

Excavations at New Laund Farm, Whitewell, Lancashire, 2014

Draft Interim Report

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Contents

I	Introduction	5
1.1	Project Background	5
1.2	Location	5
2	Original Research Aims	7
3	Historical Background	7
3.1	Summary of the documented history of the site	7
3.2	Summary of the documented archaeology of the site	7
4	Interim Statement; Results of Fieldwork	7
4.1	Summary	7
4.2	Trench M	8
4.3	Trench N	10
4.4	Trench P	12
4.5	Trench Q	13
5	Potential of the Data	14
5.1	Discussion of finds and features	14
5.2	Enclosure Ditches	15
5.3	Internal Pits	16
5.4	Research and Data Potential	17
6	Acknowledgements	17
7	References	17
	Appendix 1 – Harris Matrix	19
	Appendix 2 – Context Index Trenches M, N, P, Q	20
	Appendix 3 – Small Finds Record Sheets Trenches M, N, P, Q	23
	Appendix 4 – Charcoal small finds identifications	38

Figures

1.1	<i>Map of the south-eastern part of the Forest of Bowland AONB showing the project study area and the location of excavations carried out in 2014. Based on Ordnance Survey mapping © Crown Copyright/Database right 2013. An Ordnance Survey/EDINA supplied service.</i>	6
4.1	<i>Plan of cut features in the base of Trench M</i>	8
4.2	<i>East facing section through pit [M13] showing the re-cut probable posthole [M12]</i>	9
4.3	<i>West facing section through pit [M15], showing re-cut [M14] identified in this section</i>	9
4.4	<i>Post-excavation plan of Trench N showing pits [N20], [N15] and [N06]</i>	10
4.5	<i>Section through parts of pits [N20] and [N15] along the northern edge of trench N. Note that the full profile of [N15] is not visible in this section</i>	11
4.6	<i>Post-excavation plan of trench P showing the rock-cut ditch [P10]</i>	12
4.7	<i>South-west facing section of Trench P</i>	13
4.8	<i>Plan of context [Q05] after excavation</i>	14
4.9	<i>North facing section of trench Q</i>	14
5.1	<i>Gradiometer survey and interpretation for New Laund Hill showing ditch segments (red) and probable pits (blue) and the location of the 2014 excavations</i>	15
5.2	<i>Figure 5.2: Distribution of finds by material from all contexts in trench N</i>	16

I Introduction

1.1 Project Background

Excavations at New Laund Farm have been on-going since 2011 (Peterson 2014). Fieldwork was carried out on prehistoric sites around New Laund Hill during July 2014. The work was part of an on-going project investigating prehistoric use of the limestone landscapes around the south-eastern fringes of the Forest of Bowland Area of Outstanding Natural Beauty (figure 1.1).

Previous work on the project included excavation at Mouse Hole (NGR SD 6503 4667) and Temple Cave (NGR SD 6546 4702) in 2011 (Peterson 2011). In 2012 and 2013 excavations on the presumed site of a prehistoric enclosure on the eastern side of New Laund Hill (NGR SD 6521 4708) established that the monument was a Late Neolithic hengiform monument containing an internal timber circle (Peterson 2012: 2013b). Both the external bank and ditch and the timber circle were associated with lithics and cremated human bone. This monument is now known as the New Laund Enclosure.

During the spring of 2013 the opportunity arose to re-excavate the Early Bronze Age cave site at Fairy Holes Wood (NGR SD 6553 4678). This work established that the site had been used for cremation burial in the Early Bronze Age and that there had also been Late Neolithic activity at the site (Peterson 2013a).

This season's fieldwork involved the excavation of four trenches (Trench M, Trench N, Trench P and Trench Q) which were sited to test previous gradiometer surveys. Anomalies within the survey were interpreted as pits and linear earthworks (Peterson 2013b, fig 2.8): trench M and N were located to investigate pit clusters; trenches P and Q were sited across linear earthworks.

1.2 Location of the Site

The 2014 season excavations were located on New Laund Hill, Whitewell (see figure 1.1). The OS National Grid co-ordinate locations for the centres of the four trenches were as follows: Trench M - E365380/N446759; Trench N - E365382/N446735; Trench P - E365403/N446734 and Trench Q - E365352/N446792

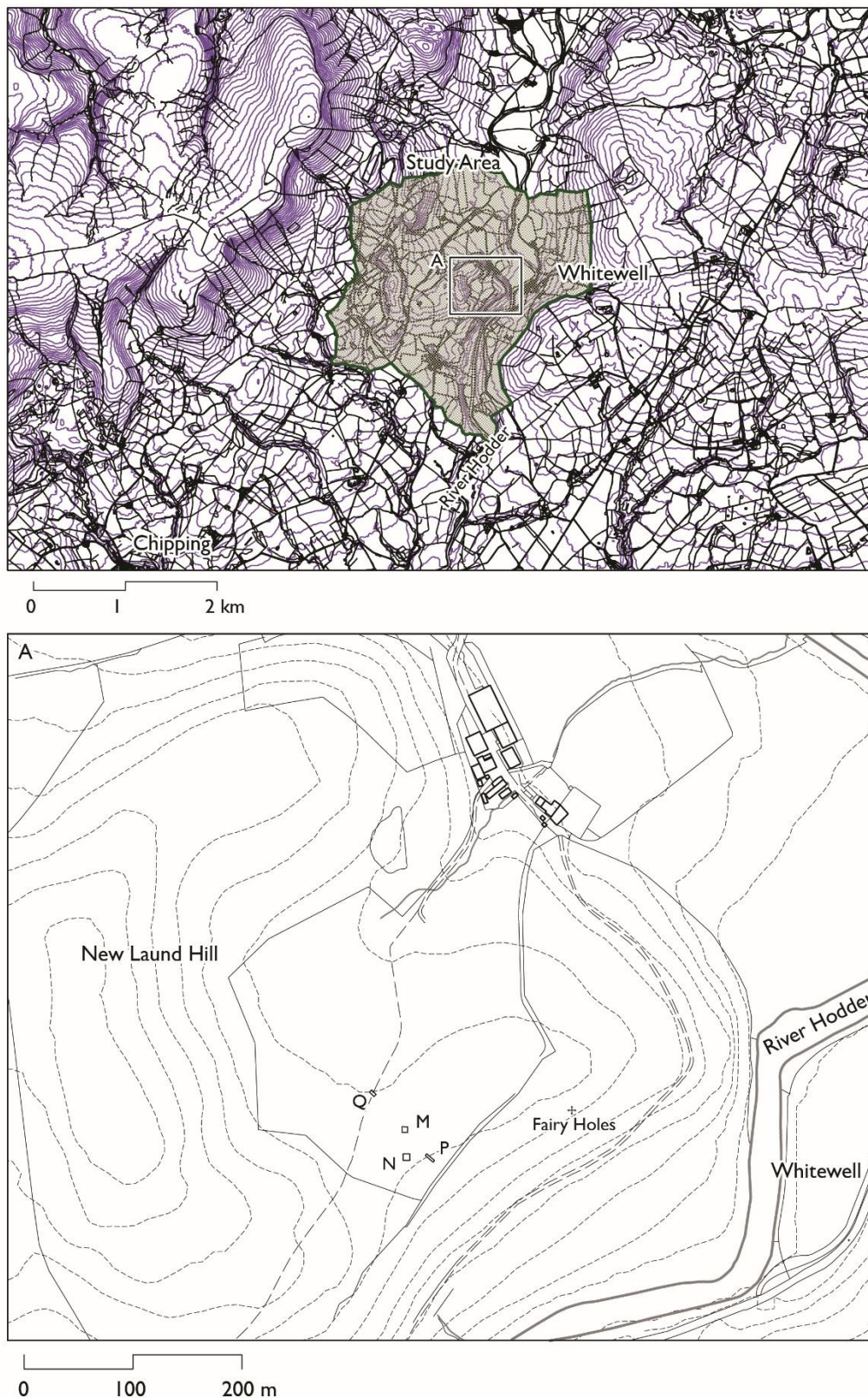


Figure 1.1: Map of the south-eastern part of the Forest of Bowland AONB showing the project study area and the location of excavations carried out in 2014. Based on Ordnance Survey mapping © Crown Copyright/Database right 2014. An Ordnance Survey/EDINA supplied service.

2 Original Research Aims

Following research developments over several seasons, the Sheltering Memory Project focuses on investigating prehistoric sites situated within limestone landscapes on the south-eastern fringes of the Forest of Bowland Area of Outstanding Natural Beauty (Peterson 2011: 2012: 2013a: 2013b). One of the project's primary aims is to excavate, record and understand prehistoric landscapes (Peterson 2011, 2). Archaeological investigations of social memory are central to this project and act as a key component in interpreting site re-use and landscape transformations (Peterson 2013c). Initially, one of the primary project aims was to identify the prehistoric use of caves, rock shelters and related natural sites (Peterson 2011, 2). The research project also acts as a training placement for University of Central Lancashire archaeology students (Peterson 2014).

3 Historical Background

3.1 Summary of the documented History of the site

The immediate landscape around the site has a documented history dating to the medieval period and the establishment of forest hunting grounds (Richards 2003, 222). The medieval Royal Forest of Bowland was owned by the Crown and exploited for deer hunting (Shirley 1867, 212). There was a historically documented royal deer park within the landscape by 1483 (Neil and Thurnhill 2013, 15). The presence of deer pales (earth and fence boundary to control the deer) indicates a long history of deer hunting from 1483-1766 (Simmons 2003, 71). The deer park ceased to function as a hunting ground following the division of fields into tenancy areas around 1766 (Richards 2003, 223).

The use of the land for farming has continued to the present day (Neil and Thurnhill 2013, 23). Following the designation of 'Areas of Outstanding Natural Beauty', New Laund Farm is an part of the Forest of Bowland AONB and therefore of a wider programme of environmental conservation (Neil and Thurnhill 2013, 8).

3.2 Summary of the documented archaeology of the site

Much of the immediate landscape's archaeological significance has been identified and partially excavated during recent seasons (See section 1 above and Peterson 2011: Peterson 2012: Peterson 2013a and 2013b). Earlier excavations within the study area took place at Fairy Holes caves (Musson 1947). This work led to the discovery of substantial fragments of an Early Bronze Age collared urn (Gilks 1983), some worked stone and animal bone.

4 Interim statement; Results of the Fieldwork

4.1 Summary

The 2014 season excavations at New Laund farm involved the placement of four trenches to investigate previously identified geophysical anomalies (Peterson 2014). Trenches M, N, P and Q (see figure 1.1 above) were subsequently excavated to the base of archaeological deposits: revealing prehistoric pits and ditches, chert and flint debitage, charred bone and charcoal. Upon excavation, each trench proved to have a consistent colluvial layer (contexts M2, N9, P2 and Q2) beneath the topsoil. The prehistoric features were generally only visible at the base of this layer, being masked and preserved by it. A very similar set of conditions had been encountered in 2013 and 2012 in the excavations on various parts of New Laund

Hill (Peterson 2013b, 12; Peterson 2012, 9). The sequence in each trench is described from the base of the sequence in the sections below.

4.2 Trench M

Trench M was a 5 x 5 m area sited to investigate two circular geophysical anomalies. Two large pits are the earliest features in this trench (see figure 4.1). To the west was a sub-rectangular pit, cut context [M13], around 2.5 long by 2.0 m wide and 0.5 m deep. Cut into the base of this pit was a circular, vertical sided feature [M11], 0.3 m in diameter and 0.2 m deeper than the base of [M13]. This was interpreted as a posthole. The fill of this feature, context (M08), was a very compact strong brown sandy clay loam with some charcoal flecks and fragments. Sealing (M08) was the earliest fill of the main pit [M13] which was a dark yellowish brown friable silt loam, context (M07). This layer was 0.13 m thick and contained a fragment of charcoal and a single piece of worked chert.

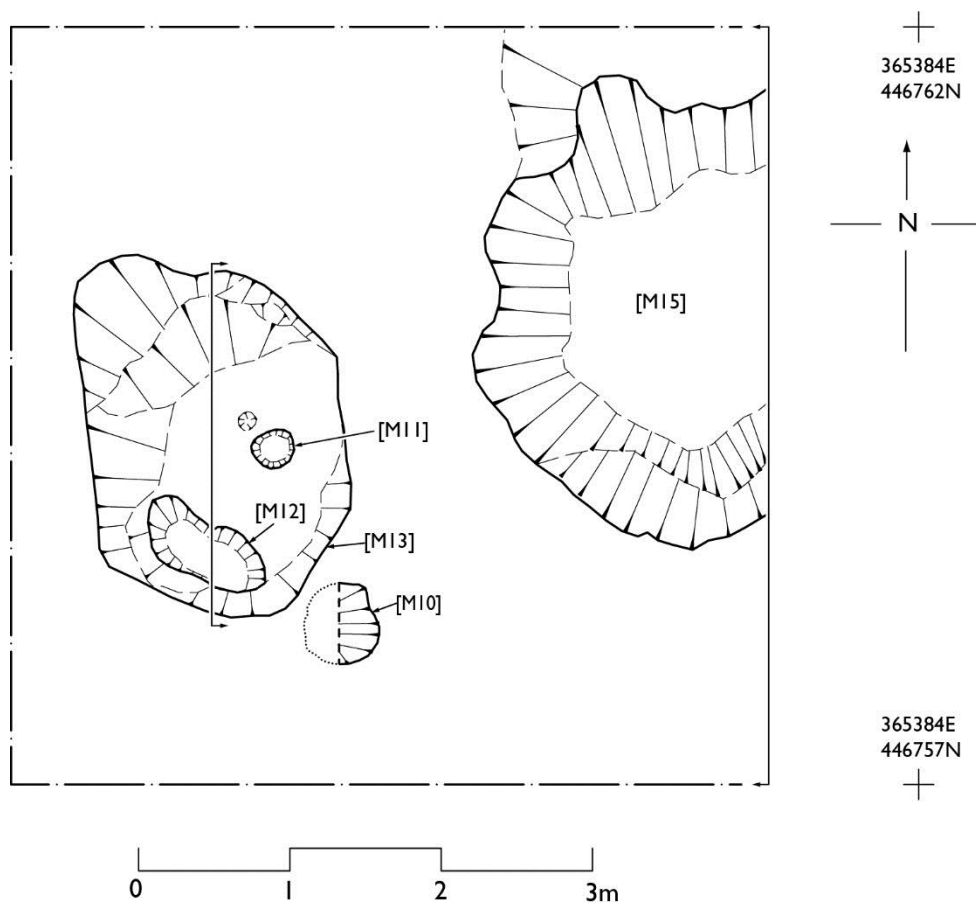


Figure 4.1: Plan of cut features in the base of Trench M

After this layer had formed it was cut by an oval, steep-sided feature, context [M12]. This feature was around 1.1 m long, 0.5 m wide and extended 0.4 m down from the surface of context (M07). It had an almost vertical southern side with a more gradual slope of around 45° on the north side and extended below the base of the main pit [M13] in this area (see figure 4.2). It is likely that [M12] represents the cut to remove a standing post which formerly stood in this area. The fill of [M12] was context (M09), a moderately compact brown silt loam. There was a single fragment of chert debitage found in this context.

Context (M09) and (M07) were sealed by the upper fill of pit [M13]. This context (M04) extended over the whole of the pit and was up to 0.35 m thick. It was a moderately friable brown silt which contained charcoal fragments and 22 pieces of worked chert and flint.

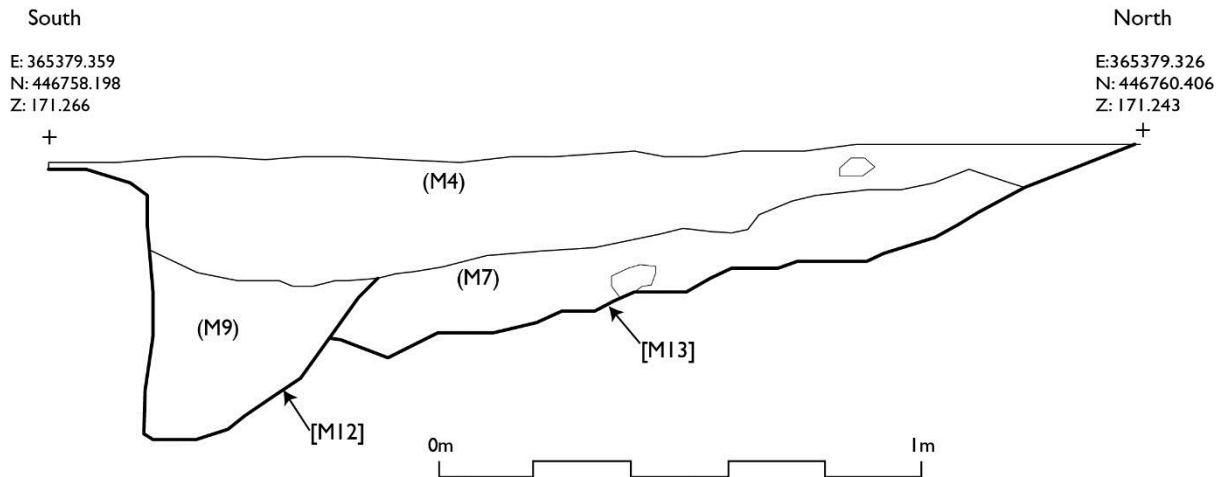


Figure 4.2: East facing section through pit [M13] showing the re-cut probable posthole [M12]

On the east side of Trench M was a large and slightly amorphous pit, cut context [M15]. This pit extended outside the excavated area of the trench but it was 2.7 m long, at least 2.2 m wide and 0.4 m deep (see figures 4.1 and 4.3). The fill of this feature was context (M06), a compact brown silty clay loam. Worked stone finds were plentiful in this layer, there were 70 pieces of worked chert, including parts of two cores, along with some fragments of charcoal. In section (M06) was seen to be cut by a steep sided re-cut, context [M14]. This was 1.0 m long and 0.4 m deep but was not observed in plan during excavation. The fill of this re-cut was not distinguishable from context (M02) which extended over the whole of trench M and is described below.

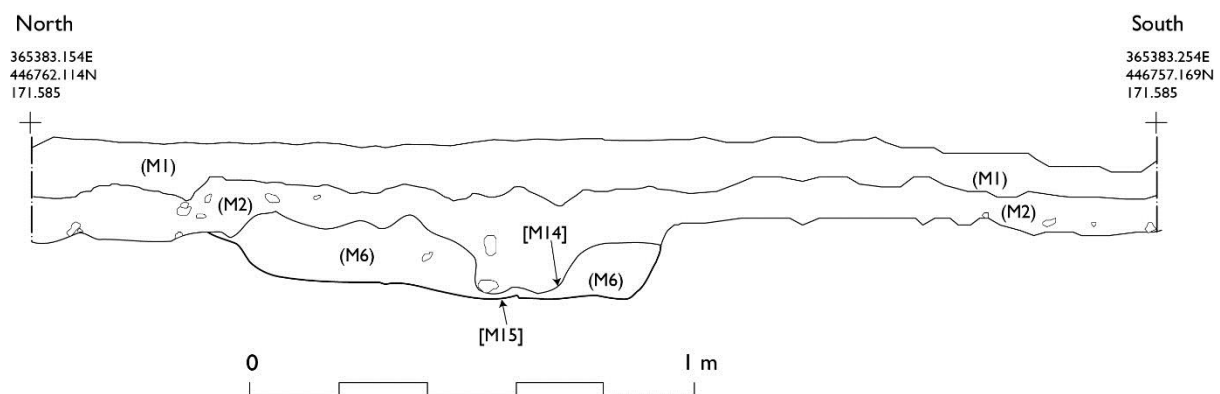


Figure 4.3: West facing section through pit [M15], showing re-cut [M14] identified in this section

Additionally, pit cut [M13] was flanked by a much smaller and shallower feature, cut context [M10]. Only 50% of this feature was excavated (see figure 4.1). The fill (M05) was a friable dark brown sandy loam which contained no finds.

Sealing all the contexts described so far and extending over the whole excavated area was a 0.36 m deep layer of colluvial material, context (M02). This was a compact dark orangey brown sandy loam. Finds from this layer included worked chert and flint fragments. Above the colluvium was context (M01), the modern topsoil. This was a 0.29 m thick layer of loose brown sandy loam.

4.3 Trench N

Trench N was a 6 x 6 m area established to investigate a large irregular geophysical anomaly. The earliest feature identified in this trench was a large, approximately circular pit, cut context [N20]. This feature was around 4.0 m in diameter and 0.4 m deep at the centre, with a shallow, bowl-shaped profile (see figure 4.4). The fills of this pit were removed in four separate quadrants to preserve north/south and east/west sections through the deposits. For this reason some of the fills were given more than one context number during excavation.

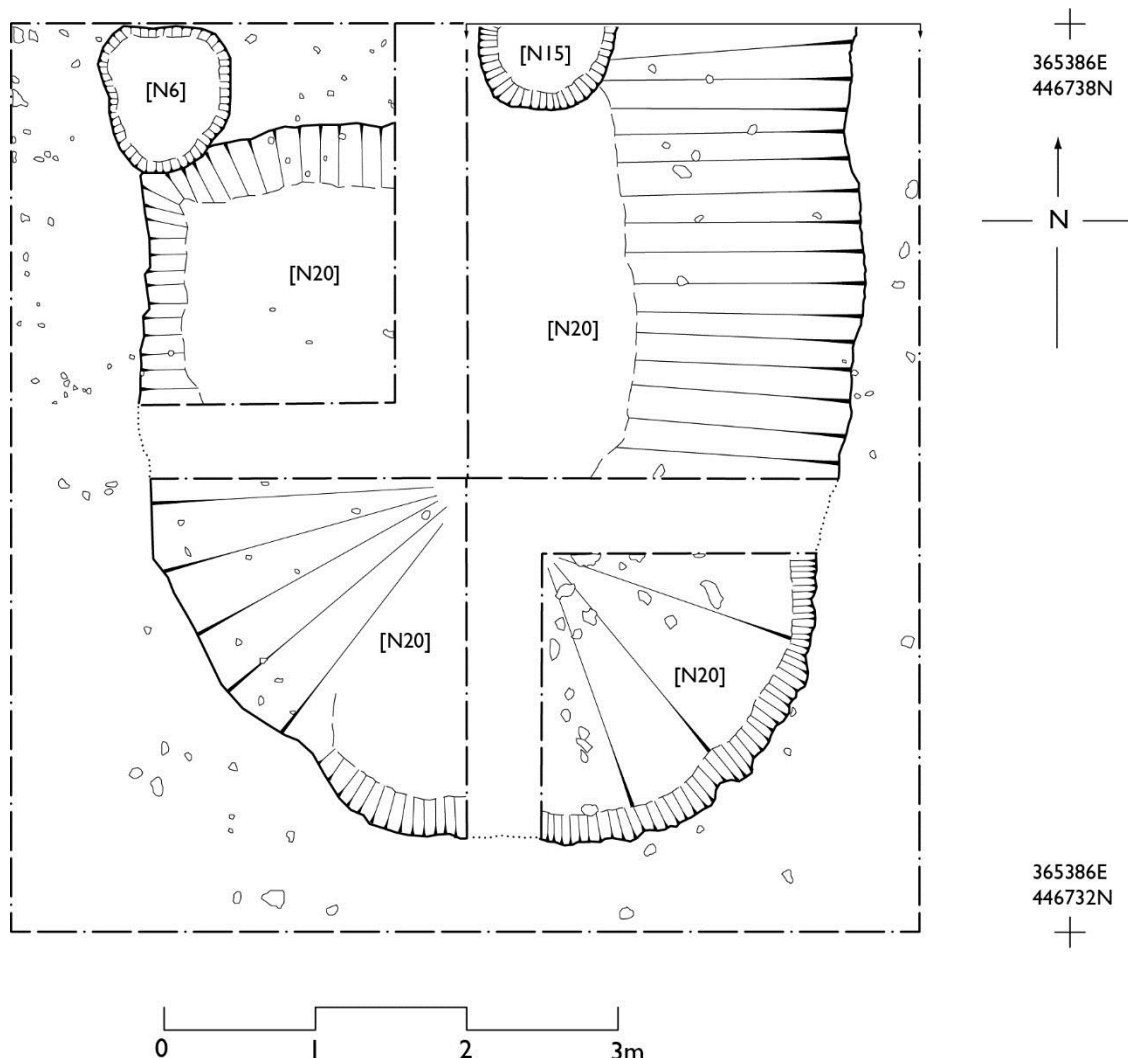


Figure 4.4: Post-excavation plan of Trench N showing pits [N20], [N15] and [N06]

The earliest deposit, in the base of this pit, was a 0.05 m thick layer of reddish brown sandy loam with some small rounded pebbles. This was recorded as context (N13), (N16) and

(N19). Finds from this layer included worked chert and flint, charcoal and burnt bone. Context (N16) was cut by [N15], see figure 4.5. This was a steep-sided, flat-based recut 0.6 m in diameter and 0.95 m deep. The fill of [N15] was an orangey-brown friable loam, context (N14) and contained 10 pieces of worked stone and some charcoal fragments. Context (N13) in the south-eastern part of the pit was covered by a dark brown friable loamy sand with many small pebbles. This layer, context (N12), was shallow and charcoal stained and seems to have represented a distinct episode of tipping into the pit. Above context (N12) was a 0.29 m thick layer of reddish-brown loamy sand. This layer, contexts (N10) and (N11), contained very large quantities of worked stone and charcoal.

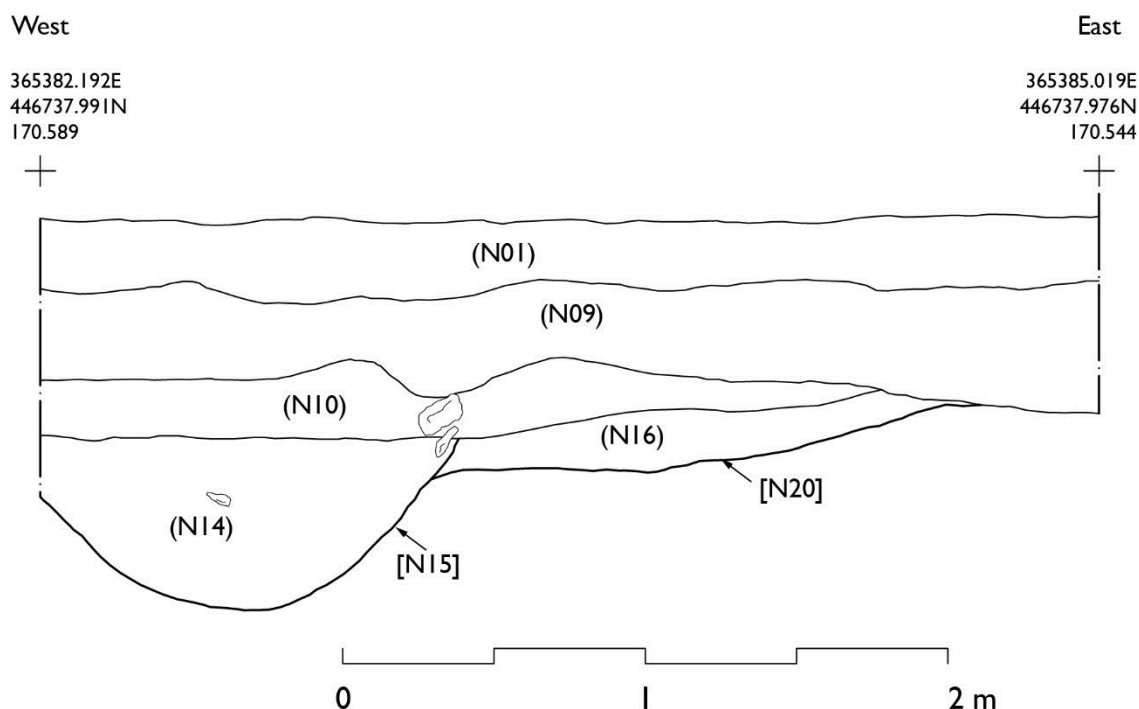


Figure 4.5: Section through parts of pits [N20] and [N15] along the northern edge of trench N. Note that the full profile of [N15] is not visible in this section

Layer (N10)/(N11) was sealed by context (N09). This was a 0.19 m deep reddish brown friable loamy sand which extended over the whole of the excavated area. This is the same colluvial material which masked earlier deposits in the other excavated areas on this site, equivalent to contexts (M02), (P02) and (Q02). This top of this layer was cut by parallel linear features, running north-west to south-east. These linear slots, contexts [N08] and [N07], ranged in depth from 0.15cm- 0.35 m and extended out of the excavated area. The slot fills, (N02) and (N03) respectively, were brown friable loams and they contained both charcoal and worked stone, presumably derived from the former upper fills of pit [N20].

Also visible at the top of context (N09) was a circular 0.50 m diameter patch of charcoal rich brown friable loam, context (N04). This was the uppermost fill of a steep-sided circular pit, cut context [N06]. The lower fill of this pit, context (N05), was a brown sandy clay loam. Finds from this pit including worked and burnt chert, charred bone and charcoal fragments.

Above all these layers was a 0.34 m thick deposit of modern topsoil, context (N01), which was a compact brown sandy loam.

4.4 Trench P

This trench was a 2 x 9.21 m area established across a linear anomaly to the east of trenches M and N. The earliest feature in trench P was a shallow, irregular, flat bottomed ditch cut into the bedrock, context [P10]. This ditch was between 3 and 4 m wide, 0.65 m deep and extended out of the excavated area on both sides of the trench (see figures 4.6 and 4.7). The primary fill at the base of this ditch was context (P05), a 0.3 m deep layer of compact brown silt loam. The only finds from this layer were two fragments of chert debitage.

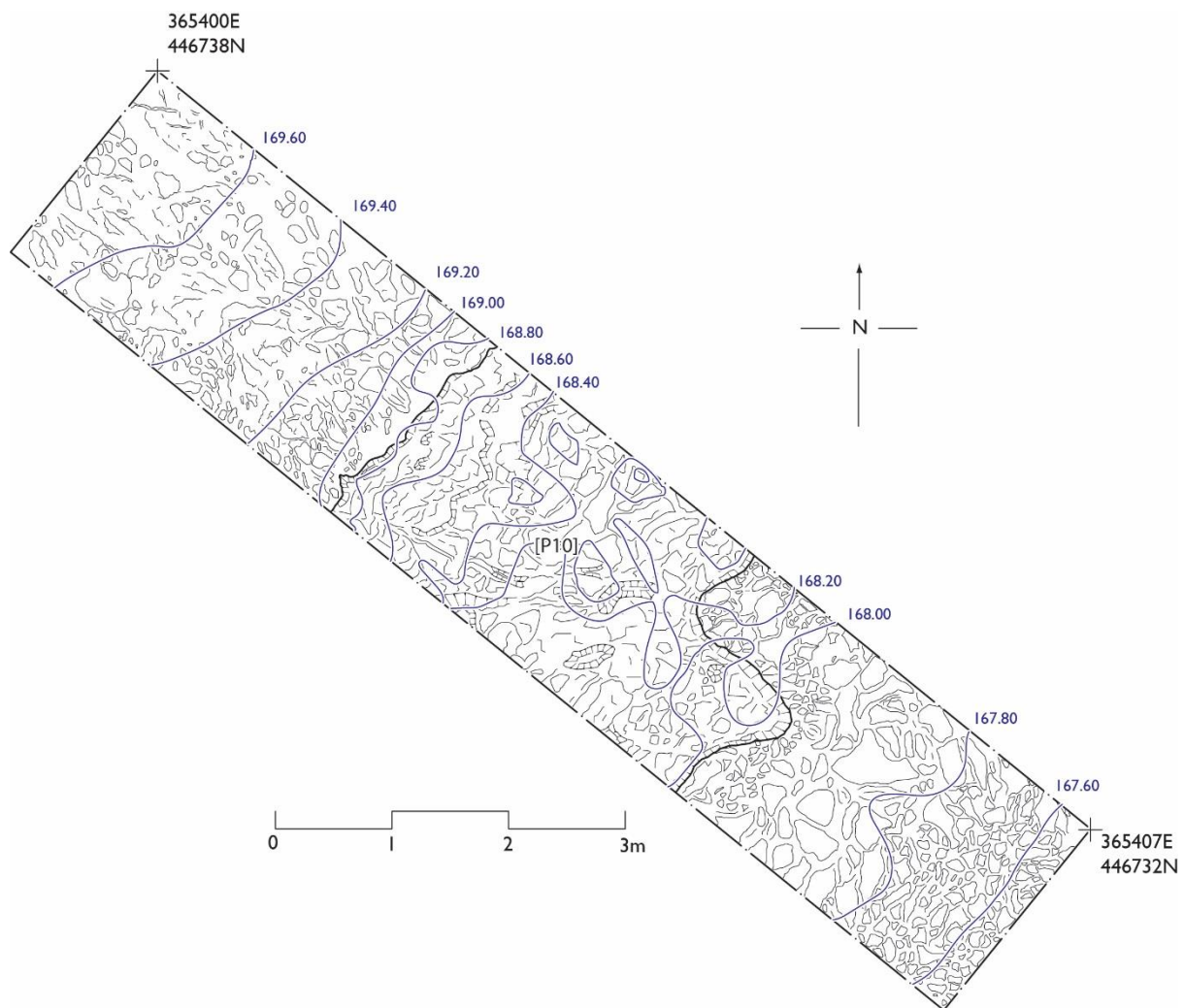


Figure 4.6: Post-excavation plan of trench P showing the rock-cut ditch [P10]

Cut into this layer in the centre of the ditch were two small, straight-sided features, contexts [P08] and [P09]. Cut [P08] was circular in plan, around 0.4 m in diameter and 0.11 m deep. It was filled with a yellowish red friable silt loam, context (P06). Cut [P09] was also circular in plan, around 0.45 m in diameter and 0.12 m deep. It was filled with a compact reddish-brown silt loam, context (P07). There were no finds from either of these features.

Sealing these layers was the upper ditch fill, context (P03). This was a 0.12 m deep layer of friable reddish-brown loamy sand. There was a single chert scraper from context (P03) together with three pieces of chert debitage. A straight-sided and flat-based cut, context [P12], was noted in the north-east facing section after excavation. This feature, which was cut from the surface of the upper ditch fill (P03), was 0.41 m wide and 0.23 m deep. It was filled with context (P11), a dark brown friable silty clay loam.

Above the upper ditch fill, and extending over the south-eastern part of the excavated area was a 0.14 m thick layer of reddish-yellow friable loamy sand. This layer, context (P02), is the colluvial layer equivalent to those described above for trenches M and N.

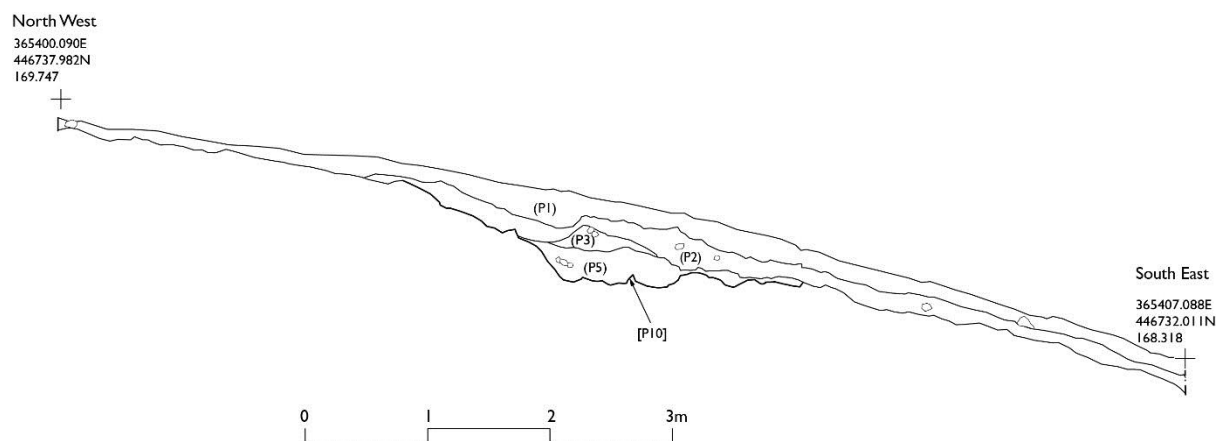


Figure 4.7: South-west facing section of Trench P

Above this colluvial layer was the modern topsoil, context (P01). This was a compact brown sandy loam up to 0.23 m thick.

4.5 Trench Q

This trench was a 2 x 4 m area which was sited over a linear geophysical anomaly which was thought to be a prehistoric ditch. The earliest feature in trench Q was a u-shaped ditch which was 2.1 m wide and around 0.8 m deep (see figure 4.8 and 4.9). The ditch was cut, context [Q05], into glacial subsoil for most of its extent, although the eastern edge was partially cut into the outcropping limestone bedrock.

The fill of this feature was context (Q04). This was an orange-brown sandy clay loam 0.4 m deep. This context was sealed by context (Q02), a 0.36 m deep layer of friable dark yellowish brown sandy loam which was the colluvial layer in this area. Visible in section on the north facing side of the trench (see figure 4.9) was a straight-sided, flat based cut, context [Q07], 0.25 m wide and 0.32 m deep. This was filled with a soft black sandy clay loam, context (Q06).

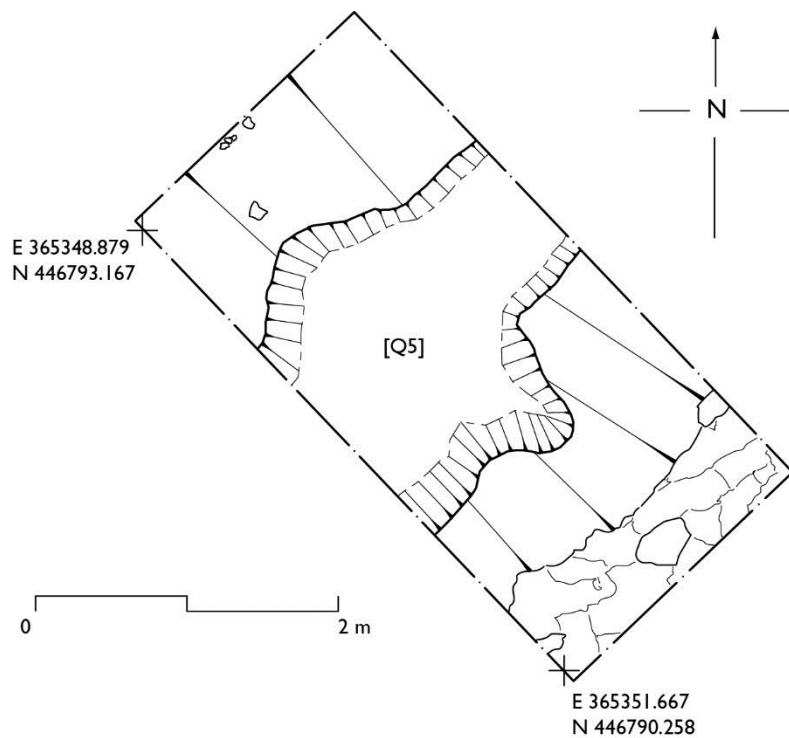


Figure 4.8; Plan of context [Q05] after excavation

Above context (Q02) was the modern topsoil in this area. This layer, context (Q01), was a 0.16 m thick dark greyish brown loamy sand.

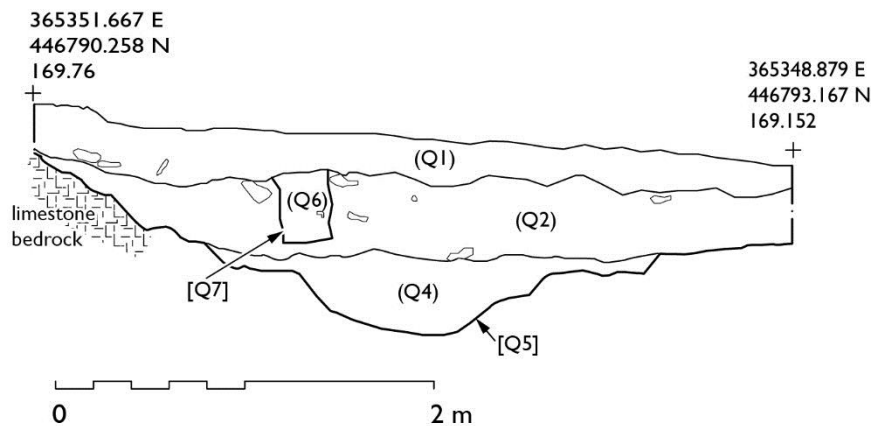


Figure 4.9: North facing section of trench Q

5 Potential of the Data

5.1 Discussion of Finds and Features

The 2014 excavations exposed similar finds and features to those identified in previous seasons (Peterson 2012; Peterson 2013b). In particular, the prehistoric archaeology was usually only identified once both topsoil and a varying depth of colluvial material had been removed. The formation processes associated with this colluvium have been discussed elsewhere (Peterson 2013b, 11) but this interpretation is worth re-visiting as it has implications for the former depth of prehistoric features. The layers which lie beneath the current topsoil and which have been referred to as colluvium formed originally as the

prehistoric topsoil. This layer has become buried by the gradual deposition of more sediment through colluvial action. The boundary between this context and the modern topsoil represents the B-horizon of the modern soil formation.

Prehistoric features were not usually visible until the base of this colluvial layer was reached. However, it is clear from the presence of considerable quantities of worked stone and charcoal within this layer that some of these features were cut from a higher level. In some rare instances, such as the very dark charcoal rich fill (N04) of pit [N06], then they are discernible from the upper surface of the colluvial layers. This means that in all cases then the quoted depths for the prehistoric features, which were measured from the base of the colluvium, should be regarded as a minimum estimate, with the original depth of the feature being between 0.2 and 0.4 m deeper.

5.2 Enclosure Ditches

The main features in both these trenches, cuts [P10] and [Q05], are both interpreted as parts of the outer ditch circuit of a prehistoric enclosure. They are of broadly comparable breadth and depth (see figures 4.7 and 4.9). Extensive gradiometer survey of this part of New Laund Hill has established that these features are the outer circuit of three discontinuous and interrupted circuits (see figure 5.1).

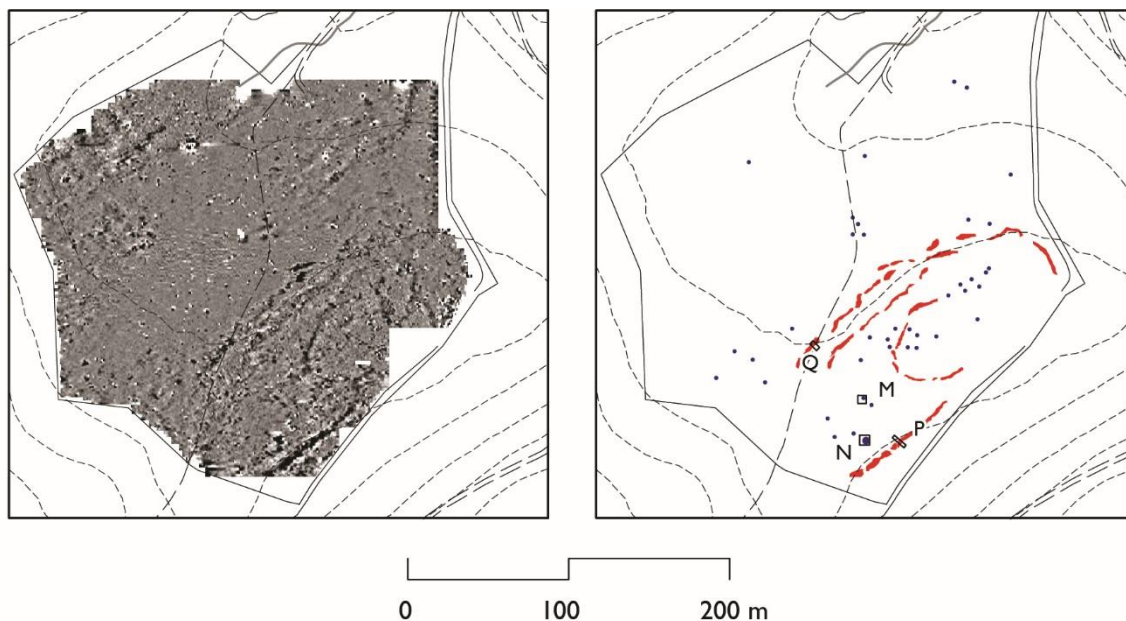


Figure 5.1: Gradiometer survey and interpretation for New Laund Hill showing ditch segments (red) and probable pits (blue) and the location of the 2014 excavations

These ditch circuits have been provisionally interpreted as an Early Neolithic causewayed enclosure. The lithics from the ditch segments and pits would not be out of place on an Early Neolithic site but as yet only a very small proportion of the site has been excavated. Other possible causewayed enclosures have been identified in the region, particularly at Long Meg and Green Howe in Cumbria, although most securely identified sites are in the south and east of Britain (Whittle *et al.* 2011, 7).

The presence of smaller cut features in the upper fills of the ditch in both trenches, contexts [Q07], [P08] and [P09], may show that posts were placed in the ditch segments. Similar posts are noted from causewayed enclosures further south (Oswald et al. 2001, 46-49) often associated with timber palisades.

5.3 Internal Pits

All of the features within trenches N and M were pit complexes associated with the deposition of worked stone and charcoal. The evidence of sequence within complexes shows that pit deposition at the site took place over a long time. In trench N the large pit [N20] was cut first. This seems to have had several episodes of dumping into the base before being recut by [N15] and, probably, by [N06]. The distribution of three dimensionally recorded small finds in this complex (see figure 5.2) shows the increased concentrations of charcoal and charred bone associated particularly with the recut [N06]

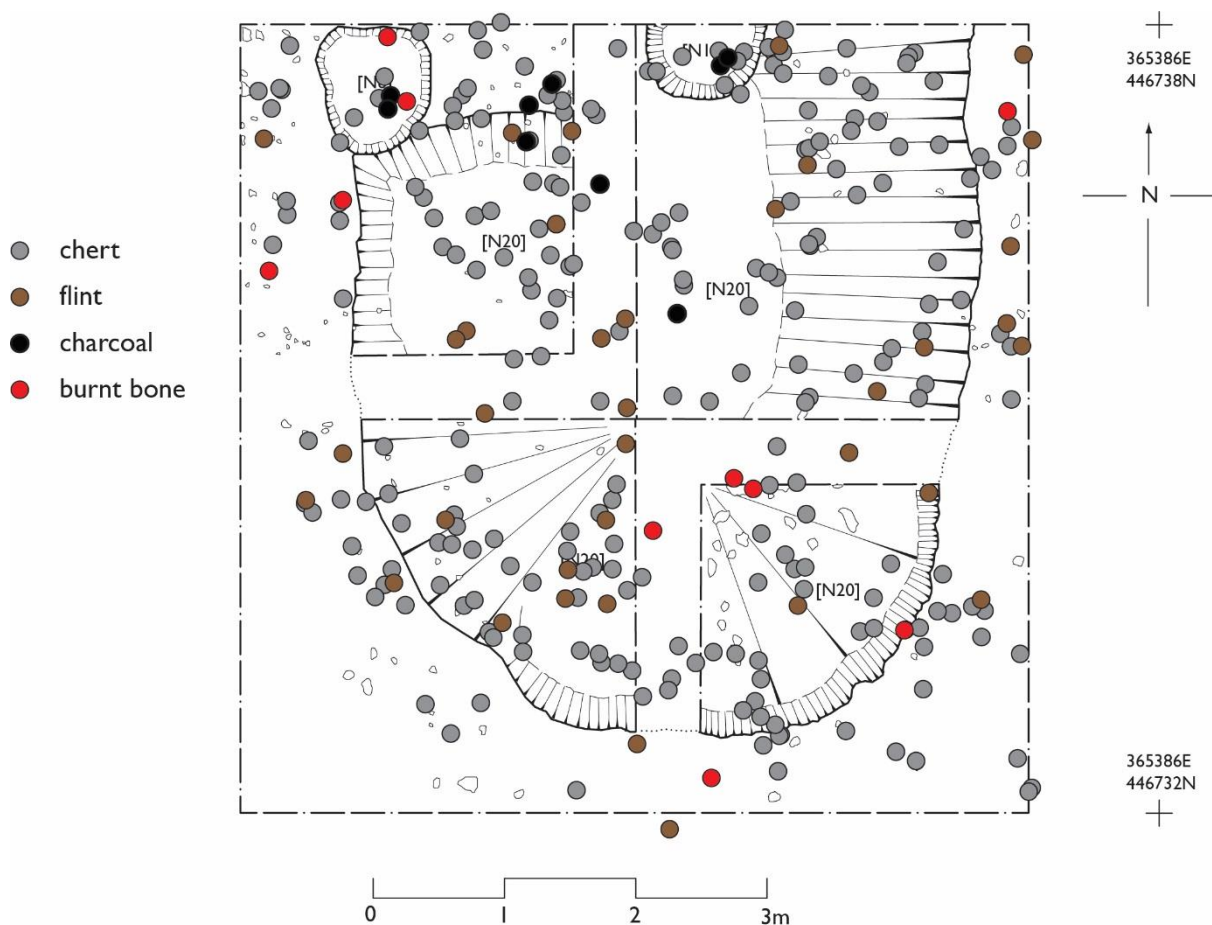


Figure 5.2: Distribution of finds by material from all contexts in trench N

Both pit complexes in trench M have similar evidence for extended use. Pit [M11] is a particularly good example with, apparently, two separate episodes of post erection and removal before it was completely filled (see figure 4.5). If these pit complexes are contemporary with the causewayed enclosure then it may be that pit deposition is a season activity. The posts may be being used to mark the position of pits in between deposition cycles.

5.4 Research and Data Potential

The discovery of the Whitewell Enclosure, through a combination of excavation and gradiometer survey, shows that further excavations in the area are likely to broaden our knowledge of prehistoric landscape exploitation as well as expand and emphasise the archaeological significance of the immediate landscape (Bradley. 2007, 170; Peterson 2013b, 17). Initial identification of charcoal from this site and from the New Laund Enclosure (Peterson 2013b) has been carried out by Denise Druce, Oxford Archaeology North (see appendix 4). Samples from the site have been selected as part of a bid for radiocarbon support to the NERC radiocarbon dating fund.

Evidence of worked lithics, pit cuts, burnt bone and charcoal that have been identified over several seasons (Peterson 2012, 9; Peterson 2013b, 16) suggests that the immediate site was an area that was frequently revisited and manipulated. Previous summaries of landscapes such as New Laund suggest that they were deliberately altered, enclosed and monumentalised by means of marked boundaries and that they may have been revisited repeatedly (Bradley 2012, 70; Smyth 2014, 6). The project therefore adds to our understanding of prehistoric landscape exploitation and addresses the project aim of identifying landscape ties with memory through site re-visitation and landscape transformations (Peterson 2011, 2; Edmonds 1999, 65).

6 Acknowledgements

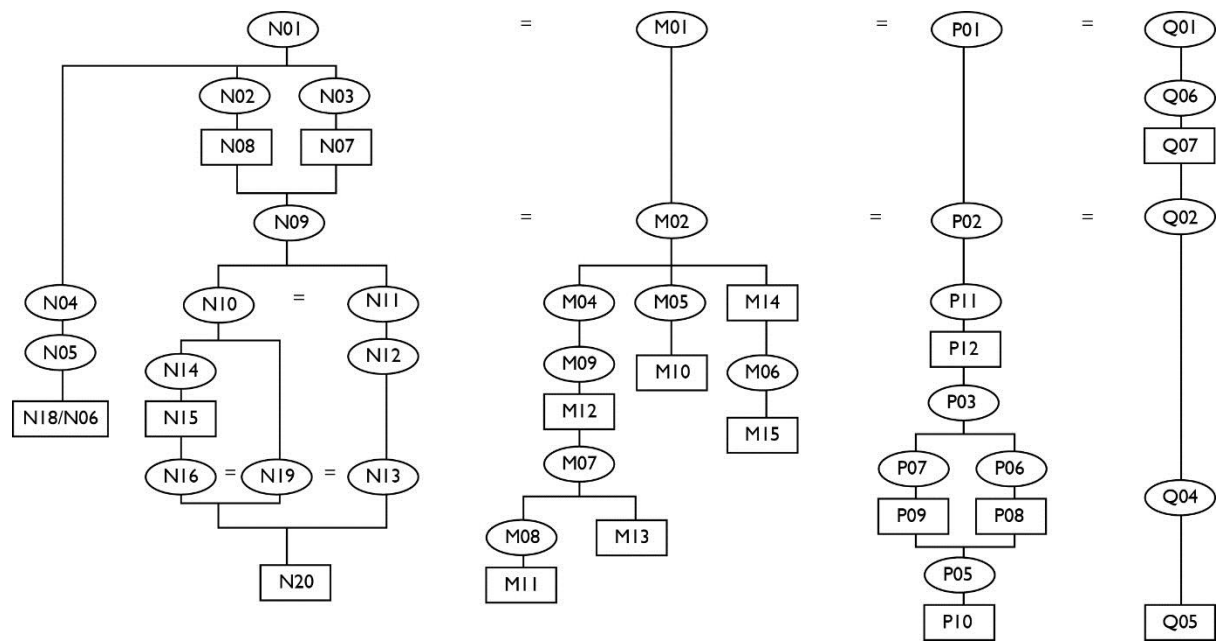
Work at New Laund would have been impossible without the unstinting help of John Alpe and his family at New Laund Farm. The farm is part of the Duchy of Lancaster Estate and thanks are also due to Simon Waller of the land agents Smiths Gore for help with access and information. Thanks to Martin Charlesworth, Dave Padley and Sandra Silk at the Forest of Bowland AONB offices for advice on caves and access and for enthusiastic promotion of the project. Excavations at New Laund in 2014 were directed by Rick Peterson and Mike Birtles with assistance from Kayla Carter. Especial thanks to everyone who dug on the site: Nikki Aslam, Katie Ballaam, Chris Birkitt, Chloe Brown, Tony Brown, Laura Cambridge, Josh Cameron, James Claydon, Tom Cockcroft, Beth Dawson, Christine Holmes, Chelsea Ingham, Ashley Joynes, Jack McDonald, Scott McKenna, Carole Makin, Connor Milne, Carol Perry, George Ramsdale, John Rooney, Alex Shiels, Rob Smith, Sammy Thackray, Phil Thorp, Connie Tsinontas, James Ward and Mike Woods.

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Appendix I: Harris Matrices for all excavated areas



Appendix 2 – Context Index Lists

Context Index for M

Project Name : New Laund 2014			Project Code :		Site Code: NL14	
Context No	Site Subdiv	Description	Plan No	Section No	Inits	Date
M1		Top Soil	-	-	KJC	09/07/2014
M2		Subsoil layer beneath M1	M1	-	CT	14/07/2014
M3		Linear feature fill	-	-	SM	22/07/2014
M4		Circular feature	M3	M4	CT	22/07/2014
M5		Small circular feature	M3	M2	JC	21/07/2014
M6		Semi circular feature (potential tree slot)	-	M5	SM	25/07/2014
M7		Secondary fill below M4	M3	M4	CT	22/07/2014
M8		Posthole fill (W) in M4	M3	-	CT	22/07/2014
M9		Posthole fill (S) in M4	M3	M4	CT	23/07/2014
M10		Cut of (M5) semi circular	M3	M2	CT	25/07/2014
M11		Posthole cut holding (M8)	M3	-	CT	23/07/2014
M12		Posthole cut holding (M9)	M3	M4	CT	23/07/2014
M13		Cut of Circular feature M4, M7, M8 etc	M3	M4	CT	25/07/2014
M14		Cut of side M6 in east corner of trench	M5	M5	CB	28/07/2014
M15		Feature in Eastern corner of trench filled by M6	M6	M6	CB	30/07/2014

Context Index for N

Project Name : New Laund			Project Code :		Site Code: NL14	
Context No	Site Subdiv	Description	Plan No	Section No	Initis	Date
N1		Top Soil			KJC	11/07/2014
N2		Fill of possible linear slot	N8/N10 N2/1	N9	MW, GR	14/07/2014
N3		Fill of possible linear slot	N6 N1/2	N11	JC	18/07/2014
N4		Fill of circular feature	N7, N3, N4	N5	PT	11/07/2014
N5		Fill of circular feature outside of N4	N3, N4	N5	PT	11/07/2014
N6		Cut of N4/N5 (circular feature)	N5, N7, N4, N3	N5		
N7		Cut containing (N3)	N6	N11	RP	11/07/2014
N8		Cut containing (N2)	N1, N8, N10	N8	MW	15/07/2014
N9		Subsoil deposit (Below N1)				
N10		Layer beneath (N9) NW quad	N13		RP	21/07/2014
N11		South East quadrant of trench N (Below N10) (SiH in corner)	N13		JC	24/07/2014
N12		Rocks sat in N11 (Below N10)	N13		AS	24/07/2014
N13		Layer beneath (N10) sw quad				
N14		Deposit of N15	N15		GR	28/07/2014
N15		Cut of pit in north east quadrant	N15		JC	28/07/2014
N16		Layer beneath (N10) NE quad				
N18		(Cut) beneath N4 in context N6			PT	28/07/2014
N19		NW quadrant layer beneath N2			KJC	
N20		Cut of circular pit layers				

Context Index for P

Project Name : New Laund			Project Code :		Site Code: NL14	
Context No	Site Subdiv	Description	Plan No	Section No	Inits	Date
P1		Top soil deposit	P1		ST	10/07/2014
P2		Sub soil layer (beneath P1)			CM	16/07/2014
P3		Ditch fill			CB	18/07/2014
P4		Bedrock layer	P1, P2		KB	16/07/2014
P5		Re deposited natural	P1, P2	P8	KB	29/07/2014
P6		Post hole (N) deposit	P2		JM	18/07/2014
P7		Post hole (S) deposit	P2		KB	21/07/2014
P8		Post hole (N) cut	P1, P2		JM	18/07/2014
P9		Post hole (S) cut	P1, P2		KB	21/07/2014
P10		Ditch cut : Bedrock		P4	JC	23/07/2014
P11		Clay deposit P12		P8	JC	25/07/2014
P12		Clay cut filled by P11		P8	JC	25/07/2014

Context Index for Q

Project Name : New Laund			Project Code :		Site Code: NL14	
Context No	Site Subdiv	Description	Plan No	Section No	Inits	Date
Q1	Q	Top soil				
Q2	Q	Subsoil beneath Q1				
Q3	Q	Bed rock layer beneath Q1				
Q4	Q	Dark silt South Western side of trench under Q2				
Q5	Q	Cut of ditch fill				
Q6	Q	Fill of later feature, fills Q7				
Q7	Q	Cut of later feature possible land drain				

Appendix 3 – Small Finds Record Sheets

Trench M

finds no	context	Object	Material	east	north	level	description
M_001	M001	Debitage	Chert	365381.7	446758.1	172.143	M_001
M_002	M001	Debitage	Chert	365382.1	446759.8	172.189	M_002
M_003	M001	Debitage	Chert	365382.2	446759.8	172.188	M_003
M_004	M001	Debitage	Chert	365381.5	446761.7	172.266	M_004
M_005	M001	Debitage	Industrial Waste	365379.5	446761.1	172.267	M
M_006	M001	Debitage	Flint	365379	446761	172.28	M
M_007	M001	Debitage	Chert	365379.3	446761.3	172.313	M
M_008	M001	Debitage	Chert	365379.6	446761.5	172.302	M
M_009	M001	Debitage	Flint	365378.3	446760.4	172.28	M
M_010	M001	Debitage	Chert	365381.3	446758.4	171.556	M
M_011	M001	Debitage	Chert	365379.3	446758	171.575	M
M_012	M001	Debitage	Chert	365379.1	446758.6	171.56	M
M_013	M001	Debitage	Flint	365378.3	446761.8	171.617	M
M_014	M001	Debitage	Flint	365379.7	446761.5	171.633	M
M_015	M001	Debitage	Chert	365379.5	446761.1	171.627	M
M_016	M001	Debitage	Chert	365379.8	446761.3	171.6	M
M_017	M001	Debitage	Chert	365378.9	446761.6	171.612	M
M_018	M001	Debitage	Chert	365379.6	446760.1	171.606	M
M_019	M001	Debitage	Chert	365378.9	446761.3	171.595	M
M_020	M001	Debitage	Chert	365381.5	446760	171.572	M
M_021	M001	Debitage	Flint	365379.9	446757.3	171.55	M
M_022	M001	Debitage	Chert	365379.4	446757.4	171.58	M
M_023	M001	Debitage	Chert	365381.9	446762.1	171.703	M
M_024	M001	Debitage	Chert	365378.6	446758	171.558	M
M_025	M001	Debitage	Flint	365378.7	446757.3	171.55	M
M_026	M001	Debitage	Chert	365383.1	446760.5	171.52	M
M_027	M001	Debitage	Chert	365383.1	446760	171.501	M
M_028	M001	Worked Chert	Chert	365381.8	446761.3	171.551	M
M_029	M001	Debitage	Chert	365381.5	446758.1	171.431	M
M_030	M001	Debitage	Chert	365383.1	446757.7	171.488	M
M_031	M001	Chert Fragment	Chert	365381.1	446757.7	171.197	N
M_032	M001	Debitage	Chert	365379.6	446758.8	171.263	N
M_033	M001	Debitage	Chert	365382.6	446758.6	171.184	M
M_034	M001	Debitage	Mudstone	365381.5	446760.3	171.233	M
M_035	M001	Chert Fragment	Chert	365380.8	446760.3	171.268	M
M_036	M001	Flint Fragment	Flint	365380.9	446760.4	171.268	M
M_037	M001	Chert Fragment	Chert	365379.7	446761.1	171.294	M
M_038	M001	Chert Fragment	Chert	365380.7	446761.3	171.307	M
M_039a	M001	Flint Fragment	Flint	365378.8	446760.1	171.256	M
M_040a	M001	Debitage	Chert	365379.5	446761.6	171.295	M
M_041a	M001	Flint Fragment	Chert	365380.5	446761.3	171.301	M

M_042a	M001	Worked Chert	Chert	365381.5	446760.8	171.223	M
M_043a	M001	Debitage	Flint	365383	446757.7	171.392	M
M_044a	M001	Debitage	Chert	365383	446760.5	171.466	M
M_045a	M001	Debitage	Chert	365382.5	446760.9	171.493	M
M1_039	M002			365378.1	446758.5	171.282	M
M1_046a	M001	Debitage	Chert	365381.7	446757.2	171.297	M
M1_047a	M001	Debitage	Chert	365379.1	446758.1	171.453	M
M1_048a	M001	Debitage	Chert	365379.2	446758.2	171.454	M
M1_049a	M001	Debitage	Chert	365379.3	446759.3	171.464	M
M1_050a	M001	Chert Fragment	Chert	365381.3	446759.5	171.424	M
M1_051a	M001	Worked Chert	Chert	365380.6	446759.3	171.45	M
M1_052a	M001	Worked Chert	Chert	365379.1	446760.5	171.481	M
M1_053a	M001	Worked Chert	Chert	365379.3	446761.3	171.488	M
M1_054a	M001	Worked Chert	Chert	365379.3	446761.3	171.488	M
M1_055a	M001	Worked Chert	Chert	365379	446761.1	171.489	M
M1_056a	M001	Debitage	Chert	365378.8	446761.6	171.497	M
M1_057a	M001	Debitage	Chert	365383.2	446761.2	171.503	M
M1_058a	M001	Debitage	Chert	365382	446757.2	171.323	M
M2_040	M002	Flint Fragment	Flint	365378.2	446758	171.264	M
M2_041	M002	Debitage	Chert	365378.3	446758.6	171.243	M
M2_042	M002	Debitage	Chert	365379.2	446758	171.225	M
M2_043	M002	Debitage	Chert	365379.6	446758.2	171.215	M
M2_044	M002	Worked Chert	Chert	365382	446761.3	171.247	M
M2_045	M002	Worked Chert	Chert	365383.2	446758.2	171.157	M
M2_046	M002	Debitage	Chert	365378.9	446762	171.263	M
M2_047	M002	Debitage	Chert	365383	446761.3	171.181	M
M2_048	M002	Tap	Metal				
M2_049	M002	Flint Fragment	Flint				
M2_050	M002	Flint Fragment	Flint	365379.6	446761.5	171.233	M
M2_051	M002	Debitage	Chert	365378.5	446760.6	171.236	M
M2_052	M002	Debitage	Flint	365382.1	446761.7	171.248	M
M4_053	M004	Debitage	Chert	365379.6	446758.6	171.041	M
M4_054	M004	Debitage	Chert	365379.9	446758.7	171.093	M
M4_055	M004	Debitage	Chert	365379.9	446759.5	171.106	M
M4_056	M004	Debitage	Chert	365379.7	446759.7	171.127	M
M4_057	M004	Debitage	Chert	365379.8	446759.2	171.06	M
M4_058	M004	Debitage	Chert	365379.6	446759.2	171.073	M
M4_059	M004	Charcoal Fragment	Charcoal	365379.6	446758.8	171.23	N
M6_060	M006	Debitage	Chert	365382.3	446761.9	171.355	N
M6_061	M006	Debitage	Chert	365383	446761.9	171.299	N
M4_062	M004	Flint Fragment	Flint	365379.5	446759.6	171.218	M
M4_063	M004	Debitage	Chert	365379.6	446758.7	171.197	M
M4_064	M004	Debitage	Chert	365379.6	446759.3	171.198	M
M4_065	M004	Debitage	Chert	365379.9	446758.6	171.204	M

M4_066	M004	Charcoal Fragment	Charcoal	365379.9	446758.9	170.941	M
M4_067	M004	Debitage	Chert	365379.7	446759.1	170.929	M
M4_068	M004	Debitage	Chert	365379.5	446759.2	170.945	M
M4_069	M004	Debitage	Chert	365379.4	446759.5	170.997	M
M4_070	M004	Debitage	Chert	365379.7	446759.5	170.964	M
M4_071	M004	Debitage	Chert	365379.8	446759.4	170.959	M
M4_072	M004	Debitage	Chert	365379.9	446759.8	171.105	M
M6_0073	M006	Debitage	Chert	365381.8	446761.6	171.138	M
M6_0074	M006	Debitage	Chert	365382.3	446761.6	171.103	M
M6_0075	M006	Debitage	Chert	365382.4	446761.7	171.086	M
M6_0076	M006	Core	Chert	365381.6	446761.6	171.182	M
M6_0077	M006	Debitage	Chert	365381.7	446759.6	171.111	M
M4_078	M004	Debitage	Chert	365379.5	446758.7	170.89	M
M6_079	M006	Debitage	Chert	365381.7	446761.6	171.157	M
M4_080	M004	Debitage	Worked Stone	365379.5	446758.6	170.857	M
M4_081	M004	Charcoal Fragment	Charcoal	365379.8	446758.7	170.881	M
M4_082	M004	Charcoal Fragment	Charcoal	365380	446759	170.914	M
M6_083	M006	Debitage	Chert	365381.5	446760.2	171.031	M
M6_084	M006	Debitage	Chert	365381.7	446760.6	170.934	M
M6_085	M006	Debitage	Chert	365382.1	446760.5	170.914	M
M6_086	M006	Debitage	Chert	365382.3	446760.6	170.969	M
M6_087	M006	Debitage	Chert	365382.5	446760.2	170.954	M
M6_088	M006	Debitage	Chert	365382.7	446759.7	170.935	M
M089	M008	Charcoal Fragment	Charcoal				M
M090	M007	Debitage	Chert				M
M091	M007	Charcoal Fragment	Charcoal				M
M092	M009	Debitage	Chert				M
M093	M006	Debitage	Chert				M
M094	M006	Debitage	Chert				M
M095	M006	Debitage	Chert				M
M096	M006	Debitage	Chert				M
M097	M006	Debitage	Chert				M
M098	M006	Debitage	Chert				M
M099	M006	Debitage	Chert				M
M100	M006	Debitage	Chert				M
M101	M006	Debitage	Chert				M
M102	M006	Debitage	Chert				M
M103	M006	Debitage	Chert				M
M104	M006	Debitage	Chert				M
M105	M006	Debitage	Chert				M
M106	M006	Debitage	Chert				M
M107	M006	Debitage	Chert				M

M108	M006	Debitage	Chert	365382.1	446759.9	170.851	M
M6_109	M006	Debitage	Chert	365382.1	446759.5	170.827	M
M6_110	M006	Debitage	Chert	365382.4	446759.5	170.894	M
M6_111	M006	Debitage	Chert				M
M6_112	M006	Debitage	Chert				M
M6_113	M006	Debitage	Chert				M
M6_114	M006	Debitage	Chert				M
M6_115	M006	Debitage	Chert				M
M6_116	M006	Debitage	Chert				M
M6_117	M006	Debitage	Chert				M
M6_118	M006	Debitage	Chert				M
M6_119	M006	Debitage	Chert				M
M6_120	M006	Debitage	Chert				M
M6_121	M006	Debitage	Chert				M
M_122	M004	Debitage	Flint	365380	446759.8	171.05	M
M6_123	M006	Debitage	Chert	365376.6	446780.8	170.97	M
M6_124	M006	Debitage	Chert	365377.8	446780.4	171.355	M
M4_125	M004	Debitage	Chert	365378	446783.5	171.261	M
M4_126	M004	Debitage	Chert	365379.3	446759.3	171.045	M
M4_127	M004	Debitage	Chert	365378.9	446759.3	171.055	M
M6_128	M006	Debitage	Chert				M
M6_129	M006	Debitage	Chert				M
M6_130	M006	Debitage	Burnt Flint				M
M6_131	M006	Debitage	Burnt Flint				M
M6_132	M006	Debitage	Chert				M
M6_133	M006	Debitage	Chert				M
M6_134	M006	Debitage	Chert				M
M6_135	M006	Debitage	Chert				M
M6_136	M006	Debitage	Chert				M
M2_137	M002	Flint Fragment	Flint	365381.7	446757.1	171.102	M
M4_138	M004	Debitage	Chert	365379	446759.1	170.974	M
M6_139	M006	Debitage	Chert	365382.3	446759	170.942	M
M6_140	M006	Worked Chert	Chert	365382.2	446759.1	170.913	M
M6_141	M006	Worked Chert	Chert	365382.5	446759	170.84	M

Trench N

Finds No	Context	Object	Material	East	North	Level
N_001	N001	Debitage	Chert	365380.4	446736.7	171.221
N_002	N001	Bone	Bone	365379.8	446736.7	171.233
N_003	N001	Pottery Fragment	Slate/Tile	365379.7	446736.5	171.237
N_004	N001	Debitage	Flint	365379.8	446734.7	171.153
N_005	N001	Debitage	Chert	365381.1	446735.1	171.103
N_006	N001	Debitage	Chert	365382	446736.4	171.149
N_007	N001	Debitage	Chert	365381.7	446734.3	171.043
N_008	N001	Debitage	Pottery	365382.7	446737.3	171.128
N_009	N001	Debitage	Chert	365384.5	446736.8	171.006
N_010	N001	Debitage	Chert	365381.8	446734.4	171.03
N_011	N001	Debitage	Flint	365384.8	446735.7	170.929
N_012	N001	Debitage	Chert	365382.6	446733.2	170.9
N_013	N001	Debitage	Chert	365382.9	446733	170.861
N_014	N001	Debitage	Chert	365383.1	446732.3	170.79
N_015	N001	Land Drain	Pottery	365379.8	446737.8	171.293
N_016	N001	Debitage	Ceramic	365379.5	446737.3	171.217
N_017	N001	Debitage	Chert	365380.7	446737.5	171.189
N_018	N001	Debitage	Chert	365380.4	446737.2	171.209
N_019	N001	Debitage	Flint	365383.1	446736.6	171.076
N_020	N001	Debitage	Chert	365383.3	446736.3	171.046
N_021	N001	Debitage	White Flint	365381.5	446733.6	170.96
N_022	N001	Bone Fragment	Burnt Bone	365382.1	446734.2	170.949
N_023	N001	Bone Fragment	Burnt Bone	365379.2	446736.1	171.169
N_024	N001	Debitage	Flint	365384.6	446733.6	170.72
N025	N001	Debitage	Pottery			
N026	N001	Debitage	Pottery			
N027	N001	Debitage	Iron			
N028	N001	Modern Debitage	Shotgun Shell Base			
N029	N001	Bone Fragment	Burnt Bone			
N_030	N001	Worked Flint	Flint	365381.5	446737.2	170.417
N_031	N001	Debitage	Chert	365379.5	446734.8	170.4
N_032	N001	Worked Chert	Chert	365379.5	446734.4	170.364
N_033	N001	Worked Chert	Chert	365380.1	446733.9	170.341
N_034	N001	Worked Chert	Chert	365383	446737.8	170.383
N_035	N001	Debitage	Chert	365383.7	446737.3	170.308
N_036	N001	Debitage	Chert	365383.8	446737.3	170.292
N_037	N001	Debitage	Chert	365383.8	446737.5	170.313
N_038	N001	Worked Chert	Chert	365384.1	446737.8	170.315
N_039	N001	Debitage	Chert	365384.3	446737.6	170.293
N_040	N001	Debitage	Chert	365384.3	446737.1	170.294
N_041	N001	Bone Fragment	Bone	365384.8	446737.3	170.24
N_042	N001	Worked Flint	Flint	365384.8	446736.3	170.242

N_043	N001	Debitage	Chert	365384.8	446735.7	170.191
N_044	N001	Debitage	Chert	365381.2	446733.8	170.275
N_045	N001	Debitage	Chert	365384.8	446735.6	170.163
N_046	N001	Debitage	Chert	365384.8	446735.2	170.148
N_047	N001	Worked Chert	Chert	365384.2	446735.3	170.177
N_048	N001	Debitage	Chert	365384.1	446735.2	170.166
N_049	N001	Debitage	Chert	365384	446732.5	169.986
N_050	N001	Debitage	Chert	365382.9	446734.1	170.202
N_051	N001	Debitage	Chert	365383	446734.5	170.233
N_052	N001	Debitage	Chert	365383.2	446734.5	170.202
N_053	N001	Debitage	Chert	365383.2	446733.9	170.163
N_054	N001	Flint Fragment	Flint	365383.6	446734.7	170.166
N_055	N001	Chert Fragment	Chert	365383.8	446733.6	170.08
N_056	N001	Chert Fragment	Chert	365383.9	446733.9	170.093
N_057	N001	Bone	Bone	365384	446733.4	170.062
N_058	N001	Debitage	Chert	365384	446733.4	170.054
N_059	N001	Debitage	Chert	365384.2	446733.3	170.014
N_060	N001	Debitage	Chert	365384.3	446733.8	170.029
N_061	N001	Debitage	Chert	365379.3	446736.6	170.446
N_062	N001	Worked Chert	Chert	365379.5	446734.3	170.358
N_063	N001	Debitage	Chert	365379.8	446734.4	170.363
N_064	N001	Debitage	Chert	365380.4	446737.9	170.504
N_065	N001	Debitage	Chert	365379.8	446735.9	170.426
N_066	N001	Debitage	Chert	365379.7	446737.1	170.464
N_067	N001	Debitage	Chert	365379.7	446736.6	170.441
N_068	N001	Debitage	Chert	365380.8	446737.8	170.45
N_069	N001	Debitage	Chert	365401.2	446755.9	170.303
N_070	N001	Debitage	Chert	365400.1	446752.6	170.42
N_071	N001	Debitage	Chert	365400.1	446752.6	170.414
N_072	N001	Debitage	Chert	365399.9	446752.9	170.439
N_073	N001	Debitage	Chert	365399.8	446752.8	170.395
N_074	N001	Burnt Bone	Bone	365399.6	446752.3	170.417
N_075	N001	Debitage	Flint	365399	446752.5	170.393
N_076	N001	Debitage	Chert	365398.5	446752.2	170.418
N_077	N001	Debitage	Chert	365399.3	446753	170.413
N_078	N001	Debitage	Chert	365399	446752.9	170.408
N_079	N001	Debitage	Chert	365399.3	446753.3	170.42
N_080	N001	Debitage	Chert	365399	446753.1	170.392
N_081	N001	Bone Fragment	Bone	365399.9	446754.5	170.352
N_082	N001	Bone Fragment	Bone	365399.7	446754.6	170.335
N_083	N001	Debitage	Chert	365398.7	446755.1	170.271
N_084	N001	Debitage	Chert	365398.1	446755.5	170.226
N_085	N001	Debitage	Chert	365400.1	446752.7	170.402
N_086	N001	Flint Fragment	Flint	365398.8	446753.6	170.389

N_087	N001	Flint Fragment	Flint	365398.9	446755.8	170.209
N_088	N001	Debitage	Chert	365399.3	446756.6	170.176
N_089	N001	Debitage	Chert	365398.6	446756.6	170.149
N_090	N001	Debitage	Chert	365400.2	446756.7	170.186
N_091	N001	Debitage	Chert	365399.9	446753.2	170.416
N_092	N001	Debitage	Chert	365399.2	446752.9	170.403
N_093	N001	Flint Fragment	Flint	365400.2	446753.6	170.412
N_094	N001	Debitage	Chert	365397.6	446752.6	170.39
N_095	N001	Debitage	Chert	365397.4	446752.8	170.357
N_096	N001	Flint Fragment	Flint	365397.7	446755.7	170.195
N_097	N001	Debitage	Chert	365398.2	446756.8	170.118
N_098	N001	Debitage	Chert	365398.7	446757.3	170.089
N_099	N001	Debitage	Chert	365383.7	446733.4	169.848
N_100	N001	Debitage	Chert	365384.6	446733.3	169.778
N_101	N001	Chert Fragment	Chert	365384.9	446732.4	169.737
N_102	N001	Debitage	Chert	365385	446732.2	169.712
N_103	N001	Debitage	Chert	365384.2	446733	169.782
N_104	N001	Debitage	Chert	365384.6	446733.5	169.767
N_105	N001	Scraper	Flint	365383.8	446735.2	169.937
N_106	N001	Chert Fragment	Chert	365383.4	446736.4	170.065
N_107	N001	Flint Fragment	Flint	365381.1	446737.2	170.188
N_108	N001	Chert Fragment	Chert	365380.1	446734.8	170.172
N_109	N001	Debitage	Chert	365379.9	446734.4	170.144
N_110	N001	Pottery Fragment	Ceramic			
N135	N001	Debitage	Chert			
N2_111	N002	Flint Fragment	Flint	365379.5	446734.4	170.356
N2_112	N002	Debitage	Chert	365379.8	446734	170.329
N2_113	N002	Chert Fragment	Chert	365380.5	446733.7	170.275
N2_114	N002	Chert Fragment	Chert	365380.7	446733.6	170.253
N2_118	N002	Debitage	Chert	365380.2	446733.6	170.274
N2_122	N002	Flint Fragment	Flint	365381	446733.5	170.182
N2_123	N002	Debitage	Chert	365384.2	446733.4	169.958
N2_124	N002	Debitage	Chert	365381.1	446733.4	170.244
N2_125	N002	Debitage	Chert	365380.1	446733.7	170.092
N2_126	N002	Debitage	Chert	365380.5	446734.1	170.125
N2_127	N002	Debitage	Chert	365380.8	446733.6	169.916
N2_128	N002	Worked Chert	Chert	365380.9	446733.4	169.913
N2_129	N002	Debitage	Chert	365380.9	446733.3	169.92
N2_131	N002	Debitage	Chert	365380	446733.7	170.062
N2_133	N002	Chert Fragment	Chert	365379.9	446733.8	170.006
N2_134	N002	Flint Fragment	Flint	365380.2	446733.8	169.969
N2_136	N002	Debitage	Chert	365380.8	446734	170.079
N2_137	N002	Debitage	Chert	365380.6	446734.1	170.099
N138	N002	Debitage	Chert			

N2_139	N002	Debitage	Chert	365384.1	446732.4	169.81
N2_140	N002	Debitage	Chert	365383.6	446732.6	169.862
N2_141	N002	Debitage	Chert	365382.8	446733.2	169.967
N2_142	N002	Debitage	Chert	365382.9	446732.7	169.801
N2_143	N002	Debitage	Chert	365383	446732.5	169.777
N144	N002	Debitage	Chert			
N145	N002	Charcoal Fragments	Charcoal			
N146	N002	Bone Fragment	Bone			
N147	N002	Chert Fragment	Chert			
N148	N002	Debitage	Flint			
N3_116	N003	Chert Fragment	Chert	365384.6	446733.6	169.956
N3_117	N003	Debitage	Chert	365384.4	446733.5	169.971
N3_132	N003	Debitage	Chert	365384.3	446733.5	169.644
N4_115	N004	Worked Chert	Chert	365379.9	446737.3	170.409
N4_119	N004	Worked Chert	Chert	365380	446737.4	170.255
N4_120	N004	Burnt Bone	Bone	365380.3	446737.4	170.256
N4_121	N004	Charcoal Fragments	Charcoal	365380.1	446737.5	170.261
N130	N004	Debitage	Chert			
N244	N004	Charcoal Fragments	Charcoal			
N5_275	N005	Charcoal Fragments	Charcoal	365380.1	446737.4	169.336
N9_149	N009	Debitage	Chert	365380.6	446737.4	170.394
N9_150	N009	Debitage	Chert	365383.7	446735.3	170.15
N9_151	N009	Debitage	Chert	365381.4	446735.9	170.308
N9_152	N009	Debitage	Chert	365381.2	446736	170.309
N9_153	N009	Chert Fragment	Chert	365380.8	446736.5	170.393
N9_154	N009	Debitage	Chert	365379.7	446736.5	170.389
N9_155	N009	Debitage	Flint	365379.2	446737.1	170.463
N9_156	N009	Debitage	Chert	365379.1	446737.5	170.451
N9_157	N009	Debitage	Chert	365380.7	446734.9	170.305
N9_158	N009	Debitage	Chert	365380.6	446734.3	170.307
N9_159	N009	Debitage	Flint	365380.6	446734.2	170.304
N9_160	N009	Debitage	Chert	365383.9	446735.4	170.107
N9_161	N009	Debitage	Chert	365384	446737.1	170.254
N9_162	N009	Debitage	Chert	365384.9	446737.2	170.173
N9_163	N009	Debitage	Chert	365384.6	446737	170.156
N9_164	N009	Debitage	Chert	365383.6	446737.8	170.23
N9_165	N009	Debitage	Chert	365382.6	446737.8	170.261
N9_166	N009	Debitage	Chert	365382.9	446736.1	170.236
N9_167	N009	Debitage	Chert	365382.4	446736	170.301
N9_168	N009	Debitage	Chert	365382.8	446735.4	170.225
N9_169	N009	Chert Fragment	Chert	365383.1	446734.8	170.165
N9_170	N009	Chert Fragment	Chert	365383.3	446734.3	170.116

N9_171	N009	Chert Fragment	Chert	365381.7	446735.4	170.262
N9_172	N009	Debitage	Chert	365381.2	446736.1	170.317
N9_173	N009	Debitage	Chert	365380.5	446736.3	170.307
N9_174	N009	Debitage	Chert	365382	446733.8	170.177
N9_175	N009	Chert Fragment	Chert	365382.5	446733.2	170.112
N9_176	N009	Debitage	Chert	365382.1	446737.6	170.281
N9_177	N009	Debitage	Chert	365381.9	446737.8	170.281
N9_178	N009	Burnt Bone	Bone	365380.1	446737.9	170.279
N9_179	N009	Possible Blade	Chert	365381.9	446735.7	170.28
N9_180	N009	Burnt Flint	Flint	365382.3	446731.9	170.082
N9_181	N009	Burnt Flint	Flint	365384.9	446735.6	169.813
N9_182	N009	Debitage	chert	365384.3	446736.2	169.844
N9_183	N009	Debitage	chert	365383.6	446737.2	169.924
N9_184	N009	Debitage	chert	365383.7	446737.5	169.943
N9_185	N009	Debitage	Flint	365384.2	446734.4	169.733
N9_186	N009	Debitage	Chert	365384.9	446733.2	169.642
N9_187	N009	Debitage	Chert	365383.8	446733.4	169.678
N9_188	N009	Debitage	Chert	365383.1	446734	169.782
N9_189	N009	Debitage	Chert	365383.3	446735.2	169.82
N9_190	N009	Debitage	Chert	365385	446732.2	169.624
N9_191	N009	Debitage	Chert	365382.9	446735.9	169.873
N9_192	N009	Debitage	Chert	365383	446737.7	169.993
N9_193	N009	Debitage	Chert	365382.2	446737.6	170.021
N9_194	N009	Debitage	Chert	365381.7	446737.4	170.033
N9_195	N009	Debitage	Chert	365381.5	446737.3	170.03
N9_196	N009	Debitage	Chert	365380.8	446738	170.011
N9_197	N009	Debitage	Chert	365381	446738	170.096
N9_198	N009	Debitage	Chert	365381.2	446736.4	170.041
N9_199	N009	No Detail on Record	No Detail on Record	365380.1	446735.5	170.033
N9_200	N009	Debitage	Chert	365379.3	446734.9	170.088
N9_201	N009	Debitage	Chert	365380.2	446733.4	169.979
N9_202	N009	Debitage	Chert	365381.1	446733.2	169.868
N9_203	N009	Debitage	Chert	365380.8	446732.8	169.894
N9_204	N009	Debitage	Chert	365384.7	446736.9	169.884
N9_205	N009	Debitage	Chert	365379.3	446736.7	170.074
N9_206	N009	Debitage	Chert	365380.1	446737.6	170.013
N9_207	N009	Debitage	Chert	365381.4	446737	169.99
N9_208	N009	Debitage	Chert	365381.3	446736.4	169.984
N9_209	N009	Debitage	Chert	365381.3	446736.2	169.977
N9_210	N009	Debitage	Chert	365382.1	446736.4	169.905
N9_211	N009	Debitage	Chert	365382.3	446736.3	169.889
N9_212	N009	Debitage	Chert	365383.2	446735.8	169.808
N9_213	N009	Debitage	Chert	365381.1	446733.3	169.858
N214	N010	Debitage	Chert			

N215	N010	Debitage	Chert			
N216	N010	Debitage	Flint			
N217	N010	Debitage	Flint			
N218	N010	Debitage	Chert			
N219	N010	Debitage	Chert			
N220	N010	Debitage	Chert			
N221	N010	Debitage	Chert			
N222	N010	Debitage	Chert			
N223	N010	Debitage	Chert			
N224	N010	Debitage	Chert			
N225	N010	Debitage	Chert			
N226	N010	Debitage	Chert			
N227	N010	Debitage	Chert			
N228	N010	Debitage	Chert			
N229	N010	Debitage	Chert			
N230	N010	Debitage	Flint			
N231	N010	Charcoal Fragments	Charcoal			
N232	N010	Debitage	Flint			
N233	N010	Debitage	chert			
N234	N010	Charcoal Fragments	Charcoal			
N235	N010	Burnt Chert	Chert			
N236	N010	Debitage	Chert			
N237	N010	Debitage	Chert			
N238	N010	Debitage	Chert			
N239	N010	Charcoal Fragments	Charcoal			
N240	N010	Debitage	Chert			
N241	N010	Debitage	Chert			
N242	N010	Debitage	Chert			
N243	N010	Debitage	Chert			
N244	N010	Debitage	Chert			
N245	N010	Charcoal Fragments	Charcoal			
N246	N010	Debitage	Chert			
N247	N010	Debitage	Chert			
N248	N010	Debitage	Chert			
N249	N010	Debitage	Chert			
N250	N010	Debitage	Chert			
N251	N010	Debitage	Chert			
N252	N010	Debitage	Chert			
N253	N010	Debitage	Chert			
N254	N010	Debitage	Chert			
N255	N010	Debitage	Chert			
N256	N010	Debitage	Chert			

N257	N010	Debitage	Chert			
N258	N010	Debitage	Chert			
N259	N010	Worked Flint	Flint			
N260	N010	Debitage	Flint			
N261	N010	Debitage	Chert			
N11_264	N010	Debitage	Chert	365382.3	446735.2	169.743
N11_265	N010	Debitage	Chert	365383.3	446737	169.824
N11_266	N010	Flint Fragment	Flint	365381.8	446734.2	169.77
N11_267	N010	Debitage	Chert	365381.8	446734.1	169.817
N11_268	N010	Debitage	Chert	365381.5	446734.1	169.783
N269	N010	Debitage	Chert			
N10_270	N010	Flint Fragment	Flint	365383.1	446737.8	169.818
N10_271	N010	Flint Fragment	flint	365383.3	446736.9	169.747
N10_272	N010	Debitage	Chert	365383.3	446737.3	169.784
N10_273	N010	Chert Fragment	Chert	365383.3	446736.3	169.737
N274	N010	Chert Fragment	Chert			
N_276	N010	Debitage	Chert	365383.2	446735.4	169.672
N_277	N010	Debitage	Chert	365383.1	446736.1	169.642
N_278	N010	Core	Chert	365383.7	446736.7	169.712
N_279	N010	Chert Fragment	Chert	365383.5	446736.9	169.7
N_280	N010	Charcoal Fragments	Charcoal	365382.3	446735.8	169.6
N_281	N010	Chert Fragment	Chert	365382.4	446736.1	169.624
N_282	N010	Debitage	Chert	365382.8	446737.8	169.747
N_283	N010	Debitage	Chert	365382.9	446733.8	169.546
N_284	N010	Debitage	Chert	365383.3	446733.7	169.544
N10_246	N010	Charcoal Fragments	Charcoal	365381.2	446737.1	169.957
N10_247	N010	Debitage	Chert	365381.4	446736.8	169.976
N10_248	N010	Debitage	Chert	365381.4	446736.5	169.964
N10_249	N010	Debitage	Chert	365380.7	446737.5	169.967
N10_250	N010	Worked Chert	Chert	365379.4	446737.8	170.111
N10_251	N010	Worked Quartz	Quartz	365379.2	446737.6	170.092
N10_252	N010	Debitage	Chert	365379.3	446737.5	170.098
N10_253	N010	Debitage	Chert	365379.3	446737.5	170.098
N10_254	N010	Debitage	Chert	365379.2	446737.4	170.095
N10_255	N010	Debitage	Chert	365379.2	446736.3	170.052
N10_256	N010	Charcoal Fragments	Charcoal	365381.2	446737.4	169.911
N10_257	N010	Debitage	Chert	365380.8	446737.3	169.913
N10_258	N010	Debitage	Chert	365380.9	446736.6	169.948
N10_259	N010	Debitage	Chert	365381.5	446736.2	169.942
N305	N010	Charcoal Fragments	Charcoal			
N306	N010	Charcoal Fragments	Charcoal			
N307	N010	Charcoal	Charcoal			

		Fragments				
N308	N010	Charcoal Fragments	Charcoal			
N10_309	N010	Chert Fragment	Chert	365380.6	446736.3	169.872
N10_310	N010	Debitage	Chert	365380.8	446736.1	169.84
N10_311	N010	Debitage	Chert	365380.6	446737.3	169.903
N10_316	N010	Debitage	Chert	365381.2	446737.1	169.831
N10_317	N010	Worked Chert	Chert	365381.4	446737.4	169.879
N10_318	N010	Worked Chert	Chert	365381.4	446736.8	169.751
N10_326	N010	Debitage	Chert	365381.2	446737.7	169.939
N10_327	N010	Worked Chert	Chert	365381.3	446737.5	169.873
N10_328	N010	Worked Chert	Chert	365381.4	446737.6	169.885
N347	N010	Charcoal Fragments	Charcoal			
N348	N010	Debitage	Chert			
N10_349	N010	Flint Fragment	Flint	365381.7	446735.6	169.786
N10_350	N010	Charcoal Fragments	Charcoal	365381.7	446736.8	169.809
N10_351	N010	Charcoal Fragments	Charcoal	365381.4	446737.5	169.872
N10_355	N010	Flint Fragment	Flint	365381.4	446736.5	169.964
N262	N011	Debitage	Chert			
N11_263	N011	Debitage	Chert	365382.6	446735.1	169.726
N_285	N013	Debitage	Chert	365381.9	446733.7	169.722
N_286	N013	Debitage	Chert	365383.3	446733.9	169.549
N17_287	N013	Debitage	Chert	365381.9	446733.1	169.642
N17_288	N013	Debitage	Chert	365381.7	446733.2	169.669
N17_289	N013	Debitage	Chert	365381.6	446733.2	169.687
N17_230	N013	Chert Fragment	Chert	365381.7	446733.2	169.678
N17_231	N013	Debitage	Chert	365382	446733.4	169.644
N13_240	N013	Debitage	Chert	365380.6	446734.2	169.771
N13_260	N013	Debitage	Chert	365380.1	446734.4	169.909
N13_261	N013	Debitage	Chert	365380.2	446734.2	169.87
N13_264	N013	Possible Blade	Chert	365380.8	446734.6	169.724
N13_265	N013	Debitage	Chert	365381.5	446734	169.644
N13_313	N013	Debitage	Chert	365380.9	446734.1	169.677
N13_314	N013	Hoopd Item	Unknown	365381.2	446733.7	169.682
N13_315	N013	Chert Fragment	Chert	365381.8	446734.5	169.623
N13_319	N013	Worked Flint	Flint	365381.9	446734.8	169.584
N13_320	N013	Worked Chert	Chert	365381.7	446733.9	169.627
N13_321	N013	Debitage	Chert	365381.6	446733.6	169.636
N13_322	N013	Debitage	Chert	365381.8	446733.9	169.629
N13_323	N013	Worked Chert	Chert	365381.6	446733.8	169.635
N13_324	N013	Debitage	Flint	365381.5	446733.9	169.638
N13_325	N013	Worked Chert	Chert	365381	446733.9	169.682
N14_232	N014	Chert Fragment	Chert	365382.3	446737.8	169.648

N14_233	N014	Charcoal Fragments	Charcoal	365382.6	446737.7	169.626
N14_234	N014	Debitage	Chert	365382.7	446737.5	169.609
N14_235	N014	Debitage	Chert	365382.8	446737.7	169.624
N14_236	N014	Debitage	Chert	365383	446737.8	169.642
N14_237	N014	Debitage	Chert	365383.1	446737.8	169.657
N14_238	N014	Debitage	Chert	365382.8	446737.5	169.611
N14_239	N014	Debitage	Chert	365383.1	446737.6	169.637
N14_241	N014	Debitage	Chert	365383.1	446738	169.604
N14_242	N014	Debitage	Chert	365382.6	446737.8	169.418
N14_243	N014	Charcoal Fragments	Charcoal	365382.7	446737.7	169.432
N14_262	N014	Flint Fragment	Flint	365384.9	446737.8	169.873
N14_263	N014	Quartz	Quartz	365384.9	446737.3	169.839
N16_300	N016	Flint Fragment	Flint	365385	446737.1	169.822
N16_301	N016	Debitage	Chert	365383.9	446735.5	169.649
N16_302	N016	Blade	Chert	365384.2	446735.7	169.677
N16_303	N016	Blade/ Scraper	Chert	365384.5	446735.9	169.678
N16_304	N016	Worked Fragment	Stone	365384.9	446736.6	169.787
N16_312	N016	Debitage	Chert	365383.3	446737.1	169.714
N16_329	N016	Worked Chert	Chert	365384.8	446737.1	169.824
N16_330	N016	Worked Flint	Flint	365384.2	446735.5	169.647
N16_331	N016	Debitage	Chert	365384.5	446736.4	169.724
N16_332	N016	Debitage	Chert	365384.1	446737.8	169.727
N16_333	N016	Chert Fragment	Chert	365384.1	446737.7	169.699
N21_334	N016	Debitage	Chert	365382.3	446736.3	169.611
N21_335	N016	Debitage	Chert	365383.4	446737.1	169.655
N16_336	N016	Debitage	Chert	365383.3	446735.1	169.585
N16_337	N016	Debitage	Chert	365382.2	446736.5	169.618
N21_345	N016	Debitage	Chert	365383.5	446737.6	169.619
N21_346	N016	Debitage	Chert	365383	446736.1	169.498
N245	N018	Charcoal Fragments	Charcoal			
N19_338	N019	Debitage	Chert	365380.3	446736.8	169.829
N19_339	N019	Debitage	Chert	365380.5	446736.5	169.822
N19_340	N019	Debitage	Chert	365381.5	446736.2	169.57
N19_341	N019	Debitage	Chert	365381.3	446735.8	169.561
N16_342	N019	Debitage	Chert	365383.9	446736.8	169.621
N19_343	N019	Flint Fragment	Flint	365380.6	446735.6	169.607
N19_344	N019	Debitage	Chert	365381	446736.2	169.509
N19_352	N019	Debitage	Chert	365381.3	446735.5	169.636
N19_353	N019	Flint Fragment	Flint	365381.9	446735.1	169.474
N19_354	N019	Flint Fragment	Flint	365380.8	446735	169.612

Trench P

Finds No	Context	Object	Material	East	North	Level
P_001	P001	Worked Chert	Chert	365401.3	446736.2	169.191
P_002	P001	Debitage	Flint	365401.8	446735.8	169.076
P1_003	P001	Worked Chert	Chert	365402.3	446735.4	169.164
P1_004	P001	Debitage	Chert	365402.2	446734	168.976
P1_005	P001	Worked Chert	Chert	365403.2	446734.9	169.025
P1_006	P001	Worked Chert	Chert	365403	446734.3	168.922
P1_007	P001	Worked Chert	Chert	365403.4	446734.1	168.826
P1_008	P001	Debitage	Flint	365403.7	446734.1	168.807
P1_009	P001		Chert	365403.8	446734	168.747
P1_010	P001		Chert	365403.7	446733.4	168.625
P1_011	P001		Chert	365404.2	446733.9	168.593
P1_012	P001		Chert	365404.3	446733.9	168.576
P1_013	P001	Debitage	Flint	365399.4	446736.1	169.169
P1_014	P001	Debitage	Chert	365399.4	446736.1	169.19
P1_015	P001	Worked Chert	Chert	365400	446735.8	169.208
P1_016	P001	Debitage	Flint	365404.4	446733.3	168.194
P1_017	P001	Worked Chert	Chert	365405.7	446732.6	167.78
P1_018	P001	Flint Flake	Flint	365399.9	446735.8	169.186
P1_019	P001	Flint Flake	Flint	365400.5	446735.4	169.127
P1_020	P001	Flint Flake	Flint	365399.9	446735.8	169.165
P1_021	P001	Debitage	Chert	365399.9	446736.3	169.249
P1_022	P001	Debitage	Chert	365400.7	446735.8	169.042
P1_023	P001	Chert Flake	Chert	365403	446734.4	168.619
P1_024	P001	Flint Flake	Flint	365403.7	446734.7	168.588
P1_025	P001	Debitage	Chert	365403.3	446734.1	168.504
P1_026	P001	Chert Flake	Chert	365402.9	446733.6	168.462
P1_027	P001	Debitage	Chert	365403.2	446733.8	168.44
P1_028	P001	Chert Flake	Chert	365403.9	446733.9	168.388
P1_029	P001	Flint Flake	Flint	365403	446735.2	168.738
P1_030	P001	Chert Flake	Chert	365403.1	446734.5	168.63
P1_031	P001	Chert Flake	Chert	365403.2	446733.4	168.331
P1_032	P001	Debitage	Chert	365403.4	446733.1	168.256
P1_033	P001	Burnt Flint	Flint	365403.7	446733	168.163
P1_034	P001	Flint Flake	Flint	365403.5	446732.9	168.172
P1_035	P001	Debitage	Chert	365402	446734.2	168.678
P1_036	P001	Burnt Flint	Flint	365402.6	446734.3	168.632
P1_037	P001	Flint Flake	Flint	365401.5	446736.3	169.087
P1_038	P001	Chert Flake	Chert	365402.6	446735.3	168.774
P1_039	P001	Chert Flake	Chert	365402.7	446734.9	168.715
P1_040	P001	Not On Record	Not On Record	365402.8	446735.1	168.915
P1_041	P001	Not On Record	Not On Record	365402.7	446735.1	168.912
P1_042	P001	Not On Record	Not On Record	365403.9	446734.5	168.695

P1_043	P001	Worked Chert	Chert	365402.5	446735.3	168.676
P1_044	P001	Debitage	Chert	365402.4	446734	168.468
P3_045	P003	Debitage	Chert	365402.3	446733.8	168.696
P5_046	P005	Debitage	Chert	365403	446735	168.395
P5_047	P005	Debitage	Chert	365403.2	446733.8	168.261
P048	P004	Debitage	Chert			
P049	P004	Scraper	Chert			
P4_038	P004	Debitage	Chert	365403	446733	168.329

Trench Q

Finds No	Context	Object	Material	East	North	Level
Q02_001	Q002	Debitage	Chert	365351.4	446791.7	168.518
Q02_002	Q002	Debitage	Chert	365351.5	446792.8	168.475
Q02_003	Q002	Debitage	Chert	365349.9	446792.8	168.555
Q02_004	Q002	Debitage	Chert	365352.2	446790.9	168.691
Q02_005	Q002	Debitage	Chert	365352.6	446791.1	168.77
Q1_006	Q001	Slag Fragment	Iron (Fe)			
Q2_007	Q002	Debitage	Chert	365349.4	446792.7	168.333
Q2_008	Q002	Debitage	Chert	365350	446793.8	168.277
Q2_009	Q002	Charcoal	Charcoal	365351	446792.8	168.229
Q2_010	Q002	Worked Fragment	Chert	365350.5	446792.5	168.274
Q4_011	Q004	Worked Fragment	Chert	365351.4	446793.3	167.959
Q4_012	Q004	Worked Fragment	Chert	365350.9	446792.5	167.754

Appendix 4 –Charcoal Small Finds identifications NL12-NL14 Denise Druce, Oxford Archaeology (North)

Finds No.	Context	Grid Ref.	East	North	Elevation	Material	Wood species	c14 potential
C058	C02	pt292	365244.790	447083.637	194.444	Charcoal	alder/hazel	good
C025	C03	pt276	365249.617	447081.395	193.769	Charcoal	alder/hazel	good
C048	C03	pt320	365250.431	447083.792	193.311	Charcoal	alder/hazel	good
D110	D02	pt155	365207.425	447064.529	195.693	Charcoal	ash	not ideal- old wood effect
D133	D02	pt179	365204.804	447071.541	195.627	Charcoal	ash	not ideal- old wood effect
D150	D03	pt239				Charcoal	alder	good
D156	D06	pt245	365203.801	447071.259	195.281	Charcoal	Alder/hazel roundwood >7 rings	very good
D151	D06	pt240	365203.464	447070.994	195.383	Charcoal, encrusted with soil	alder/hazel	fair
D152	D06	pt241	365203.618	447070.864	195.320	Charcoal	alder	good
D201	D06	pt326	365204.068	447071.580	195.110	Charcoal	alder/hazel	good
D173	D07	pt263	365204.656	447069.907	195.239	Charcoal	oak	not ideal- old wood effect
F011	F1		499	106	49.959			
H_262	H03		365201.322	447076.379	198.963	Charcoal	alder/hazel	good
H_229	H10		365204.203	447077.022	198.739	Charcoal	Indeterminate- too small	
H_233	H12		365203.160	447073.180	198.492	Charcoal	alder	good
H_239	H12		365203.395	447073.306	198.482	Charcoal	alder/hazel	good
H_272	H12		365203.457	447073.966	198.636	Charcoal	alder	good
H_297	H12		365203.327	447073.874	198.354	Charcoal	alder/hazel	good
H_225	H12		365203.388	447073.348	198.571	Charcoal	ash	not ideal- old wood effect
H_235	H12		365203.350	447073.285	198.497	Charcoal	Indeterminate- too small	
H_258	H12		365203.396	447073.515	198.388	Charcoal	Indeterminate- too small	
H_313	H18		365203.435	447073.521	198.280	Charcoal	alder/hazel	good
H_318	H18		365203.446	447073.775	198.185	Charcoal	alder/hazel	good
H_325	H18		365203.566	447073.452	198.270	Charcoal	Indeterminate- too small	
H_378	H28		365209.064	447075.690	198.522	Charcoal	oak	not ideal- old wood effect

H_377	H29		365208.138	447076.590	198.382	Charcoal	oak	not ideal- old wood effect
H_394	H37		365208.794	447075.042	198.532	Charcoal	oak	not ideal- old wood effect
M081	M4					Charcoal	alder	good
M082	M4					Charcoal	oak	not ideal- old wood effect
M059	M7					Charcoal	oak	not ideal- old wood effect
M091	M7					Charcoal	oak	not ideal- old wood effect
N245	N10					Charcoal	oak roundwood c 13 rings	very good
N256	N10					Charcoal	oak roundwood > 13 rings	very good
N234	N10					Charcoal	hazel	good
N239	N10					Charcoal	hazel	good
N246	N10					Charcoal	alder	good
N305	N10					Charcoal	alder	good
N306	N10					Charcoal	hazel	good
N307	N10					Charcoal	hazel	good
N308	N10					Charcoal	hazel	good
N347	N10					Charcoal	hazel	good
N350	N10					Charcoal	hazel	good
N351	N10					Charcoal	hazel	good
N231	N10					Charcoal	ash	not ideal- old wood effect
N280	N10					Charcoal	ash	not ideal- old wood effect
N243	N14					Charcoal	oak roundwood > 13 rings	very good
N233	N14					Charcoal	hazel	good
N245	N18					Charcoal	oak	not ideal- old wood effect
N244	N4					Charcoal	hazel	good
N275	N5					Charcoal	hazel	good
Q009	Q2					Charcoal	oak roundwood > 11 rings	very good