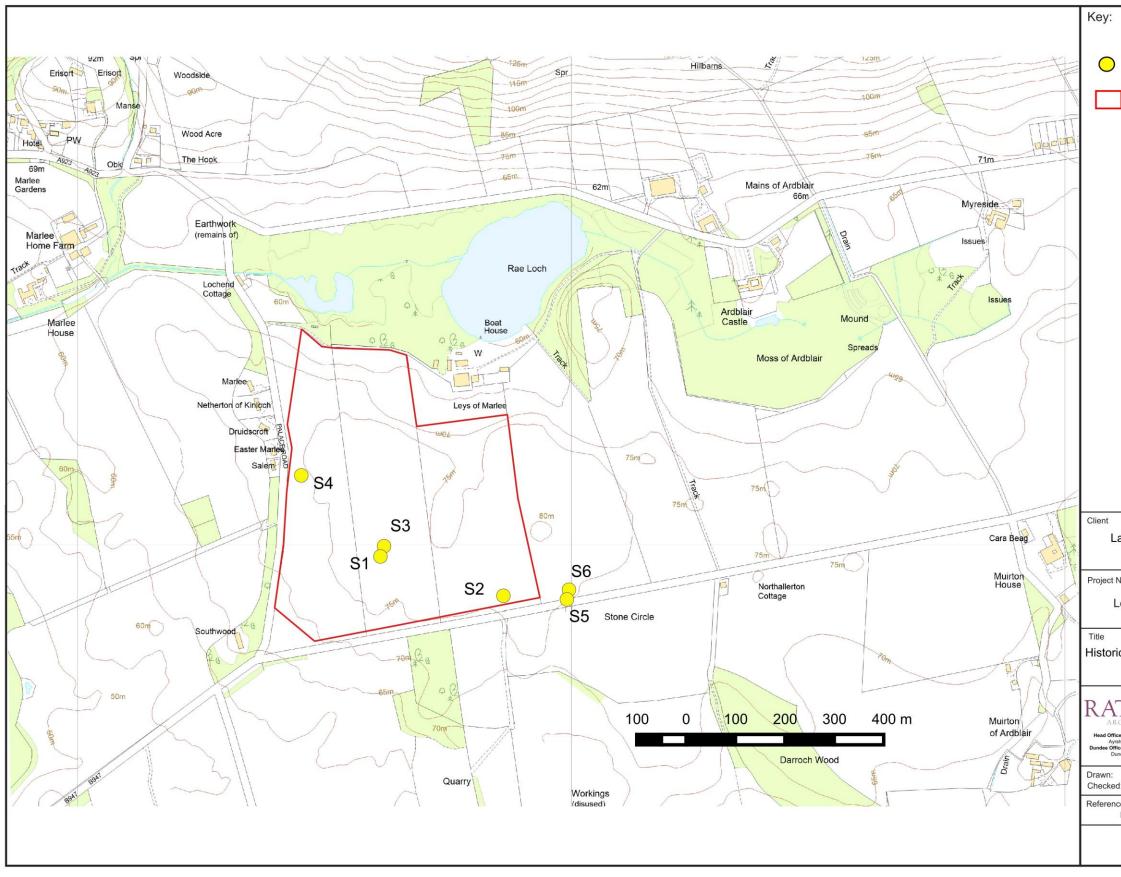


Figure 1: Location Map showing Historic Environment Sites (see Table 1)

Historic Environment Site S1-S6 Development Area
aird Aggregates
Name Leys of Marlee
ic Environment Sites
THALOLOGY LTD RCHAEOLOGY LTD ter: Unit 8 Ashgrove Workshops, Kilwinning, nhire KA13 GPU. Tel: 01294 542848 fice: North 32 Office: Centre, 48 Loons Road, undee DD3 GAP. Tel: 01382 645085
PK Date: 21.10.2015 d: TR Sheet: A3
ce No. RA12061/DSR/1

Site	Name	UID & Designation	NGR Ref:	Description
S1	Leys of Marlee ring-ditch	Scheduled Monument Index: 7170 Canmore ID: 28915	NO 15616 43977	Air photography has recorded the cropmarks of a ring-ditch with a central pit, probably a barrow, on a low flat- topped ridge 370m SSW of Leys of Marlee steading. It measures about 8m in diameter within its ditch. This area is as been identified as being of national significance and is a scheduled monument. It is an element of a potential larger complex of features identified as Canmore ID: 28915. What may be traces of a second, smaller, barrow are visible to the WNW, amongst the probable pits and other indeterminate features scattered across the field. Information from Historic Scotland, scheduling document dated 22 January 2001.
S2	Leys of Marlee ring ditch	Scheduled Monument Index: 7171 Canmore ID: 71608	NO 15863 43883	Aerial photography has recorded the cropmark of a ring-ditch (which probably represents a barrow) 450m S of Leys of Marlee steading. It measures about 7m in diameter within its ditch, and has a central pit. Scheduled as Leys of Marlee, ring-ditch 450m S of Information from Historic Scotland, scheduling document dated 22 January 2001.
S3	Leys of Marlee	Canmore ID: 28915	NO 15616 43977	Aerial photography has recorded the cropmark of a ring-ditch (which probably represents a barrow) 450m S of Leys of Marlee steading. It measures about 7m in diameter within its ditch, and has a central pit. As well as a second smaller barrow among probable pits and other indeterminate features and a field boundary that runs NE to SW
S4	Broomend			This collection of structures, presumably a fermtoun, to the east of the roadway running north to south on the western side of the development area is depicted on Stobie's (1783) and remains on Thomson's (1832) survey of Perth and Clackmannan but gone by the 1st Edition Ordnance Survey.
S5	Leys of Marlee Farm stone circle, 460m SE of Blairgowrie- Lethendy Road,	Scheduled Monument Index: 1560 Canmore ID: 28881	NO 15990 43892	This much-disturbed stone circle is cut by the public road (B947). It comprises six stones forming an oval or elliptical shape measuring 16m by 15m, however, upto four of the stones are probably in their original positions, and the remainder have fallen and been re-erected.
S6	Ardblair	Canmore ID: 68300	NO 160 439	A possible pit-alignment, a field boundary and some frost wedges have been recorded as cropmarks on oblique aerial photography (RCAHMSAP 1988) in the field immediately N of Leys of Marlee stone-circle. This abuts the development area.

 Table 1: Historic Environment Sites within the Development area

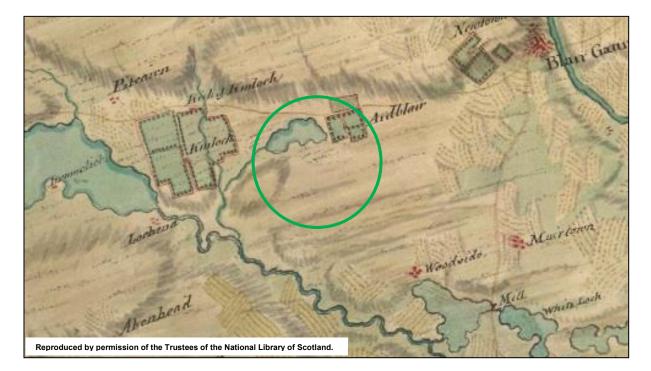


Figure 2a: Extract from Roy's Military Survey of Scotland, Highlands, 1747-52)

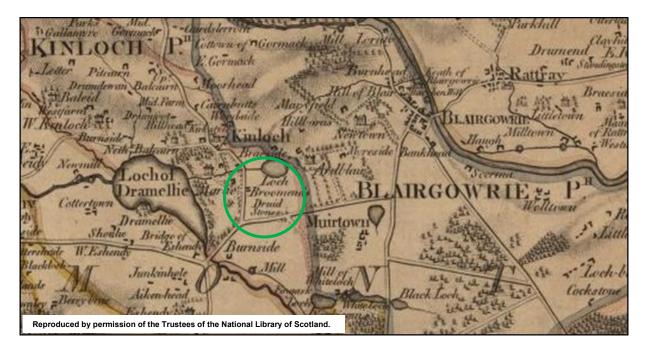


Figure 2b: 6-inch 1st edition Ordnance Survey (1866)



Figure 3a: Extract from Thomson's *Perthshire and Clackmannan* 1832 survey.

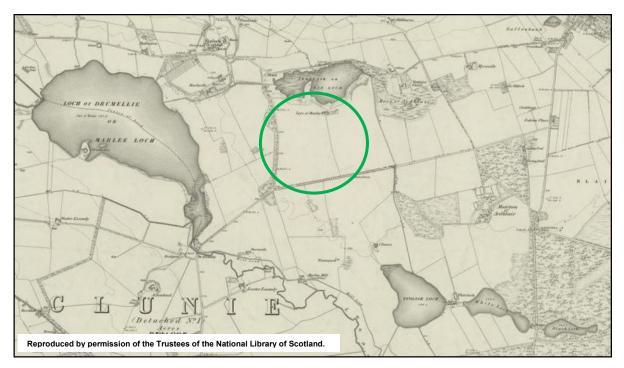


Figure 3b: Extract from 6-inch 1<sup>st</sup> Edition Ordnance Survey 1867.

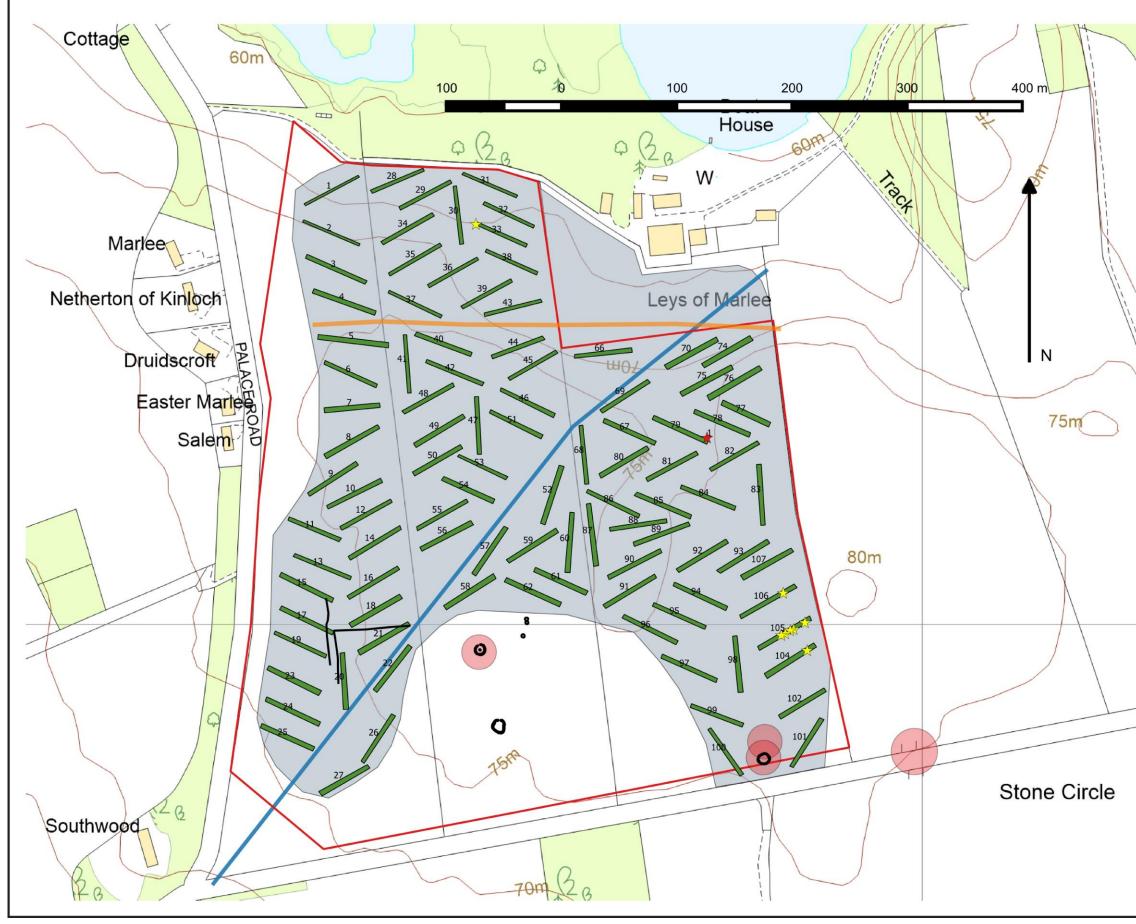


Figure 4: Plan of trenches as excavated

Key:	
·	Crop Marks
_	Power Lines
*	Stone Axe
☆	Archaeological Feature
	Scheduled Monument (Per legal document)
	Schedule Monument (Per HS)
	Trenches
	Anticipated Application Boundary
_	Utility (water pipeline)
	Extraction Boundary
Client	aird Brothers
	and brothers
Project N	0.0000000000000000000000000000000000000
	eys of Marlee erth & Kinross
Title	
0.000	Trench Plan
RA	
Ayrs Dundee Offic	e: Unit 8 Ashgrove Workshops, Kilwinning, hire KA13 6PU. Tel:. 01294 542848 ce: North Tay Office Centre, 48 Loons Road, idee DD3 6AP. Tel: 01382 645065
Drawn: Checkec	DiG Date: 27.11.2015 I: CW Sheet: A3
Referenc	e No. RA12061/DSR/4

18. All works were conducted in accordance with Perth & Kinross Heritage Trust's Terms of Reference, the Chartered Institute for Archaeologists' Standards and Policy Statements and Code of Conduct and Historic Environment Scotland Policy Statements.

## Findings

- 19. In total, 101 evaluation trenches were excavated across the proposed development area. The proposed development area consisted of three separate fields, delineated by modern fence lines. The trenches were excavated until the uppermost archaeological horizon, or sterile natural subsoil was encountered. The details of the trenches can be found in Appendix 1 within this report.
- 20. The topsoil (001) was the same across the entirety of the three fields. Topsoil (001) covered all the trenches and consisted of mid grey to mid brown sandy silt, containing occasional small to medium stone inclusions. The topsoil thickness ranged from 240mm to 690mm thickness. The natural subsoil across all three fields was generally (002) (Figure 6a), with rare areas of natural subsoil (003) and (028) also encountered. Subsoil (002) consisted of mid orange/brown silty sand, containing occasional small stone inclusions. Subsoil (003) was light to mid yellow/brown sand, containing occasional small stones, while subsoil (028) was brown sand (mottled yellow) with occasional small stones inclusions.

#### Archaeological Features

- 21. The evaluation found a number of potential archaeological features, concentrated within three trenches at the south-east corner of the development area. Trenches 104, 105 and 106 were adjacent to each other, located at the south end of the easternmost field. Seven potential archaeological features were found in this area in total.
- 22. Feature [004] (Figure 6b & 10) was found at the north-east end of Trench 104, the most southern of the three trenches in the area. The feature was oval on plan and measured 800mm by 700mm by 420mm deep. The sides were steeply sloping, culminating in a rounded base. The feature was filled by deposit (005) which was moderately compacted, mid grey silty sand containing frequent angular and sub-angular stones.
- 23. Trench 105 contained 5 similar features, located at central and north-eastern points of the trench. These were [006] (Figure 7a), [008], [010] (Figure 10), [012] and [014] (Figure 7b & 8a), which were filled by very similar deposits. These were (007), (009), (011), (013) and (015) respectively. These deposits consisted of moderately compacted mid grey silty sand with rare to occasional sub-angular and sub-rounded stone inclusions.
- 24. The features varied in shape, ranging from sub-oval and sub-circular to oval and circular on plan. In section the features also varied; [006] had steeply sloping sides with a flat base; [008] and [104] had gently sloping sides with a flat base. Feature [010] had moderately sloping sides and a flat base; the sides of [012] varied from gently to steeply sloping, also culminating in a flat base.
- 25. The dimensions of the features also varied; the largest of the features in this trench was [010], which measured 1.1m by 700mm by 280mm deep. The smallest of the features was [012], which was 400mm by 350mm by 150mm deep. Feature [006] measured 700mm by 550mm by 180mm deep, while [008] measured 400mm by 380mm by 160mm deep. Feature [014] was 800mm by 700mm by 100mm deep.
- 26. Trench 106 was located immediately north of Trench 105. One feature was found within this trench, located at the south-west end. Feature [016] (Figure 8b) was oval on plan and measured 1.2m by 800mm by 120mm deep. The sides of the feature were steeply sloping, culminating in a flat base. The feature was filled by deposit (017), moderately compacted, mid grey silty sand, containing one large stone. Evidence of burning was encountered at the SSW side of the base.
- 27. To the north-west of these trenches, Trench 79 was located roughly in the central area of the eastern field. One feature was found within this trench, [018], which was sub-circular on plan and measured 1.35m by 810mm by 140mm deep. The feature had gently sloping sides with an irregular base, and was filled by deposit (019); loose/ moderately

compacted mid grey/black silty sand mottled yellow and brown (Figure 9a).

- 28. Moving west to the central field, the excavation of Trench 33 exposed feature [024] (Figure 10), a possible pit. The feature was sub-circular on plan and measured 1.15m by 930mm by 280mm deep. The sides were steeply sloping and culminated in a rounded base. It was filled by (026) (primary fill) and (025) (secondary fill). Deposit (026) was moderately compacted, charcoal rich sandy silt with frequent medium sized stones. This deposit measured 150mm deep. Deposit (025) was moderately compacted mid brown clayey silt, with frequent small stones and occasional medium stones, some of which exhibited evidence of burning.
- 29. In addition to these features discussed above, three natural features were encountered during the evaluation works. These were investigated in order to demonstrate that they were natural and not man-made. Still in the central field, feature [020] was encountered within Trench 45. This was linear on plan, orientated NNW to SSE. As visible this feature measured 2m long by 2.6m wide, with a maximum depth of 220mm (NNW and SSE extents obscured by limits of excavation). The sides and base of the feature were irregular with no real form, suggesting this is of natural origin rather than anthropic. It was filled by (021), moderately compacted mid grey/brown silty sand with occasional small stone inclusions.
- 30. A tree bole was also encountered within Trench 45, feature [022]. This feature was suboval on plan and measured 900mm by 800mm by 50-160mm deep. The sides of the feature and the base were irregular; the feature was filled by (023), moderately compacted dark grey/black sand (mottled brown) with occasional small stones and charcoal inclusions.
- 31. Another tree bole was encountered at the north end of the western field within Trench 1, feature [030]. This was an irregular feature on plan; the northern side of the feature was nearly rounded, while the southern edge of the feature was straight. It measured 2.5m long by 2m wide by 370mm maximum depth, and was filled by (032) (primary fill) and (031) (secondary fill). Deposit (032) consisted of loosely compacted charcoal rich clayey sand, which was 120mm maximum thickness. Deposit (031) was moderately compacted dark grey silt, with frequent charcoal inclusions, and measured 250mm maximum thickness.
- 32. Excavations on site also exposed the presence of a water pipe [027], the cut of which was exposed within Trench 31. This was orientated north-east to south-west, and was linear in nature. The feature measured 6.5m long, and was 200mm wide. The location of the water pipe had been confirmed by the farmer who advised on its location.
- 33. No archaeological features were encountered within the area of the cropmarks in the western most field.

#### Artefacts

- 34. One artefact was recovered during the excavations. This was a Neolithic stone axe, originating between 3250 and 1750BC (Figure 9b). The object measured 127 mm in length (measured from the butt to the end of the largely-incomplete cutting edge), 67mm wide and 32mm thick. Made from a dark grey igneous rock (provisionally identified as diorite), it had a symmetrical horizontal profile and a slightly asymmetrical side profile: in overall shape, it was of medium thickness with a fairly flat side profile which tapered evenly towards butt and cutting edge. The axe was small in size, with a rounded butt: using Manby's classificatory scheme of 1979, it has been provisionally placed within 'Class 2C,' i.e. axes with a thin broad butt, which have been finished using a combination of pecking and grinding.
- 35. The sides and faces of the axehead had been roughly pecked to form a flat, though pitted surface, while the cutting edge had been finely polished to a fine smooth finish. What was interesting and unusual was that one face of the axehead had been more carefully polished over its full extent (from cutting edge to butt), giving a markedly smoother appearance to a surface that nonetheless remained pitted and rough (compared to the butt) over much of its length. This difference may be the result of manufacture, or use-

wear: either way, it suggests that the object's use (or display) was one-sided, though the axehead itself was certainly created as a three-dimensional object fully capable of use. No traces of a haft survive.

36. The axehead has been damaged around butt and cutting edge, but the body of the object remains in excellent condition, with little evidence of scoring or even scratching. Substantial flakes have been removed from the cutting edge, almost completely eradicating this feature along its entire length, with small flakes removed from the rounded butt, which is asymmetrical in character, perhaps through wear. It is possible, therefore, that this axehead was deliberately damaged prior to discard.

#### Discussion

- 37. All of the trenches revealed a natural subsoil which varied between a moderately to firmly compacted, silt and sand with moderate to occasional small stone and gravel inclusions across the proposed development site. This varied in colour from mid orange brown (002), light to mid yellow brown (003) and a mottled yellow brown (028).
- 38. A number of features were found to be cut into the upper surface that were concluded to be both natural and significant. In total eight significant features were recorded in Trenches 33, 104, 105 and 106. These features would suggest possible prehistoric activity.
- 39. The features recorded in Trenches 104, 105 and 106 are located on higher ground that rises to the northeast of **S1**. There is evidence along one side of the longest edges of the features; particularly the larger features of [004], [006], [010], [014] and [016] that has the character where something of some weight has been levered in as the edge has a more gentle break of top slope than the opposite edge. This may suggest that they are the remains of stone sockets.
- 40. The fact that the majority of base's are flat and not excavated into the natural, which forms a good compacted surface to rest/sit upon, further supports the suggestion that these features were used to take or hold some form of standing monument/feature.
- 41. The possible pit [024] demonstrates the potential for isolated features to exist across the proposed development area. The presence for a primary and secondary fill that both contained evidence for burning in the form of charcoal in (026) and burnt stone in (025) suggests the deliberate deposition into the pit.
- 42. It is possible that the pit demonstrates a practical function. The presence of burnt stone and charcoal throughout the two deposits may suggest that [024] is some form of cooking pit or 'pit oven' where the stones are heated up and then the radiating heat cooks the food.
- 43. The fact that no artefacts were recovered would suggest that it is unlikely to be a ritual feature. Further to this, the location of trench 33 at the lower north end of the site and relatively close to Rae Loch; which itself may well have been larger in the past, lends further support that it may have functioned as some form of 'pit oven' associated with cooking resources from the Loch.
- 44. The recovery of a near complete Neolithic polished stone axe further demonstrates that the area has the potential for the recovery of both significant prehistoric features and artefacts that are linked to the evidence of prehistoric activity within the immediate landscape. Unfortunately as it was recovered on top of the ploughsoil nothing can be commented on the deposition of the artefact.



Figure 5a: Topography to the south of the proposed development area



Figure 5b: Topography to the north of the proposed development area



Figure 6a: Demonstrating context (002)



Figure 6b: Feature [004] fully excavated Trench 104 from the south



Figure 7a: Feature [006], Trench 105 from the north



Figure 7b: Feature [014], Trench 105 from the north



Figure 8a: Feature [014], Trench 105 from the south



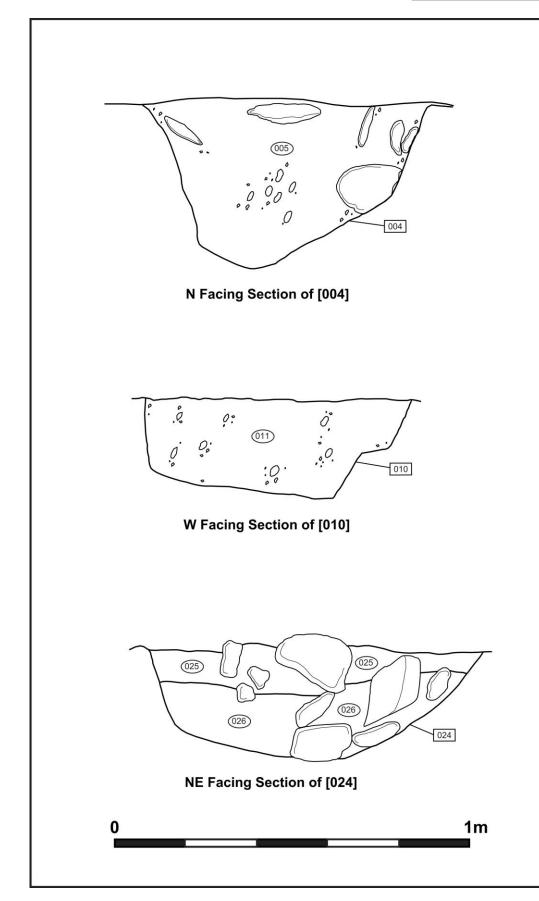
Figure 8b: Feature [016], Trench 106



Figure 9a: Feature [018], Trench 79



Figure 9b: Neolithic Stone Axe recovered 1m from the edge of Trench 79



View of Feature [004] from the West



View of Feature [010] from the North



View of Feature [024] from the Northeast

Figure 10: Section drawings of feature [004], [010] and [024]

Key:	
	Context boundary
$\bigcirc$	Stone
(005)	Context Number
$\smile$	Cut Number
	outhumbor
Client	
	Laird Brothers
Project Na	<i></i>
	Leys of Marlee Quarry
Title	
Fea	tures [004], [010] and [024]
	anu [024]
	HAEOLOGY LTD
Head Office: Ayrshir Dundee Office:	Unit 8 Ashgrove Workshops, Kilwinning, e KA13 6PU, Tel.: 01294 542848 North Tay Office Centre, 48 Loons Road, e DD3 6AP. Tel: 01382 645065
Drawn: Checked:	LMcK Date: 27/11/2015 PK Sheet: A3
Reference F	No. RA12061/002

45. The potential deliberate damaging of the artefact before discarding is a phenomenon observed on a variety of artefacts throughout British and European Prehistory. The provisional diorite identification is a relatively rare rock with two sources in the UK; Leicestershire and Aberdeenshire.

### Conclusion

- 46. A programme of archaeological works was required by Dalgleish Associates, on behalf of their client Laird Brothers in respect of the proposed extraction of sands and gravels at Leys of Marlee, Perth and Kinross (centred on NGR: NO 1564 4407).
- 47. The archaeological investigative works consisted of an intrusive evaluation which was designed to assess a 6% sample of the proposed development area. In total 10745.40m<sup>2</sup> was excavated, slightly exceeding the required 6% sample.
- 48. All of the trenches revealed a natural subsoil which varied between a moderately to firmly compacted, silt and sand with moderate to occasional small stone and gravel inclusions across the proposed development site. This varied in colour from mid orange brown (002), light to mid yellow brown (003) and a mottled yellow brown (028).
- 49. With the lack of any intensive modern development within the area and the location of two prehistoric sites within the proposed development area and a number of prehistoric sites within the immediate landscape, there was the potential for prehistoric features to have been recovered.
- 50. A number of features were found to be cut into the upper surface that were concluded to be a mixture of natural and archaeologically significant. In total eight significant features were recorded in Trenches 33, 104, 105 and 106. These features would suggest possible prehistoric activity.
- 51. The recovery of a near complete Neolithic polished stone axe further demonstrates that the area has the potential for the recovery of both significant prehistoric features and artefacts that are linked to the evidence of prehistoric activity within the immediate landscape.

### Acknowledgements

52. We are grateful to Dalgleish Associates, who acting on behalf of Laird Brothers provided us the opportunity to carry out these works and for ensuring that the on-site works ran smoothly.

## References

#### Documentary

Barton, T 2008 'Leys of Marlee Stone Circle, Blairgowrie, Perth and Kinross (Kinloch parish), watching brief and limited excavation', *Discovery Excav Scot*, 2008, 150

CFA 1993 'Burnside enclosure, Blairgowrie (Kinloch parish): enclosure', *Discovery Excav Scot*, 1993, 102 fig. 44.

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#### Cartographic

1582-96	Pont, T	<i>Garry, Tummel and Upper Tay: Dunkeld to Blairgowrie</i>
1654	Bleau, J	Bleau's Atlas of Scotland
1747-52	Roy, W	Military Survey of Scotland (Highlands)
1783	Stobie, J	The Counties of Perth and Clackmannan
1832	Thomson, J	Perthshire and Clackmannan
1867	Ordnance Survey	1 <sup>st</sup> edition Ordnance Survey, Sheet LI

## 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	Orientation	Size	Topsoil Depth	Subsoil Character	Modern/Natural Features	Significant Features	Artefacts
1	NE-SW	2m by 52.3 104.6m <sup>2</sup>	480mm to 300mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	Modern water pipe that feeds Leys of Marlee Farm.	None	None
					At +27m a roughly linear feature was recorded (030) with two charcoal rich deposits (031) & (032). Considered to be natural due to the uneven nature of the form and cut.		
2	SE-NW	2m by 53.4m 106.8m²	340mm to 400mm	The subsoil for the first +41.5m is formed by a moderately compacted orange brown gravel and sand (002). The remaining length of the trench is characterised by a moderately compacted yellow sand with occasional small gravel inclusion (003).	None	None	None
3	SE-NW	2m by 54.9 109.8m²	390mm to 570mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	None	None	None
4	SE-NW	2m by 57.6m 115.2m²	300mm to 540mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	None	None	None
5	SE-NW	2m by 59.9m 119.8m²	520mm to 450mm	The subsoil for the first +5.5m is characterised by a moderately compacted yellow sand with	None	None	None

Trench	Orientation	Size	Topsoil Depth	Subsoil Character	Modern/Natural Features	Significant Features	Artefacts
				occasional small gravel inclusion (003). The subsoil for the rest of the length is formed by a moderately compacted orange brown gravel and sand (002).			
6	SE-NW	2m by 50m 100m²	500mm to 400mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	None	None	None
7	E-W	2m by 50 100m²	300mm to 300mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	None	None	None
8	NE-SW	2m by 53.7m 107.4m²	400mm to 640mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	None	None	None
9	NE-SW	2m by 50.2m 100.4m²	500mm to 400mm	The subsoil for the first +46.5m is formed by a moderately compacted orange brown gravel and sand (002). The remaining length is formed of a moderately compacted yellow sand with occasional small gravel inclusion (003).	None	None	None
10	SW-NE	2m by 52m 104m²	300mm to 500mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	None	None	None
11	NW-SE	2m by 50.1m 100.2m²	270mm to 470mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	None	None	None
12	SW-NE	2m by 50.2m 100.4m²	380mm to 350mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	None	None	None
13	NW-SE	2m 50.9m	460mm to	The subsoil for the whole length is formed by a moderately compacted	None	None	None

Trench	Orientation	Size	Topsoil Depth	Subsoil Character	Modern/Natural Features	Significant Features	Artefacts
		101.8m <sup>2</sup>	690mm	orange brown gravel and sand (002).			
14	NE-SW	2m by 51.5m 103m <sup>2</sup>		The first +3.5m is formed by a moderately compacted yellow sand with occasional small gravel inclusion (003). The remaining length of the trench is formed by a moderately compacted orange brown gravel and sand (002).	None	None	None
15	NW-SE	2m by 48.9m 97.8m <sup>2</sup>	380mm to 610mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	None	None	None
16	NW-SE	2m by 49.5m 99m²	410mm to 350mm	The first +31.5m is The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002). This changes to (003) for 8m with the remaining length of trench formed by (002).	None	None	None
17	NW-SE	2m by 50.4m 100.8m <sup>2</sup>	290mm to 330mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	None	None	None
18	SW-NE	2m by 51m 102m²	500mm to 380mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	None	None	None
19	ESE-WNW	2m by 49.2m 98.4m <sup>2</sup>	330mm to 450mm	The subsoil for the first +40m is formed by a moderately compacted orange brown gravel and sand (002). Then changes to (003) for 3.5m and changes back to (002) for the remaining length of the trench.	None	None	None
20	N-S	2m by 50m 100m <sup>2</sup>	350mm to 600mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	There is possible evidence for the mains water pipe at +33 for 11m	None	None

Trench	Orientation	Size	Topsoil Depth	Subsoil Character	Modern/Natural Features	Significant Features	Artefacts
					of the trench.		
21	NE-SW	2m by 49.6m 99.2m <sup>2</sup>	400mm to 400mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	None	None	None
22	SW-NE	2m by 50.5 101m²	350mm to 370mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	None	None	None
23	ESE-WNW	2m by 50.7m 101.4m <sup>2</sup>	350mm to 320mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	None	None	None
24	SE-NW	2m by 50.5m 101m²	330mm to 380mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	None	None	None
25	WNW-ESE	2m by 50.2 100.4m <sup>2</sup>	290mm to 340mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	None	None	None
26	NE-SW	2m by 50.1m 100.2 m²	270mm to 300mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	None	None	None
27	NE-SW	2m by 50.2m 100.4m <sup>2</sup>	340mm to 300mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	None	None	None
28	E-W	2m by 50.3 100.6m <sup>2</sup>	260mm to 330mm	The first +16 m is formed by moderately compacted mottled yellow brown fine sand with occasional stones (028). The remaining length of trench is formed by (002).	None	None	None
29	SW-NE	2m by 49.4m 98.8m²	360mm to 320mm	The first +32.5m is formed by a moderately compacted orange brown gravel and sand (002). The remaining length of the trench is formed by	None	None	None

Trench	Orientation	Size	Topsoil Depth	Subsoil Character	Modern/Natural Features	Significant Features	Artefacts
				(028).			
30	N-S	2m by 48.7m 97.4m <sup>2</sup>	300mm to 300mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	None	None	None
31	E-W	2m by 54.4m 108.8m²	280mm to 460mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	At +13 a modern water pipe was recorded orientated NE-SW measuring 6m and 200mm wide.	None	None
32	NW-SE	2m by 49m 98m²	500mm to 350mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	None	None	None
33	NW-SE	2m by 50.5m 101m <sup>2</sup>	300mm to 300mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	None	At the NW end of the trench located at +1m a circular feature was recorded (024). Measuring 930mm N-S and 1.15m NW-SE with a maximum depth of 290mm. There were two fills (025) and (026). This represents a possible pit.	None
34	WSW-ENE	2m by 51.7m 103.4m²	240mm to 330mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	None	None	None
35	W-E	2m by 51.5m 103m²	280m to 260mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	None	None	None
36	SW-NE	2m by 50.5m 101m²	380mm to 350mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	None	None	None

Trench	Orientation	Size	Topsoil Depth	Subsoil Character	Modern/Natural Features	Significant Features	Artefacts
37	SE-NW	2m by 49.5m 99m²	260mm to 330mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	None	None	None
38	W-E	2m by 50.9m 101.8m <sup>2</sup>	330mm to 300mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	None	None	None
39	SW-NE	2m by 51.3 102.6m <sup>2</sup>	370mm to 480mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	None	None	None
40	SE-NW	2m by 51.4 102.8m <sup>2</sup>	370mm to 310mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	None	None	None
41	S-N	2m by 47.8m 95.6m <sup>2</sup>	410mm to 350mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	None	None	None
42	SW-NE	2m by 52m 104m²	380mm to 300mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	None	None	None
43	SW-NE	2m by 51.7m 103.4m²	370mm to 310mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	None	None	None
44	NE-SW	2m by 48.7m 97.4m <sup>2</sup>	310mm to 410mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	None	None	None
45	NE-SW	2m by 49.5m 99m²	300mm to 400mm	The subsoil for the first +28m is formed by a moderately compacted orange brown gravel and sand (002). This changes to (003) for 5m and then back to (002) for the remainder of the length.	At +24m a NNW-SSE linear with an irregular cut was recorded (020) and measured 2m wide by 2.6 in length. Gentle irregular sloping sides. The fill (021) was a moderately compacted, mid grey-	None	None

Trench	Orientation	Size	Topsoil Depth	Subsoil Character	Modern/Natural Features	Significant Features	Artefacts
					brown, silt/sand with occasional to moderate small stone inclusions. Represents a possible palaeochannel.		
					At +46m an irregular shaped in plan (022) was recorded. Measuring 900mm by 800mm and had a depth of 50- 160mm. The cut's sides were gradually sloping and irregular in places. The fil (023) was a moderately compacted, mixed dark grey- black/mid grey-brown, sand with occasional small stone and gravel and occasional to moderate charcoal chunk inclusions. Concluded to be tree/bush hole with some in-situ burning.		
46	NW-SE	2m by 49.5m 99m²	300mm to 400mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	None	None	None
47	N-S	2m by 48m 96m²	310mm to 360mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	None	None	None
48	SW-NE	2m by 51.3m 102.6m <sup>2</sup>	400mm to 420mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	None	None	None

Trench	Orientation	Size	Topsoil Depth	Subsoil Character	Modern/Natural Features	Significant Features	Artefacts
49	SW-NE	2m by 51.3m 102.6m <sup>2</sup>	390mm to 280mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	None	None	None
50	NE-SW	2m by 48.9m 97.8m <sup>2</sup>	300mm to 440mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	None	None	None
51	SE-NW	2m by 50.3m 100.6m <sup>2</sup>	320mm to 370mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	None	None	None
52	SSW-NNE	2m by 49.5m 99m²	3450mm to 320mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	None	None	None
53	SE-NW	2m by 48.5m 97m²	430mm to 330mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	None	None	None
54	NW-SE	2m by 50.6m 101.2m <sup>2</sup>	410mm to 480mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	None	None	None
55	NE-SW	2m by 50.4m 100.8m <sup>2</sup>	560mm to 490mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	None	None	None
56	NE-SW	2m by 49.2m 98.4m <sup>2</sup>	380mm to 510mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	None	None	None
57	SSW-NNE	2m by 49.5m 99m²	390mm to 370mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	None	None	None
58	NE-SW	2m by 48.7m 97.4m <sup>2</sup>	380mm to 410mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	None	None	None

Trench	Orientation	Size	Topsoil Depth	Subsoil Character	Modern/Natural Features	Significant Features	Artefacts
59	NE-SW	2m by 50.3m 100.6m <sup>2</sup>	400mm to 370mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	None	None	None
60	S-N	2m by 48.2m 96.4m <sup>2</sup>	280mmto 480mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	None	None	None
61	NW-SE	2m by 47.9m 95.8m²	280mm to 390mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	None	None	None
62	SE-NW	2m by 49.6m 99.2m <sup>2</sup>	380mm to 310mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	None	None	None
63	Not excavated						
64	Not excavated						
65	Not excavated						
66	SE-NW	2m by 55.8m 111.6m²	300mm to 480mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	None	None	None
67	NW-SE	2m by 50.4m 100.8m²	300mm to 360mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	None	None	None
68	N-S	2m by 46m 92m²	350mm to 410mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	None	None	None
69	NE-SW	2m by 53.1m 106.2m <sup>2</sup>	500mm to 400mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	None	None	None

Trench	Orientation	Size	Topsoil Depth	Subsoil Character	Modern/Natural Features	Significant Features	Artefacts
70	NE-SW	2m by 52.6m 105.2m²	380mm to 380mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	None	None	None
71	Not excavated						
72	Not excavated						
73	Not excavated						
74	SW-NE	2m by 51.3m 102.6m²	400mm to 550	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	None	None	None
75	SW-NE	2m by 54m 108m²	380mm to 360mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	None	None	None
76	E-W	3m by 55.8m 167.4m²	440mm to 400mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	None	None	None
77	SW-NE	3.2m by 53.5m 171.2m <sup>2</sup>	450mm to 440mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	None	None	None
78	SW-NE	2m by 54m 108m²	470mm to 420mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	None	None	None
79	SE-NW	2m by 51.3m 102.6m <sup>2</sup>	300mm to 410mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	At +8 (018) was a sub- circular shaped feature. Measured 1.35m by 810mm and had a depth of 140mm. The cut's sides were gently sloping and its base was	None	None

Trench	Orientation	Size	Topsoil Depth	Subsoil Character	Modern/Natural Features	Significant Features	Artefacts
					irregular. The fil (019) Loosely to moderately compacted, mixed mid grey-brown/dark grey- black/yellow, silt sand. A possible pit or natural depression.		
80	NE-SW	2m by 51.3m 102.6m²	420mm to 340mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	None	None	None
81	SW-NE	2m by 51.3m 102.6m <sup>2</sup>	540mm to 350mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	None	None	None
82	NE-SW	2m by 49.7m 99.4m²	350mm to 480mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	None	None	None
83	S-N	2.8m by 52.5m 105m <sup>2</sup>	400mm to 480mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	None	None	None
84	SE-NW	2m by 54.9m 109.8m²	310mm to 570mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	None	None	None
85	NNE-SSW	2m by 55.8m 111.6m²	440mm to 570mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	None	None	None
86	NW-SE	2m by 48.9 97.8m²	520mm to 410mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	None	None	None
87	S-N	2m by 51.2m 102.4m <sup>2</sup>	480mm to 550mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	None	None	None

Trench	Orientation	Size	Topsoil Depth	Subsoil Character	Modern/Natural Features	Significant Features	Artefacts
88	SW-NE	2m by 52.2m 104m²	380mm to 350mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	None	None	None
89	NE-SW	2m by 52.1m 104.2m²	370mm to 380mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	None	None	None
90	NE-SW	2m by 106.20m <sup>2</sup>	390mm to 420mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	None	None	None
91	SW-NE	2m by 49.40m 98.80 m²	430mm to 350mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	None	None	None
92	SW-NE	2m by 47.5m 95m²	330mm to 410mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	None	None	None
93	NE-SW	2m by 52m 104m²	420mm to 580mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	None	None	None
94	SE-NW	2m by 50m 100m²	350mm to 520mm	The subsoil for the first +14m was formed moderately compacted yellow sand with occasional small gravel inclusion (003). The remaining length of the trench was formed by moderately compacted orange brown gravel and sand (002).	None	None	None
95	NW-SE	2m by 50.50m 101m²	510mm to 390mm	The subsoil for the first +11m was formed moderately compacted yellow sand with occasional small gravel inclusion (003). The remaining length of the trench was formed by moderately compacted orange brown	None	None	None

Trench	Orientation	Size	Topsoil Depth	Subsoil Character	Modern/Natural Features	Significant Features	Artefacts
				gravel and sand (002).			
96	SE-NW	2m by 50.20m 100.40m <sup>2</sup>	420mm to 390mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	None	None	None
97	SE-NW	3.6m by 49.50m 178.20m <sup>2</sup>	390mm to 350mm	The subsoil for the first +22.50m is characterised by a moderately compacted orange brown gravel and sand (002), with the next 4m formed by a moderately compacted yellow sand with occasional small gravel inclusion (003). The subsoil for the remaining length was formed by (002) of the trench was.	None	None	None
98	S-N	3m by 60.3m 192.96m <sup>2</sup>	360mm to 450mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	None	None	None
99	SW-NE	2m by 50m 100m²	330mm to 310mm	The first +20m is formed by a moderately compacted orange brown gravel and sand (002). This changes to (0030 for the next 7m and then back to (002) for the remainder of the trench.	None	None	None
100	SSE-NNW	2m by 49.5m 99m²	430mm by 400mm	The first +7m is formed by a moderately compacted yellow sand with occasional small gravel inclusion (003). The subsoil for the remaining length is formed by a moderately compacted orange brown gravel and sand (002).	None	None	None
101	NE-SW	2m by 50m 100m²	340mm to 370mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	None	None	None

Trench	Orientation	Size	Topsoil Depth	Subsoil Character	Modern/Natural Features	Significant Features	Artefacts
102	NE-SW	2m by 49m 98m²	340mm to 370mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	None	None	None
103	SW-NE	2m by 52.1m 104.2m <sup>2</sup>	390mm to 280mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	Linear recorded at +40m measuring 2m by 500mm. Concluded to be modern due to the redeposited natural sitting on top of ploughsoil (001).	None	None
104	SW-NE	3.2m by 59m 188.8m <sup>2</sup>	420mm to 380mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	None	Recorded at +41.5m was an oval shaped feature (004) in plan. Measured 800mm by 700mm and had a depth of 420mm. The cuts sides were steeply sloping and its base was rounded. Possible stone socket.	None
105	SW-NE	3.6m by 54m 194.4m <sup>2</sup>	500mm to 350mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	None	In total five features were recorded. At 48.5m (006) was roughly oval shaped in plan. Measured 700mm by 550mm and had a depth of 180mm. The cut's sides were steeply sloping and its base was flat. Possible stone socket. At +34 (008) was roughly circular shaped in plan. Measured	None

Trench	Orientation	Size	Topsoil Depth	Subsoil Character	Modern/Natural Features	Significant Features	Artefacts
						400mm by 380mm and had a depth of 160mm. The cut's sides were gently sloping and its base was flat. Possible stone socket.	
						At +33 (010) Roughly oval shaped in plan. Measured 1.1m by 700mm and had a depth of 380mm. The cut's sides were moderately sloping and its base flat. Possible stone socket.	
						At +29.5m (012) was circular shaped in plan. Measured 400mm by 350mm and had a depth of 150mm. The cut's break of slope on its east side was sharp and gentle on its west side. Possible stone socket or post hole.	
						At +27m (014) was Roughly oval shaped in plan. Measured 800mm by 700mm and had a depth of 100mm. The cut's break of slope on its east and west sides was gentle and its base was flat. Possible stone	

Trench	Orientation	Size	Topsoil Depth	Subsoil Character	Modern/Natural Features	Significant Features	Artefacts
						socket.	
						All the fills; (009), (011), (013), (015) & (017) were all formed by a Moderately compacted, mid grey, silt/sand with one large rounded stone. The fill (005) was a moderately compacted, mid grey, silt/sand with frequent angular and sub-angular stone (size 100-200mm) inclusions.	
106	NE-SW	3.3m by 54.9m 181.17m <sup>2</sup>	380mm to 470mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	None	Recorded at +13m was an oval shaped in plan feature (016). Measured 1.2m by 800mm and had a depth of 120mm. The fill (017) Moderately compacted, mid grey, silt/sand with one large rounded stone. The fill (005) was a moderately compacted, mid grey, silt/sand with frequent angular and sub-angular stone (size 100-200mm) inclusions. Possible stone socket.	None
107	NE-SW	3.2m by 52.2m 167.04m <sup>2</sup>	500mm to 410mm	The subsoil for the whole length is formed by a moderately compacted orange brown gravel and sand (002).	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	Туре	Description	Interpretation
001	All trenches	Deposit	Mid grey brown, sand/silt with moderate small stone, occasional medium sized stone and gravel inclusions.	Topsoil/ploughsoil
002	All trenches	Deposit	Moderately to firmly compacted, mid orange brown, silt/sand with moderate to occasional small stone and gravel inclusions.	Natural subsoil
003	All trenches	Deposit	Moderately to firmly compacted, light to mid yellow brown, sand with occasional small stone and gravel inclusions.	Natural subsoil
004	T104	Cut	Oval shaped in plan. Measured 800mm by 700mm and had a depth of 420mm. The cuts sides were steeply sloping and its base was rounded.	Possible stone socket or posthole
005	T104	Fill	Moderately compacted, mid grey, silt/sand with frequent angular and sub-angular stone (size 100-200mm) inclusions. Similar to (001).	Fill of [004]
006	T105	Cut	Roughly oval shaped in plan. Measured 700mm by 550mm and had a depth of 180mm. The cuts sides were steeply sloping and its base was flat.	Possible stone socket
007	T105	Fill	Moderately compacted, mid grey, silt/sand.	Fill of [006]
008	T105	Cut	Roughly circular shaped in plan. Measured 400mm by 380mm and had a depth of 160mm. The cuts sides were gently sloping and its base was flat.	Possible stone socket
009	T105	Fill	Moderately compacted, mid grey, silt/sand with sub-angular and sub- rounded stone (size 100-300mm) inclusions.	Fill of [008]
010	T105	Cut	Roughly oval shaped in plan. Measured 1.1m by 700mm and had a depth of 380mm. The cuts sides were moderately sloping and its base flat.	Possible stone socket

	T105	Fill		Interpretation		
012			Moderately compacted, mid grey, silt/sand with infrequent small rounded stone (size 10mm) inclusions.	Fill of [010]		
	T105	Cut	Circular shaped in plan. Measured 400mm by 350mm and had a depth of 150mm. The cuts break of slope on its east side was sharp and gentle on its west side.	Possible stone socket or posthole		
013	T105	Fill	Moderately compacted, mid grey, silt/sand.	Fill of [012]		
014	T105	Cut	Roughly oval shaped in plan. Measured 800mm by 700mm and had a depth of 100mm. The cuts break of slope on its east and west sides was gentle and its base was flat.	Possible stone socket		
015	T105	Fill	Moderately compacted, mid grey, silt/sand.	Fill of [014]		
016	T106	Cut	Oval shaped in plan. Measured 1.2m by 800mm and had a depth of 120mm. The cuts base appeared to show signs of burning in its SSW end.	Possible stone socket		
017	T106	Fill	Moderately compacted, mid grey, silt/sand with one large stone inclusion within.	Fill of [016]		
018	T79	Cut	Sub-circular shaped in plan. Measured 1.35m by 810mm and had a depth of 140mm. The cuts sides were gently sloping and its base was irregular.	Cut of possible pit or natural depression		
019	Т79	Fill	Loosely to moderately compacted, mixed mid grey-brown/dark grey- black/yellow, silt sand	Fill of [018]		
020	T45	Cut	NNW-SSE orientated linear/irregular feature. Measured 2m long by 2.6m wide and had a depth of 100-220mm. The cuts sides were gently sloping and irregular in places. The cuts base was irregular.	Cut of possible paleo channel or base of natural depression		
021	T45	Fill	Moderately compacted, mid grey-brown, silt/sand with occasional to moderate small stone inclusions.	Fill of [020]		
022	T45	Cut	Irregular shaped in plan. Measured 900mm by 800mm and had a depth of 50-160mm. The cuts sides were gradually sloping and irregular in places. The cuts base was	Cut of tree/bush hole. Some insitu burning within it		
023	T45	Fill	Moderately compacted, mixed dark grey-black/mid grey-brown, sand	Fill of [022]		

Context No.	Area/ Trench	Туре	Description	Interpretation
			with occasional small stone and gravel and occasional to moderate charcoal chunk inclusions.	
024	Т33	Cut	Sub-circular shaped in plan. Measured 1.15m by 930mm and had a depth of 280mm.	Possible pit
025	Т33	Fill	Moderately compacted, mid brown, clayey silt with frequent small stone and occasional medium sized stone inclusions some of which appear to be burnt.	Secondary fill of [024]
026	Т33	Fill	Moderately compacted, charcoal rich deposit/sandy silt, with frequent medium sized stone inclusions. Fill was 150mm deep.	Primary fill of [024]
027	T31	Cut/fill	NE-SW orientated linear feature. Measured 6.5m long and had a width of 200mm.	Modern water pipe
028	Т29	Deposit	Moderately compacted, mottled yellow-brown, sand with occasional stone inclusions.	Natural subsoil
029	Т3	Deposit	Moderately compacted, mid brown with orange highlights, sandy silt with small to medium sized stone inclusions.	Hill wash
030	T1	Cut	Roughly linear shaped feature with rounded northern edge and straighter southern edge. Measured 2.5m by 2m and had a depth of 370mm.	Possible tree bole
031	T1	Fill	Moderately compacted, dark grey, silt with frequent charcoal inclusions. Fill was 250mm thick.	Upper fill within [031]
032	T1	Fill	Loosely compacted, mix of charcoal rich material and clayey sand. Fill was 120mm thick.	Lower fill within [031]

Photographic Register

Image	Print		Slide		Digital	Description	From	Date
No.	Film No.	Neg. No.	Film No.	Neg. No.	-			
001	-	-	-	-	3554	General shot of area from the south	S	05/10/15
002	-	-	-	-	3555	Post excavation view of Trench 96	SE	05/10/15
003	-	-	-	-	3556	Post excavation view of Trench 95	SE	05/10/15
004	-	-	-	-	3557	Post excavation view of Trench 94	NW	05/10/15
005	-	-	-	-	3558	Post excavation view of Trench 93	SW	05/10/15
006	-	-	-	-	3559	Post excavation view of Trench 92	SW	05/10/15
007	-	-	-	-	3560	Post excavation view of Trench 91	SW	05/10/15
800	-	-	-	-	3561	Post excavation view of Trench 90	SW	05/10/15
009	-	-	-	-	3562	Post excavation view of Trench 89	SW	05/10/15
010	-	-	-	-	3563	Post excavation view of Trench 88	SW	05/10/15
011	-	-	-	-	3564	Post excavation view of Trench 85	NW	06/10/15
012	-	-	-	-	3565	Post excavation view of Trench 84	NW	06/10/15
013	-	-	-	-	3566	Post excavation view of Trench 81	SW	06/10/15
014	-	-	-	-	3567	Post excavation view of Trench 66	NW	06/10/15
015	-	-	-	-	3568	Post excavation view of Trench 97	SE	06/10/15
016	-	-	-	-	3569	Post excavation view of Trench 98	S	07/10/15
017	-	-	-	-	3570	Post excavation view of Trench 104,	SW	07/10/15
018	-	-	-	-	3571	Post excavation view of Trench 104, flags showing features	NE	07/10/15
019	-	-	-	-	3572	Post excavation view of Trench 105, flags showing features	NE	07/10/15
020	-	-	-	-	3573	Post excavation view of Trench 106, flags showing features	NE	07/10/15
021	-	-	-	-	3574	Post excavation view of Trench 107	NE	07/10/15

Image	Print		Slide		Digital	Description	From	Date
No.	Film No.	Neg. No.	Film No.	Neg. No.				
022	-	-	-	-	3575	Post excavation view of Trench 93	NE	07/10/15
023	-	-	-	-	3576	Post excavation view of Trench 83	S	07/10/15
024	-	-	-	-	3577	Post excavation view of Trench 82	NE	07/10/15
025	-	-	-	-	3578	Post excavation view of Trench 78	SE	07/10/15
026	-	-	-	-	3579	Post excavation view of Trench 77	SE	07/10/15
027	-	-	-	-	3580	Post excavation view of Trench 76	NE	07/10/15
028	-	-	-	-	3581	Post excavation view of Trench 75	NE	07/10/15
029	-	-	-	-	3582	Post excavation view of Trench 79	SE	07/10/15
030	-	-	-	-	3583	Post excavation view Trench 67	NE	07/10/15
031	-	-	-	-	3584	Post excavation view Trench 67	SE	07/10/15
032	-	-	-	-	3585	Post excavation view Trench 80	SE	07/10/15
033	-	-	-	-	3586	Post excavation view of Trench 79, flag shows possible pit	SW	07/10/15
034	-	-	-	-	3587	Close up of possible pit in Trench 79	NE	07/10/15
035	-	-	-	-	3588	Post excavation view of Trench 74	SW	07/10/15
036	-	-	-	-	3589	Post excavation view of Trench 70	NE	07/10/15
037	-	-	-	-	3590	Post excavation view of Trench 69	NE	07/10/15
038	-	-	-	-	3591	Post excavation view of Trench 68	S	07/10/15
039	-	-	-	-	3592	Post excavation view of Trench 87	S	07/10/15
040	-	-	-	-	3593	Post excavation view of Trench 86	NW	07/10/15
041	-	-	-	-	3594	Feature [004], Trench 104, possible pit or stone socket	S	08/18/15
042	-	-	-	-	3595	Feature [004], Trench 104, possible pit or stone socket	E	08/18/15
043	-	-	-	-	3596	Feature [004], Trench 104, possible pit or stone socket	N	08/18/15

Image	Print		Slide		Digital	Description	From	Date
No.	Film No.	Neg. No.	Film No.	Neg. No.				
044	-	-	-	-	3597	Feature [004], Trench 104, fully excavated	S	08/18/15
045	-	-	-	-	3598	Feature [004], Trench 104, post excavation	N	08/18/15
046	-	-	-	-	3599	Feature [006]	E	08/18/15
047	-	-	-	-	3600	Feature [006]	N	08/18/15
048	-	-	-	-	3601	Feature [008]	W	08/18/15
049	-	-	-	-	3602	Feature [008]	N	08/18/15
050	-	-	-	-	3603	Feature [010]	N	08/18/15
051	-	-	-	-	3604	Feature [010]	W	08/18/15
052	-	-	-	-	3605	Feature [012]	W	08/18/15
053	-	-	-	-	3606	Feature [012]	N	08/18/15
054	-	-	-	-	3607	Feature [014]	W	08/18/15
055	-	-	-	-	3608	Feature [014]	S	08/18/15
056	-	-	-	-	3609	Feature [016]	NW	08/18/15
057	-	-	-	-	3610	Feature [018] in Trench 79	SE	08/18/15
058	-	-	-	-	3611	Backfilling in eastern field	SW	08/18/15
059	-	-	-	-	3612	Backfilled trenches in the eastern field	S	08/18/15
060	-	-	-	-	3613	Backfilled trenches in the eastern field (middle area)	W	08/18/15
061	-	-	-	-	3614	Post excavation view of Trench 62 (middle field)	NW	08/18/15
062	-	-	-	-	3615	Post excavation view of Trench 58	SW	08/18/15
063	-	-	-	-	3616	Post excavation view of Trench 57	NNE	08/18/15
064	-	-	-	-	3617	Post excavation view of Trench 59	SW	08/18/15
065	-	-	-	-	3618	Post excavation view of Trench 60	N	08/18/15

Image	Print		Slide		Digital	Description	From	Date
No.	Film No.	Neg. No.	Film No.	Neg. No.				
066	-	-	-	-	3619	Post excavation view of Trench 52	NNE	08/18/15
067	-	-	-	-	3620	Post excavation view of Trench 56	SW	08/18/15
068	-	-	-	-	3621	Post excavation view of Trench 55	SW	08/18/15
069	-	-	-	-	3622	Post excavation view of Trench 54	SE	08/18/15
070	-	-	-	-	3623	Post excavation view of Trench 53	NW	08/18/15
071	-	-	-	-	3624	Post excavation view of Trench 50	SW	08/18/15
072	-	-	-	-	3625	Post excavation view of Trench 49	NE	08/18/15
073	-	-	-	-	3626	Post excavation view of Trench 47	S	08/18/15
074	-	-	-	-	3627	Post excavation view of Trench 51	NW	08/18/15
075	-	-	-	-	3628	Post excavation view of Trench 46	SE	08/18/15
076	-	-	-	-	3629	Possible Palaeo-channel in Trench 45	NW	09/10/15
077	-	-	-	-	3630	Post excavation view of Trench 45	SW	09/10/15
078	-	-	-	-	3631	Burnt in-situ root bowl, Trench 45	NW	09/10/15
079	-	-	-	-	3632	Post excavation view Trench 100	NNW	09/10/15
080	-	-	-	-	3633	Post excavation view of Trench 99	SE	09/10/15
081	-	-	-	-	3634	Post excavation view of modern linear Trench 103	SE	09/10/15
082	-	-	-	-	3635	Post excavation view of Trench 103	NE	09/10/15
083	-	-	-	-	3636	Post excavation view of Trench 102	SW	09/10/15
084	-	-	-	-	3637	Post excavation view of Trench 101	SW	09/10/15
085	-	-	-	-	3638	Post excavation view of Trench 44	SW	09/10/15
086	-	-	-	-	3639	Post excavation view of Trench 48	NE	09/10/15
087	-	-	-	-	3640	Post excavation view of Trench 41	N	09/10/15

Image	Print		Slide		Digital	Description	From	Date
No.	Film No.	Neg. No.	Film No.	Neg. No.	-			
088	-	-	-	-	3641	Post excavation view of Trench 41	N	09/10/15
089	-	-	-	-	3642	Post excavation view of Trench 40	NW	09/10/15
090	-	-	-	-	3643	Post excavation view of Trench 43	NE	09/10/15
091	-	-	-	-	3644	Post excavation view of Trench 39	SW	09/10/15
092	-	-	-	-	3645	Post excavation view of Trench 36	SW	09/10/15
093	-	-	-	-	3646	Post excavation view of Trench 38	NW	09/10/15
094	-	-	-	-	3647	Post excavation view of Trench 38	N	09/10/15
095	-	-	-	-	3648	Post excavation view of Trench 33	NW	09/10/15
096	-	-	-	-	3649	Post excavation view of Trench 33	NE	12/10/15
097	-	-	-	-	3650	Pre excavation shot of feature [024]	NW	12/10/15
098	-	-	-	-	3651	Post excavation view of feature [024]	E	12/10/15
099	-	-	-	-	3652	Post excavation view of Trench 32	N	12/10/15
100	-	-	-	-	3653	Post excavation view of Trench 31	SE	12/10/15
101	-	-	-	-	3654	Post excavation view of Trench 30	W	12/10/15
102	-	-	-	-	3655	Post excavation view of Trench 37	W	12/10/15
103	-	-	-	-	3656	Post excavation view of Trench 35	WSW	12/10/15
104	-	-	-	-	3657	Post excavation view of Trench 34	SW	13/10/15
105	-	-	-	-	3658	Post excavation view of Trench 29	E	13/10/15
106	-	-	-	-	3659	Post excavation view of Trench 28	NE	13/10/15
107	-	-	-	-	3660	Post excavation view of Trench 26	NE	13/10/15
108	-	-	-	-	3661	Post excavation view of Trench 27	WNW	13/10/15
109	-	-	-	-	3662	Post excavation view of Trench 25	NW	13/10/15

Image	Print		Slide		Digital	Description	From	Date
No.	Film No.	Neg. No.	Film No.	Neg. No.	1			
110	-	-	-	-	3663	Post excavation view of Trench 24	ESE	13/10/15
111	-	-	-	-	3664	Post excavation view of Trench 23	ESE	13/10/15
112	-	-	-	-	3665	Post excavation view of Trench 19	S	13/10/15
113	-	-	-	-	3667	Post excavation view of Trench 20	NE	13/10/15
114	-	-	-	-	3668	Post excavation view of Trench 22	SW	13/10/15
115	-	-	-	-	3669	Post excavation view of Trench 21	SE	13/10/15
116	-	-	-	-	3670	Post excavation view of Trench 17	NE	14/10/15
117	-	-	-	-	3671	Post excavation view of Trench 18	SW	14/10/15
118	-	-	-	-	3672	Post excavation view of Trench 16	NW	14/10/15
119	-	-	-	-	3673	Post excavation view of Trench 15	SE	14/10/15
120	-	-	-	-	3674	Post excavation view of Trench 13	SW	14/10/15
121	-	-	-	-	3675	Post excavation view of Trench 14	NW	14/10/15
122	-	-	-	-	3676	Post excavation view of Trench 11	NE	14/10/15
123	-	-	-	-	3677	Post excavation view of Trench 12	NE	14/10/15
124	-	-	-	-	3678	Post excavation view of Trench 10	SW	14/10/15
125	-	-	-	-	3679	Post excavation view of Trench 9	SW	14/10/15
126	-	-	-	-	3680	Post excavation view of Trench 8	W	15/10/15
127	-	-	-	-	3681	Post excavation view of Trench 7	NW	15/10/15
128	-	-	-	-	3682	Post excavation view of Trench 6	NW	15/10/15
129	-	-	-	-	3683	Post excavation view of Trench 5	NW	15/10/15
130	-	-	-	-	3684	Post excavation view of Trench 4	NW	15/10/15
131	-	-	-	-	3685	Post excavation view of Trench 3	NW	15/10/15

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Image	Print		Slide		Digital	Description	From	Date
No.	Film No.	Neg. No.	Film No.	Neg. No.				
132	-	-	-	-	3686	Post excavation view of Trench 2	NE	15/10/15
133	-	-	-	-	3687	Pre excavation view of feature [030]	NNW	15/10/15
134	-	-	-	-	3688	Pre excavation view of feature [030]	E	15/10/15
135	-	-	-	-	3689	Post excavation view of [030]	N	15/10/15
136	-	-	-	-	3690	Post excavation view of [030]	S	15/10/15
137	-	-	-	-	3691	Post excavation view of [030]	S	15/10/15
138	-	-	-	-	3692	Post excavation of Trench 1	S	15/10/15

### Drawing Register

Drawing No.	Sheet No.	Area/ Trench	Drawing Type	Scale	Description	Drawer	Date
1	1	97	Plan	1:100	Post-excavation Trench 97	L Mc	06/10/15
2	1	96	Plan	1:100	Post-excavation Trench 96	L Mc	06/10/15
3	1	91	Plan	1:100	Post-excavation Trench 91	L Mc	06/10/15
4	1	95	Plan	1:100	Post-excavation Trench 95	L Mc	06/10/15
5	1	94	Plan	1:100	Post-excavation Trench 94	L Mc	06/10/15
6	1	92	Plan	1:100	Post-excavation Trench 92	L Mc	06/10/15
7	1	90	Plan	1:100	Post-excavation Trench 90	L Mc	06/10/15
8	1	88	Plan	1:100	Post-excavation Trench 88	L Mc	06/10/15
9	2	89	Plan	1:100	Post-excavation Trench 89	L Mc	06/10/15
10	2	85	Plan	1:100	Post-excavation Trench 85	L Mc	06/10/15
11	2	84	Plan	1:100	Post-excavation Trench 84	L Mc	06/10/15

Drawing No.	Sheet No.	Area/ Trench	Drawing Type	Scale	Description	Drawer	Date
12	2	81	Plan	1:100	Post-excavation Trench 81	L Mc	06/10/15
13	2	66	Plan	1:100	Post-excavation Trench 66	L Mc	06/10/15
14	2	98	Plan	1:100	Post-excavation Trench 98	L Mc	06/10/15
15	2	104	Plan	1:100	Post-excavation Trench 104	L Mc	06/10/15
16	2	105	Plan	1:100	Post-excavation Trench 105	L Mc	06/10/15
17	2	106	Plan	1:100	Post-excavation Trench 106	L Mc	07/10/15
18	2	107	Plan	1:100	Post-excavation Trench 107	L Mc	07/10/15
19	2	93	Plan	1:100	Post-excavation Trench 93	L Mc	07/10/15
20	2	83	Plan	1:100	Post-excavation Trench 83	L Mc	07/10/15
21	3	82	Plan	1:100	Post-excavation Trench 82	L Mc	07/10/15
22	3	79	Plan	1:100	Post-excavation Trench 79	L Mc	07/10/15
23	3	78	Plan	1:100	Post-excavation Trench 78	L Mc	07/10/15
24	3	77	Plan	1:100	Post-excavation Trench 77	L Mc	07/10/15
25	3	76	Plan	1:100	Post-excavation Trench 76	L Mc	07/10/15
26	3	75	Plan	1:100	Post-excavation Trench 75	L Mc	07/10/15
27	3	74	Plan	1:100	Post-excavation Trench 74	L Mc	07/10/15
28	3	70	Plan	1:100	Post-excavation Trench 70	L Mc	07/10/15
29	3	69	Plan	1:100	Post-excavation Trench 69	L Mc	07/10/15
30	3	67	Plan	1:100	Post-excavation Trench 67	L Mc	07/10/15
31	3	80	Plan	1:100	Post-excavation Trench 80	L Mc	07/10/15
32	3	68	Plan	1:100	Post-excavation Trench 68	L Mc	07/10/15
33	4	87	Plan	1:100	Post-excavation Trench 87	L Mc	07/10/15
34	4	86	Plan	1:100	Post-excavation Trench 86	L Mc	07/10/15

Drawing No.	Sheet No.	Area/ Trench	Drawing Type	Scale	Description	Drawer	Date
35	4	62	Plan	1:100	Post-excavation Trench 62	L Mc	07/10/15
36	4	58	Plan	1:100	Post-excavation Trench 58	L Mc	07/10/15
37	4	57	Plan	1:100	Post-excavation Trench 57	L Mc	07/10/15
38	4	69	Plan	1:100	Post-excavation Trench 69	L Mc	07/10/15
39	4	61	Plan	1:100	Post-excavation Trench 61	L Mc	07/10/15
40	4	60	Plan	1:100	Post-excavation Trench 60	L Mc	09/10/15
41	4	52	Plan	1:100	Post-excavation Trench 52	L Mc	09/10/15
42	4	56	Plan	1:100	Post-excavation Trench 56	L Mc	09/10/15
43	4	55	Plan	1:100	Post-excavation Trench 55	L Mc	09/10/15
44	5	54	Plan	1:100	Post-excavation Trench 54	L Mc	09/10/15
45	5	53	Plan	1:100	Post-excavation Trench 53	L Mc	09/10/15
46	5	50	Plan	1:100	Post-excavation Trench 50	L Mc	09/10/15
47	5	49	Plan	1:100	Post-excavation Trench 49	L Mc	09/10/15
48	5	47	Plan	1:100	Post-excavation Trench 47	L Mc	09/10/15
49	5	51	Plan	1:100	Post-excavation Trench 51	L Mc	09/10/15
50	5	46	Plan	1:100	Post-excavation Trench 46	L Mc	09/10/15
51	5	45	Plan	1:100	Post-excavation Trench 45	L Mc	09/10/15
52	5	100	Plan	1:100	Post-excavation Trench 100	L Mc	09/10/15
53	5	99	Plan	1:100	Post-excavation Trench 99	L Mc	09/10/15
54	5	103	Plan	1:100	Post-excavation Trench 103	L Mc	09/10/15
55	6	102	Plan	1:100	Post-excavation Trench 102	L Mc	09/10/15
56	6	101	Plan	1:100	Post-excavation Trench 101	L Mc	09/10/15
57	6	44	Plan	1:100	Post-excavation Trench 44	L Mc	09/10/15

Drawing No.	Sheet No.	Area/ Trench	Drawing Type	Scale	Description	Drawer	Date
58	6	48	Plan	1:100	Post-excavation Trench 48	L Mc	09/10/15
59	6	41	Plan	1:100	Post-excavation Trench 41	L Mc	09/10/15
60	6	42	Plan	1:100	Post-excavation Trench 42	L Mc	09/10/15
61	6	40	Plan	1:100	Post-excavation Trench 40	L Mc	09/10/15
62	6	43	Plan	1:100	Post-excavation Trench 43	L Mc	09/10/15
63	6	39	Plan	1:100	Post-excavation Trench 39	Di G	12/10/15
64	6	37	Plan	1:100	Post-excavation Trench 37	Di G	12/10/15
65	6	38	Plan	1:100	Post-excavation Trench 38	Di G	12/10/15
66	7	33	Plan	1:100	Post-excavation Trench 33	Di G	12/10/15
67	7	32	Plan	1:100	Post-excavation Trench 32	Di G	12/10/15
68	7	31	Plan	1:100	Post-excavation Trench 31	Di G	12/10/15
69	7	30	Plan	1:100	Post-excavation Trench 30	Di G	12/10/15
70	7	37	Plan	1:100	Post-excavation Trench 37	Di G	12/10/15
71	7	35	Plan	1:100	Post-excavation Trench 35	Di G	12/10/15
72	7	34	Plan	1:100	Post-excavation Trench 34	Di G	12/10/15
73	7	29	Plan	1:100	Post-excavation Trench 29	Di G	13/10/15
74	8	28	Plan	1:100	Post-excavation Trench 28	Di G	13/10/15
75	8	26	Plan	1:100	Post-excavation Trench 26	Di G	13/10/15
76	8	27	Plan	1:100	Post-excavation Trench 27	Di G	13/10/15
77	8	25	Plan	1:100	Post-excavation Trench 25	Di G	13/10/15
78	8	24	Plan	1:100	Post-excavation Trench 24	Di G	13/10/15
79	8	23	Plan	1:100	Post-excavation Trench 23	Di G	13/10/15
80	8	19	Plan	1:100	Post-excavation Trench 19	Di G	13/10/15

Drawing No.	Sheet No.	Area/ Trench	Drawing Type	Scale	Description	Drawer	Date
81	8	20	Plan	1:100	Post-excavation Trench 20	Di G	13/10/15
82	9	22	Plan	1:100	Post-excavation Trench 22	Di G	13/10/15
83	9	21	Plan	1:100	Post-excavation Trench 21	Di G	13/10/15
84	9	17	Plan	1:100	Post-excavation Trench 17	Di G	13/10/15
85	9	18	Plan	1:100	Post-excavation Trench 18	Di G	
86	9	16	Plan	1:100	Post-excavation Trench 16	Di G	
87	9	15	Plan	1:100	Post-excavation Trench 15	Di G	
88	9	13	Plan	1:100	Post-excavation Trench 13	Di G	
89	9	14	Plan	1:100	Post-excavation Trench 14	Di G	
90	10	11	Plan	1:100	Post-excavation Trench 11	Di G	
91	10	12	Plan	1:100	Post-excavation Trench 12	Di G	
92	10	10	Plan	1:100	Post-excavation Trench 10	Di G	
93	10	9	Plan	1:100	Post-excavation Trench 9	Di G	
94	10	8	Plan	1:100	Post-excavation Trench 8	Di G	
95	10	7	Plan	1:100	Post-excavation Trench 7	Di G	
96	10	6	Plan	1:100	Post-excavation Trench 6	Di G	
97	10	5	Plan	1:100	Post-excavation Trench 5	Di G	
98	11	4	Plan	1:100	Post-excavation Trench 4	Di G	
99	11	3	Plan	1:100	Post-excavation Trench 3	Di G	
100	11	2	Plan	1:100	Post-excavation Trench 2	Di G	
101	11	1	Plan	1:100	Post-excavation Trench 1	Di G	
102	12	104	Section	1:10	Post-excavation half section of Feature [004]	PK	08/10/15
103	12	105	Section	1:10	Post-excavation half section of Feature [006]	РК	08/10/15

Drawing No.	Sheet No.	Area/ Trench	Drawing Type	Scale	Description	Drawer	Date
104	12	105	Section	1:10	Post-excavation half section of Feature [008]	PK	08/10/15
105	12	105	Section	1:10	Post-excavation half section of Feature [010]	PK	08/10/15
106	12	105	Section	1:10	Post-excavation half section of Feature [012]	PK	08/10/15
107	12	105	Section	1:10	Post-excavation half section of Feature [014]	PK	08/10/15
108	12	106	Section	1:10	Post-excavation half section of Feature [016]	PK	08/10/15
109	12	33	Section	1:10	Post-excavation half section of Feature [024]	Di G	12/10/15

## Sample Register

Sample No.	Area / Trench	Context	Sample Type	Description / Quantity	Excavator	Date
01	104	005	Bulk; one bag	Fill of possible stone socket [004], moderately compacted mid grey silty sand with some clay	PK	08/10/15
02	105	007	Bulk; one bag	Fill of possible stone socket [006], moderately compacted mid grey silty sand with some clay	PK	08/10/15
03	105	011	Bulk; one bag	Fill of possible stone socket [010], moderately compacted mid grey silty sand with some clay	PK	08/10/15
04	105	015	Bulk; one bag	Fill of possible stone socket [014], moderately mod compacted mid grey silty sand with some clay	PK	08/10/15
05	106	013	Bulk; one bag	Fill of possible stone socket [012], moderately compacted mid grey silty sand with some clay	PK	08/10/15
06	33	025	Bulk; one bag	Fill of possible pit [024], upper fill, moderately compacted mid brown clayey silt	Di G	13/10/15
07	33	026	Bulk; one bag	Fill of possible pit [024], lower fill, moderately compacted sandy silt	Di G	13/10/15
08	01	031	Bulk; one bag	Fill of [030], upper fill, light brown silt	Di G & PK	15/10/15
09	01	032	Bulk; one bag	Fill of [030], lower fill, black charcoal rich	Di G & PK	15/10/15

Finds Register

Find No.	Area/ Trench	Context No.	Material Type	Description	Excavator	Date
01	Near to Trench 79	001	Stone	Stone axe, possibly diorite, Neolithic period	FS	06/10/15

# Appendix 3: Discovery & Excavation in Scotland

PROJECT TITLE/SITE NAME:         Leys of Marlee, Perth & Kinross           PROJECT CODE:         RA12061           PARISH:         Blairgowrie           NAME OF CONTRIBUTOR:         Peter Klemen           NAME OF ORGANISATION:         Rathmeil Archaeology Limited           TYPE(S) OF PROJECT:         Evaluation           SIGNIFICANT FINDS:         Scheduled Monuments (7170, 7171), Canmore ID: 28915 & 71608           SIGNIFICANT FINDS:         None           NGR (2 letters, 8 or 10         N0 1564 4407           figures)         Sto October 2015           PREVIOUS WORK (incl. DES CRIPTON: (may include information from other fields)         None           MAIR (NARRATIVE)         Descortation of the proposed extraction of sands and gravel at Leys of Marlee, Perth and Kinross. The archaeological investigative works consisted of an intrusive evaluation which was designed to assess a 6% sample of the proposed development area. In total 10745.40m <sup>2</sup> was excavated, slightly exceeding the required 6% sample of the proposed development area. In total 10745.40m <sup>2</sup> was excavated, slightly exceeding the required 6% sample of the proposed development area. In total 10745.40m <sup>2</sup> was excavated, slightly exceeding the required 6% sample of the proposed development area. In total 10745.40m <sup>2</sup> was excavated, slightly exceeding the required 6% sample of the proposed development area. In total 10745.40m <sup>2</sup> was excavated, slightly exceeding the required 6% sample of the proposed development area. In total 10745.40m <sup>2</sup> was excavated, slightly exceeding the required 6% sample.           All the tren	LOCAL AUTHORITY:	Perth & Kinross	
NAME:RAI2061PROJECT CODE:RA12061PARISH:BlairgowrieNAME OF CONTRIBUTOR:Peter KlemenNAME OF ORGANISATION:Rathmell Archaeology LimitedTYPE(S) OF PROJECT:EvaluationMMRS NO(S):Scheduled Monuments (7170, 7171), Canmore ID: 28915 & 71608SITE/MONUMENT TYPE(S):Ring DitchesSIGNIFICANT FINDS:NoneNGR (2 leiters, 8 or 10 figures)NO 1564 4407START DATE (this season)5th October 2015END DATE (this season)5th October 2015PREVIOUS WORK (incl. DESCRIPTION: (may include information from other fields)A programme of archaeological works was required by Dalgleish Associates, on behalf of their client Laid Brothers 	PROJECT TITLE/SITE	Levs of Marlee, Perth & Kinross	
PARISH:         Blairgowrie           NAME OF CONTRIBUTOR:         Peter Klemen           NAME OF ORGANISATION:         Rathmell Archaeology Limited           TYPE(S) OF PROJECT:         Evaluation           NMRS NO(S):         Scheduled Monuments (7170, 7171), Canmore ID: 28915 & 71608           SITE/MONUMENT TYPE(S):         Ring Ditches           SIGNIFICANT FINDS:         None           NGR (2 letters, 8 or 10 figures)         NO 1564 4407           START DATE (this season)         5th October 2015           END DATE (this season)         5th October 2015           PREVIOUS WORK (incl. DES ref.)         None           MAIN (NARRATIVE)         Descreption: (may include information from other fields)           other fields)         A programme of archaeological works was required by Dalgleish Associates, on behalf of their client Laird Brothers in respect of the proposed extraction of sands and gravels at Leys of Marlee, Perth and Kinross.The archaeological investigative works consisted of an intrusive evaluation which was designed to assess a 6% sample.           All the trenches revealed a natural subsoil which varied between a moderately to firmly compacted, silt and sand with moderate to occasional small stone and gravel inclusions across the proposed development site. This varied in colour from mid orange brown, light to mid yellow brown and a mottled yellow brown.           In total eight significant features would suggest possible prehistoric activity. The recovery of a near Neolithic polished stone axe demo			
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SIGNIFICANT FINDS:       None         NOR (2 letters, 8 or 10 figures)       NO 1564 4407         START DATE (this season)       5 <sup>th</sup> October 2015         END DATE (this season)       16 <sup>th</sup> October 2015         PREVIOUS WORK (incl. DES ref.)       None         Main (NARRATIVE) DESCRIPTION: (may include information from other fields)       A programme of archaeological works was required by Dalgleish Associates, on behalf of their client Laird Brothers in respect of the proposed extraction of sands and gravels at Leys of Marlee, Perth and Kinross. The archaeological investigative works consisted of an intrusive evaluation which was designed to assess a 6% sample of the proposed development area. In total 10745.40m <sup>2</sup> was excavated, slightly exceeding the required 6% sample.         All the trenches revealed a natural subsoil which varied between a moderately to firmly compacted, silt and sand with moderate to occasional small stone and gravel inclusions across the proposed development site. This varied in colour from mid orange brown, light to mid yellow brown and a mottled yellow brown.         In total eight significant features were recorded in trenches 33, 104, 105 and 106. These features would suggest possible prehistoric activity. The recovery of a near Neolithic polished stone axe demonstrates that the area has potential for the recovery of both prehistoric features and artefacts.         PROPOSED FUTURE WORK:       None         CAPTION(S) FOR ILLUSTRS:       None         SPONSOR OR FUNDING BODY:       Laird Brothers         ADDRESS OF MAIN CONTRIBUTOR:       Unit 8 Ashgrove Workshops, Kilwinning, Ayrshi	NMRS NO(S):		
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WORK:       CAPTION(S) FOR ILLUSTRS:       None         SPONSOR OR FUNDING BODY:       Laird Brothers         ADDRESS OF MAIN CONTRIBUTOR:       Unit 8 Ashgrove Workshops, Kilwinning, Ayrshire KA13 6PU	DESCRIPTION: (may include information from	<ul> <li>Dalgleish Associates, on behalf of their client Laird Brothers in respect of the proposed extraction of sands and gravels at Leys of Marlee, Perth and Kinross.The archaeological investigative works consisted of an intrusive evaluation which was designed to assess a 6% sample of the proposed development area. In total 10745.40m<sup>2</sup> was excavated, slightly exceeding the required 6% sample.</li> <li>All the trenches revealed a natural subsoil which varied between a moderately to firmly compacted, silt and sand with moderate to occasional small stone and gravel inclusions across the proposed development site. This varied in colour from mid orange brown, light to mid yellow brown and a mottled yellow brown.</li> <li>In total eight significant features were recorded in trenches 33, 104, 105 and 106. These features would suggest possible prehistoric activity. The recovery of a near Neolithic polished stone axe demonstrates that the area has potential for the</li> </ul>	
ILLUSTRS:         SPONSOR OR FUNDING BODY:         ADDRESS OF MAIN CONTRIBUTOR:         Unit 8 Ashgrove Workshops, Kilwinning, Ayrshire KA13 6PU	WORK:	None	
BODY:         ADDRESS OF MAIN CONTRIBUTOR:         Unit 8 Ashgrove Workshops, Kilwinning, Ayrshire KA13 6PU	ILLUSTRS:		
CONTRIBUTOR:	BODY:		
EMAIL ADDRESS: contact@rathmell-arch.co.uk	CONTRIBUTOR:	Unit 8 Ashgrove Workshops, Kilwinning, Ayrshire KA13 6PU	
	EMAIL ADDRESS:	contact@rathmell-arch.co.uk	

ARCHIVE LOCATION	Report to Perth & Kinross Heritage Trust and archive to HES
(intended/deposited)	Collections.

## **Contact Details**

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

Ayrshire Office					
Rathmell Archaeology Ltd	www	v.rathmell-arch.co.uk			
Unit 8 Ashgrove Workshops					
Kilwinning	t.:	01294 542848			
Ayrshire	f.:	01294 542849			
KA13 6PU	e.:	contact@rathmell-arch.co.uk			

Dundee Office:	
Rathmell Archaeology Ltd	www.rathmell-arch.co.uk
North Tay Office Centre	
48 Loons Road	t.: 01382 645065
Dundee	m.: 07827 913796
DD3 6AP	e.: peter.klemen@rathmell-arch.co.uk

54. The Perth & Kinross Heritage Trust can be contacted at their office or through the web:

Perth & Kinross Heritage Trust		
The Lodge	www	.pkht.org.uk
4 York Place		
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PH2 8EP	e.:	archaeology@pkht.org.uk

#### End of Document