

Excavations at New Laund Farm, Whitewell, Lancashire, 2012

Draft Interim Report

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I Introduction

Fieldwork was carried out on a prehistoric enclosure on the eastern flank of New Laund Hill during July 2012. The enclosure bank and ditch were first identified by John Alpe, who farms the land. 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. Work in the summer of 2011 had included gradiometer survey of the enclosure site (see figure 1.1 and Peterson 2011) and excavation at Mouse Hole (Site A: NGR SD 6503 4667) and Temple Cave (Site B: NGR SD 6546 4702). No evidence of prehistoric human activity was discovered at Temple Cave but chert debitage around the buried entrance to Mouse Hole demonstrated that there had been small-scale Neolithic or Bronze Age activity at this site. The geophysical survey of the enclosure site appeared to show both traces of the main bank and ditch and some evidence for internal curvilinear features. Two areas were excavated, site C across the main bank and ditch and site D over one of the internal features, to investigate the form and possible date of the enclosure.

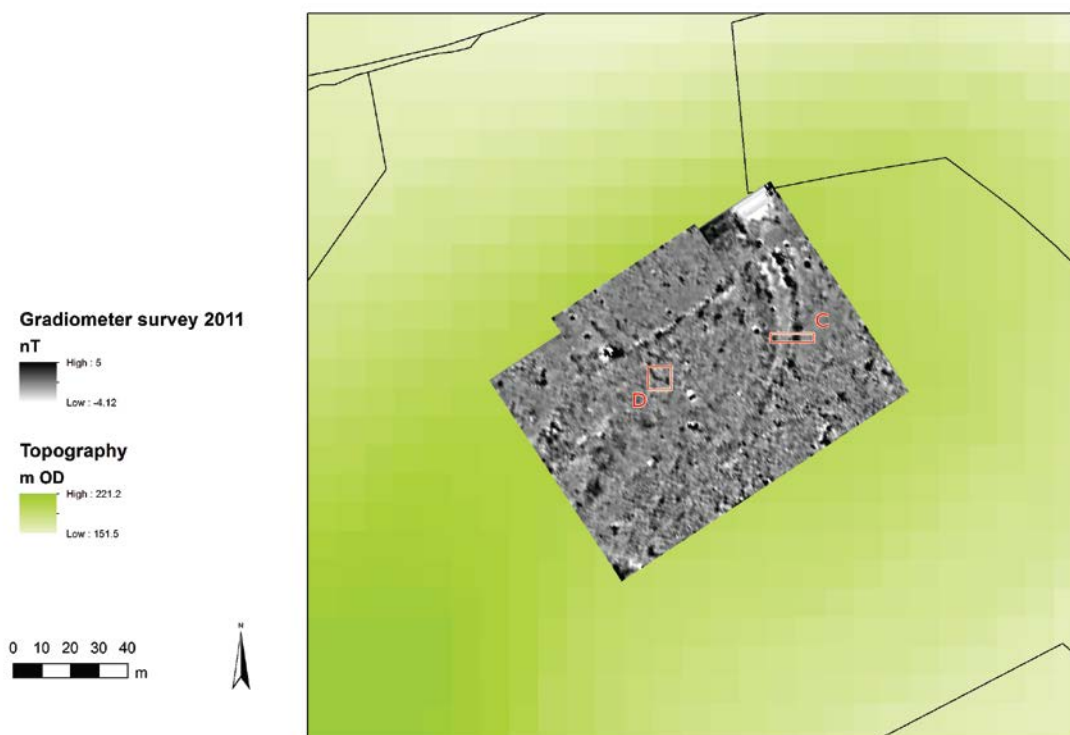


Figure 1.1: Fluxgate gradiometer survey of New Laund Hill from 2011 with the positions of site C and site D indicated.

2 Results of Excavations

2.1 Site C (Enclosure Bank and Ditch)

Site C (NGR SD 6525 4708) was a 3 x 15 m cutting was opened across an area where the bank and ditch of the enclosure were visible both in the fluxgate gradiometer plot and as a standing earthwork (figure 2.1). The stratigraphy in this area was uncomplicated (see figure 2.2) and is described from the base of the sequence.



Figure 2.1: The main bank and ditch of the New Laund Enclosure viewed from the south-east after excavation. This view is from the outside of the enclosure looking across the surviving earthwork portion of bank and ditch. The partially rock-cut nature of the ditch is clearly visible, as are the ephemeral traces of the bank in the near portion of the northern section.

The oldest event identified on site C was the digging of the partially rock cut main ditch, context [C06]. In the excavated section this was nearly 4 m wide at the top, sloping to a very irregular base around 2.5 m wide. On the inner, western, face of the ditch it was cut through natural clay silt subsoil for around half of its 1.2 m depth. Below this point, and almost entirely on the eastern face, it was cut into the limestone bedrock. It is likely that this was achieved by wedging out blocks of limestone using antler or wooden tools but no surviving tool-marks were discovered to definitively support this statement. The rock-cut portions of the ditch were extremely irregular which is almost certainly due, at least in part, to weathering collapse of the edges in period immediately after the ditch was dug.

The lowest fill of the ditch was context (C05): a clean compact light-brown silty clay with very few inclusions which had filled many of the irregular hollows in the base of the ditch. Context (C05) was around 0.25 m deep on average and was largely free of finds. A single fragmentary deposit of animal bone and tooth came from the base of (C05) near the north-western edge of the ditch. The only other find was a single piece of chert debitage.

Above this context was a thick layer of friable yellow-brown silty loam which contained plentiful angular limestone inclusions, some of which were extremely large. This layer, context (C03), was up to 0.4 m thick at the edges of the ditch but was much shallower at the centre. It contained numerous small flecks of charcoal, together with some roundwood fragments which were sufficiently well preserved to be recorded and removed as finds. The

other finds were 12 pieces of lithic debitage, mostly chert but including two flint flakes, and a single very fragmentary piece of pottery or burnt clay.

On the eastern, outer, side of the ditch there was a thin spread of orange-brown silty clay which contained some small to medium angular limestone fragments. This layer, context (C04), only survived to a depth of around 0.1 m thick and had no direct stratigraphic relationship with any of the contexts described above. There were also no finds from the section of (C04) within the excavated area.

Overlying both context (C03) and context (C04) was a mid-brown sandy loam, context (C02). This layer was up to 0.4 m deep in the centre of the ditch and was present over the whole of the trench with the exception of the extreme east end, where the limestone bedrock was exposed at a much higher level. Most of the finds in this layer came from the base of context (C02). These included charcoal, both flecks and a single larger piece, 21 bits of lithic debitage and three pieces of metalworking slag or furnace lining fragments (see section 2.2 below). The worked stone was once again predominantly chert but with a significant proportion of flint (29%) and a single piece of quartz.

The modern topsoil at site C was recorded as context (C01). This was a dark grey-brown silty loam with a relatively high humic content and sparse small angular limestone inclusions. The topsoil was around 0.1 m deep over the whole trench. There were five pieces of worked stone from this layer and a single fragment of cremated human bone (see section 2.2 below).

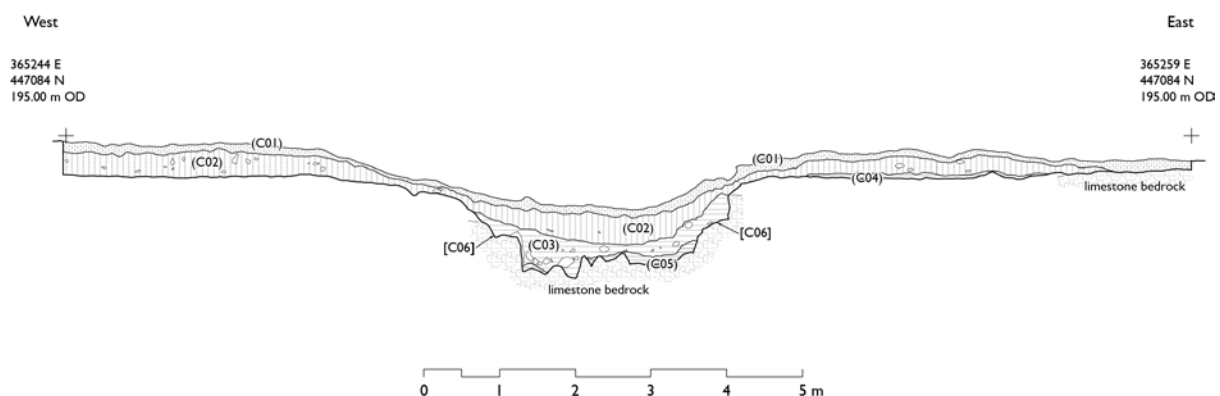


Figure 2.2: Section through the deposits on site C drawn along the northern edge of the excavated area.

2.2 Site D (Internal enclosure features)

Site D (NGR 6521 4707) was an 8 x 8 m square cutting opened over the presumed area of internal features identified from the 2011 geophysical survey. As at site C above there was a depth of sub-soil deposits which had to be removed before prehistoric cut features were visible. Due to time pressures the decision was taken to limit excavation to the western half of the original excavation area: leaving a final excavated area of 4 x 8 m metres. There was a complex of intercutting ditch and posthole features in this area. These are described below with dimensions and forms recorded at the point on the base of the sub-soil where they first became visible. At least 50% of all available deposits were sampled in each feature excavated.

The largest of these was the curvilinear feature running in an arc from the north-west corner of the trench (figure 2.4). This was excavated in three sections separated by baulks and consequently was recorded using three sets of numbers. The cut of this feature was contexts [D13], [D12] and [D19]. To the north the section numbered [D13] was around 1.2 m wide and 0.5 m deep. It had a v-shaped profile with a sharp break of slope at the top of the feature. On both sides of [D13] there were clearly visible numerous small conical indentations which have been interpreted as tool-marks from objects such as antler picks (figures 2.3 and 2.4). [D12], the central section, was similarly wide but more u-shaped in profile and shallower at around 0.3 m deep. It too had apparent tool-marks on and around both sides.

To the south and east [D19] was more irregular in form. It was around 1.1 m wide with a steep break of slope on the southern side and a flat base around 0.4 m deep. The northern edge had a sharp angle in plan and a stepped profile. The southern edge of this feature was particularly difficult to identify in the field as it was cut through a place where the natural sub-soil was heterogeneous. Part of this edge was only established in section after the excavation of a sondage through two layers of this natural deposit, which were given the context numbers (D05) and (D08) on site.



Figure 2.3: a view of context (D06) from the south west during excavation showing the clustered limestone interpreted as disturbed packing material for a post. The tool-marks in the sides of the cut [D13] are also clearly visible.

In the base of [D13] was a thin layer of compact orange-brown sandy clay, context (D17). The upper fill of the whole curvilinear feature was remarkably uniform and can be described as one unit. It was given the context numbers (D06), (D03) and (D07) working from north to south as before. This fill was an orange-brown sandy silt loam with sparse angular

limestone inclusions and two clusters of much larger limestone and glacial erratic rock which appear to have been the remains of packing stones for posts which had been removed. One of these clusters was particularly clear in the south-eastern part of (D06) about halfway up the surviving fill (figure 2.4). The other such cluster was around the southern edge of context (D07). Finds in the fill of this feature included charcoal flecks and fragments, a few fragments of cremated human bone, lithic debitage and two scrapers (see appendix 2).

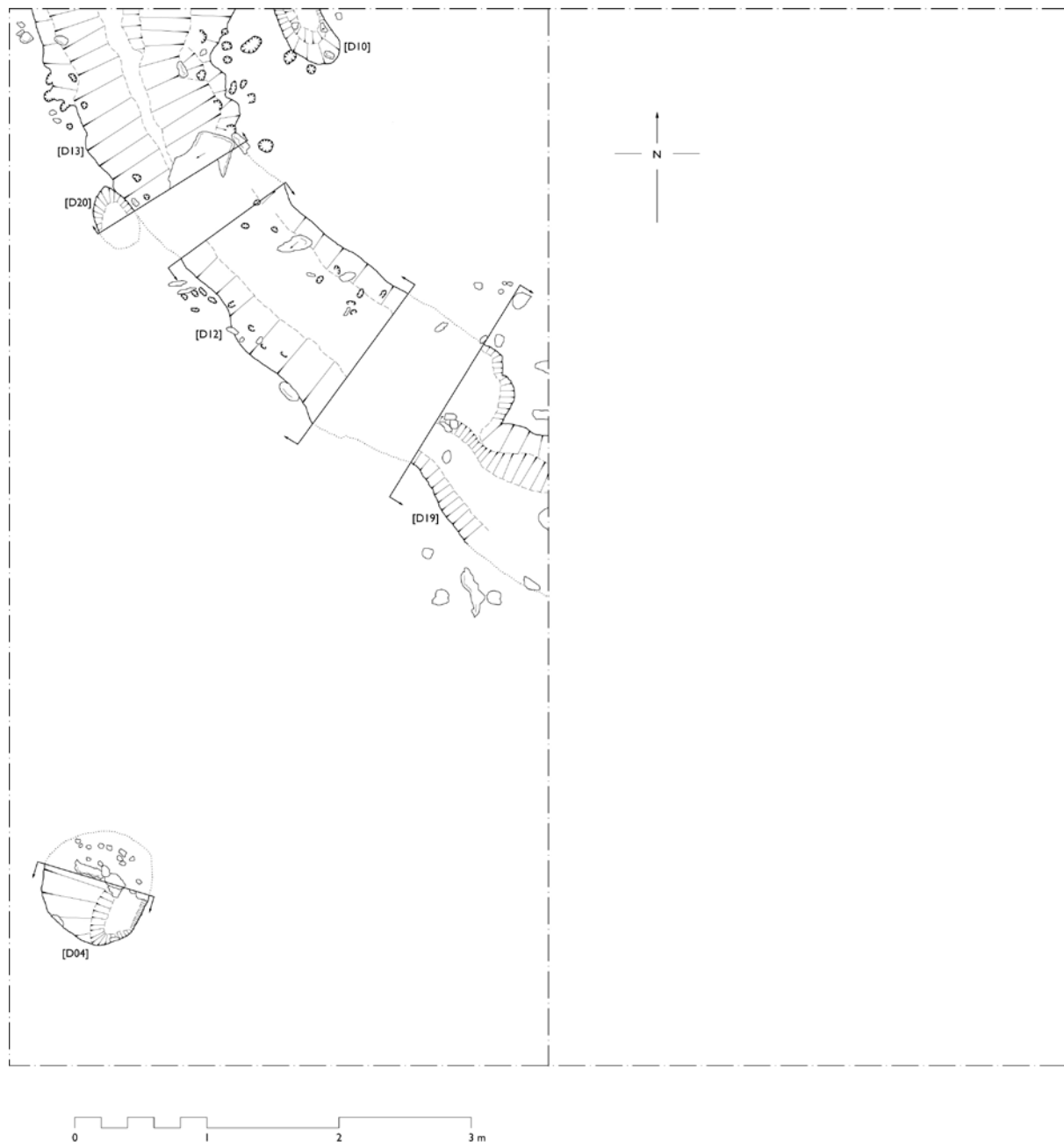


Figure 2.4: plan of site D at the end of the 2012 season of excavation.

There were two other smaller features close to the northern part of the curvilinear ditch. To the west, enclosed by the larger feature but not physically intersecting with it, was the sub-rectangular cut [D10]. In plan this was 0.3 m wide and at least 0.5 m long. The sides were steep, with the angle of slope becoming steeper at a perceptible break of slope about

half way down the depth of the feature, and ended at a flat base. The fill of this feature, context (D11) was a compact orange-brown silty clay with sparse small angular limestone fragments. This was a single uniform fill and there is no indication of a post-pipe. The shape of the cut makes it likely that [D10] was another post-hole but one where the post had been removed before it decayed.

To the east of the curvilinear ditch was a large feature, cut [D20]. This was circular in plan, around 0.4 m in diameter, with a sharp break of slope, steep sides and a flat base. The fill of this feature was a compact orange-brown silty clay, context (D21), with one large angular limestone fragment – possibly a disturbed packing stone. This is also interpreted as a posthole from which the post has been removed. Context (D21) was cut by [D13], the cut of the curvilinear feature, and therefore this posthole and the removal of its post was demonstrably earlier than the cutting of the main ditch.

In the southern part of the excavated area was a single circular feature around 0.8 m in diameter (figure 2.5). This was given the cut number [D14]. The feature was almost vertically sided, except at the upper part of the west side of the cut where there was a shallow ramp.



Figure 2.5: a view from the south of posthole [D14] showing the deep vertical nature of the posthole and the ramp on the western side.

The earliest fill of this feature was context (D16), which was a compact mid-yellow brown clay with sparse angular limestone inclusions. Above this was context (D15), a friable mid greyish-yellow silty clay with similar inclusions. These both seem to represent material slumping back into the feature following the removal of a post. Sealing both these layers was context (D04), a friable light orange-grey silty clay with moderate amounts of small angular limestone inclusions. This was interpreted as a layer of backfilling and levelling in the top of the feature.

All the features described above were only visible once a 0.2 m thick layer of loose dark orange sandy loam had been removed. This layer, context (D02), seems to have been later prehistoric colluvium which was equivalent to context (C02). Within context (D02) there was worked stone debitage and a few pieces of cremated human bone (see appendix 2). There was also some charcoal and metalworking debris in the form of slag and pieces of what is probably furnace lining. Above context (D02) was the modern topsoil, a friable dark grey-brown sandy silt recorded as context (D01). This also contained some metal working debris and more chert debitage.

3 Conclusions and Discussion

Excavations in both areas on the New Laund enclosure have helped us to begin to understand this newly discovered monument. The first point to note is that the surviving archaeology is both more deeply buried and better preserved than was anticipated. This is due to the blanketing effect of the colluvial layers (D02) and (C02). The presence of metalworking evidence within the colluvium probably indicates that there was some later prehistoric or medieval use of the plateau but at the moment we have no evidence of any structures associated with this phase.

The overall shape of the enclosing bank and ditch remains obscure (see figure 1.1). In the excavated section there had clearly been at least a slight external bank. This might suggest that the enclosure belongs within the broad class of henge monuments. There appears to be a natural limestone ridge running along the northern edge of the plateau and it may be that this was incorporated into the enclosure circuit. As yet we have no evidence for the existence of a bank and ditch on the south-western side of the enclosure. This may be because of the masking effects of the colluvium and further excavation in this area is a priority to answer this question.

The internal features in site D belong to several different phases. There seem to have been three individual posts, all of which were removed at some time after they were erected. In the case of the post in [D20] this removal definitely occurred before the digging of the main curvilinear feature. The curvilinear feature seems to have been a shallow ditch with at least two upright posts set in it. These posts were also removed at some date after they were erected. The presence of fragments of cremated bone in the ditch fill indicates that there were cremation burials, at least one of which had been disturbed, somewhere in the vicinity of this structure. Other cremations were presumably present elsewhere on the site as a fragment of cremated bone was also found at site C.

The enclosure seems likely to date to sometime between the Late Neolithic and the Early Bronze Age. The lithic assemblage is still not studied in detail but the general range of forms would not have been out of place from either of these two periods. The internal timber settings associated with cremation burial could be paralleled at the Bleasdale timber circle 7 km to the west. Here the internal settings at least are dated to the Early Bronze Age (Hodgson and Brennand 2006, 42). Late Neolithic enclosure monuments are found in the wider region, together with the well-known Cumbrian sites at Mayburgh and King Arthur's Round Table, there are sites known from aerial photographs in western Cumbria, southern Lancashire and Greater Manchester (Hodgson and Brennand 2006, 38).

The possible date of the enclosure brings into focus one of the important research questions of the project as a whole. This is the relationship between built monuments such

as the New Laund Enclosure and natural landscape features such as caves, rockshelters and dolines (vertical sink holes). The lithic assemblage from Mouse Hole cave discovered last year was very similar in technology and raw materials to the lithic evidence from the enclosure. The larger cave at Fairy Holes which was excavated in 1946 produced animal bones, which are now lost. There was also a large quantity of charcoal, a small lithic assemblage which is described as being predominately comprised of 'dark chert', a single piece of slag and eight sherds of what was interpreted at the time as an Early Bronze Age urn (Musson 1947, 166-168). There is a good possibility that all three sites were in use at the same period. It is hoped that the study of environmental samples from Mouse Hole and New Laund enclosure will help to flesh out this relationship, alongside further fieldwork both on the enclosure and in the natural landscape features.

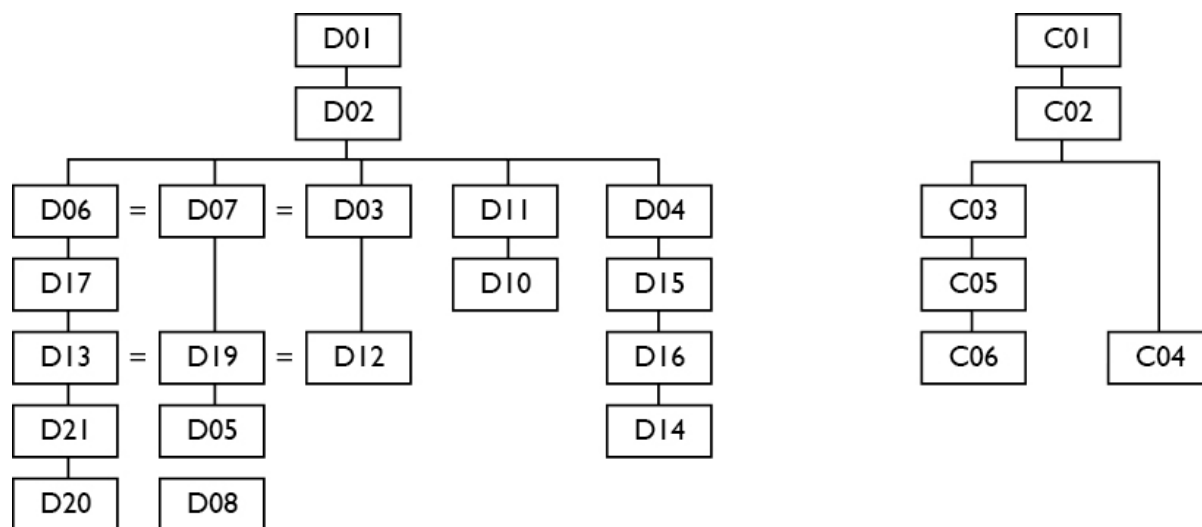
4 Acknowledgements

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 2012 were directed by the author, Mike Birtles and Peter Style. Especial thanks to everyone who dug on the site in often difficult conditions: Jasmine Barnfather, Olaf Bayer, Alex Batey, Tony and Carole Brown, Melanie Campbell, James Claydon, Sam Dickinson, Alex Fells, Ella Franklins, Dave Hitchen, Danii Johnson, Simon Lobel, Carol Perry, Karl Povey, Irene Rawcliffe, Tom Self, Vanessa Silva, Joanne Smith, Peter Style, Connie Tsinontas, Sam Walsh, Danny Weld-Blundell, Dave Wild and Irene van Zwieten.

5 References

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Appendix I: context matrices for the 2012 excavations



Appendix 2: preliminary finds lists for the 2012 excavations

No detailed post-excavation work has been done on the assemblage yet so these lists represent the state of knowledge and assumptions about the finds made during the field season

Number	Context	Object	Material	East	North	Elevation	Notes
C001	C01	chunk	chert	365255.839	447082.431	194.731	
C002	C01	burnt frag	bone	365245.547	447082.110	194.811	
C003	C01	flake	flint	365256.297	447083.304	194.563	
C004	C01	chunk	chert	365256.208	447082.861	194.606	
C005	C01	chunk	chert	365256.823	447081.794	194.652	
C006	C02	shotgun cartridge	Cu alloy	365251.590	447082.469	194.071	
C007	C02	chunk	chert	365251.931	447081.349	194.146	
C008	C02	chunk	chert	365251.942	447081.833	194.185	
C009	C02	chunk	chert	365251.957	447082.090	194.172	
C010	C02	chunk	slag	365251.856	447082.277	194.131	
C011	C02	chunk	slag	365251.214	447082.857	193.966	
C012	C02	chunk	slag	365251.345	447082.908	193.973	
C013	C02	chunk	chert	365252.632	447083.570	194.108	
C014	C02	chunk	chert	365253.307	447082.828	194.352	
C015	C02	flake	flint	365252.900	447082.450	194.242	
C016	C02	flake	flint	365253.353	447081.534	194.385	
C017	C02	flake	flint	365252.774	447082.102	194.241	
C018	C02	chunk	quartz	365250.351	447082.836	193.898	
C019	C02	sherd	pottery	365249.627	447083.398	193.826	
C020	C02	flake	flint	365255.580	447083.568	194.533	
C021	C02	chunk	chert	365244.008	447082.044	194.773	
C022	C02	chunk	chert	365245.140	447082.542	194.646	
C023	C02	chunk	chert	365254.039	447082.343	194.359	
C024	C03	flake	flint	365244.382	447082.572	194.459	
C025	C03	frag	charcoal	365249.617	447081.395	193.769	
C026	C03	frag	charcoal	365253.520	447081.683	194.176	
C027	C03	frag	charcoal	365253.589	447082.006	194.230	
C028	C03	frag	charcoal	365253.118	447081.620	194.055	
C029	C03	frag	charcoal	365253.058	447082.168	194.074	
C030	C03	chunk	chert	365249.852	447083.901	193.689	
C031	C02	flake	flint	365245.024	447083.788	194.430	
C032	C03	chunk	chert	365249.600	447083.459	193.723	
C033	C03	chunk	chert	365251.605	447081.228	193.599	
C034	C03	chunk	chert	365251.381	447081.388	193.481	
C035	C03	chunk	chert	365250.863	447081.648	193.429	
C036	C02	chunk	chert	365245.918	447082.507	194.493	
C037	C03	chunk	chert	365250.382	447081.882	193.470	
C038	C02	chunk	chert	365245.895	447082.491	194.489	
C039	C03	sherd	pottery	365246.367	447081.870	194.497	

Number	Context	Object	Material	East	North	Elevation	Notes
C040	C03	flake	flint	365246.330	447081.974	194.495	
C041	C03	chunk	chert				point not logged: pt306 is a level reading for trench D
C042	C03	snail shell		365249.974	447081.585	193.438	
C043	C03	chunk	chert	365250.552	447082.190	193.394	
C044	C03	chunk	chert	365250.185	447082.353	193.492	
C045	C03	chunk	chert	365250.106	447081.921	193.429	
C046	C01	flake	flint				spoilheap find
C047	C03	chunk	chert	365250.192	447083.640	193.396	
C048	C03	frag	charcoal	365250.431	447083.792	193.311	
C049	C03	chunk	chert	365250.113	447082.717	193.667	
C050	C03	frag	charcoal	365250.175	447082.815	193.565	
C051	C03	frag	charcoal	365249.604	447082.895	193.587	
C052	C02	chunk	chert	365256.130	447083.431	194.422	
C053	C05	chunk	chert	365252.908	447083.729	194.180	
C054	C05	mandible and tooth frags	bone	365249.821	447083.862	193.068	
C055	C02	chunk	chert	365245.505	447081.211	194.547	re-numbered post-ex (duplicated number C025)
C056	C02	chunk	chert	365245.188	447081.264	194.530	re-numbered post-ex (duplicated number C026)
C057	C02	chunk	chert	365244.929	447083.422	194.450	re-numbered post-ex (duplicated number C027)
C058	C02	frag	charcoal	365244.790	447083.637	194.444	re-numbered post-ex (duplicated number C028)
C059	C02	flake	flint	365244.338	447083.813	194.436	re-numbered post-ex (duplicated number C029)

Number	Context	Object	Material	East	North	Elevation	Notes
D001	D01	flake	chert				point not logged
D002	D01	chunk	slag	365206.700	447064.755	195.783	
D003	D01	chunk	slag	365207.446	447064.749	195.816	
D004	D01	flake	chert	365210.300	447064.561	195.687	
D005	D01	chunk	slag	365209.670	447066.652	195.677	not retained - stone
D006	D01	burnt frag	bone	365208.935	447066.896	195.759	
D007	D01	flake	chert	365208.134	447067.787	195.719	
D008	D01	flake	chert	365205.911	447066.147	195.833	
D009	D01	burnt frag	bone	365206.821	447071.950	195.674	
D010	D01	flake	chert	365204.614	447067.824	195.806	
D011	D01	frag	pottery	365204.170	447069.625	195.828	
D012	D01	burnt frag	bone	365205.966	447071.212	195.692	
D013	D01	burnt frag	bone	365206.667	447071.123	195.696	
D014	D01	chunk	quartz	365207.625	447071.508	195.676	
D015	D01	burnt frag	bone	365207.648	447071.244	195.668	
D016	D01	burnt frag	bone	365207.877	447071.481	195.672	
D017	D01	shell	nut	365207.936	447069.998	195.693	
D018	D01	burnt frag	bone	365208.689	447069.689	195.675	
D019	D01	burnt frag	bone	365209.026	447068.996	195.679	

Number	Context	Object	Material	East	North	Elevation	Notes
D020	D01	chunk	slag	365209.478	447069.773	195.657	
D021	D01	burnt frag	bone	365209.694	447070.116	195.702	
D022	D01	flake	chert	365209.837	447071.116	195.618	
D023	D01	cartridge	plastic	365203.255	447064.386	195.825	
D024	D01	burnt frag	bone	365204.647	447064.940	195.869	
D025	D01	chunk	slag	365205.549	447064.667	195.793	
D026	D01	burnt frag	bone	365205.667	447066.073	195.782	
D027	D01			365206.092	447066.144	195.753	
D028	D01	chunk	slag	365206.541	447065.495	195.717	
D029	D01	frag	pottery	365207.516	447065.187	195.704	
D030	D01	chunk	slag	365207.484	447065.412	195.712	
D031	D01			365207.381	447066.354	195.722	
D032	D01	chunk	chert	365207.456	447066.443	195.727	
D033	D01	sherd	pottery	365207.579	447067.028	195.687	
D034	D01	chunk	slag	365207.558	447067.209	195.688	
D035	D01	sherd	pottery	365207.291	447067.376	195.674	
D036	D01	chunk	cinder	365207.095	447068.296	195.676	
D037	D01	chunk	slag	365205.603	447068.520	195.675	
D038	D01	chunk	slag	365206.589	447068.723	195.657	
D039	D01	chunk	slag	365206.680	447068.820	195.654	
D040	D01	chunk	slag	365206.701	447068.966	195.667	
D041	D01	burnt frag	bone	365207.045	447069.884	195.668	
D042	D01	burnt frag	bone	365205.046	447070.497	195.676	
D043	D01	frag	charcoal	365204.092	447070.538	195.674	
D044	D01	chunk	chert	365203.882	447071.845	195.707	
D045	D01	burnt frag	bone	365208.656	447064.584	195.671	
D046	D01	burnt frag	bone	365209.627	447064.419	195.646	
D047	D01	burnt frag	bone	365209.463	447065.030	195.626	
D048	D01	burnt frag	bone	365209.100	447065.885	195.645	
D049	D01	flake	flint	365208.684	447066.580	195.683	
D050	D01	burnt frag	bone	365210.210	447069.076	195.583	
D051	D02	chunk	chert	365204.062	447066.338	195.806	
D052	D02	frag	pottery	365204.131	447067.104	195.762	
D053	D02	chunk	chert	365204.446	447067.241	195.754	
D054	D02	blade	chert	365204.238	447068.476	195.749	
D055	D02	chunk	slag	365206.581	447068.719	195.656	
D056	D02	chunk	slag	365207.634	447067.600	195.646	
D057	D02	chunk	chert	365208.381	447066.693	195.673	
D058	D02	chunk	slag	365208.694	447068.114	195.615	
D059	D02	frag	charcoal	365209.429	447069.950	195.589	
D060	D02	chunk	slag	365203.951	447066.976	195.765	
D061	D02	chunk	slag	365204.727	447067.701	195.737	
D062	D02	flake	flint	365203.081	447066.396	195.770	

Number	Context	Object	Material	East	North	Elevation	Notes
D063	D02	chunk	slag	365204.051	447068.346	195.762	
D064	D02	chunk	slag	365203.906	447068.592	195.771	
D065	D02	chunk	slag	365204.120	447069.180	195.734	
D066	D02	chunk	slag	365203.765	447069.325	195.747	
D067	D02	chunk	chert	365203.571	447069.712	195.738	
D068	D02	chunk	chert	365210.301	447064.385	195.599	
D069	D02	chunk	slag	365209.189	447066.320	195.642	
D070	D02	burnt frag	bone	365210.181	447066.177	195.569	
D071	D02	chunk	chert	365210.070	447064.307	195.608	
D072	D02	chunk	chert	365209.358	447069.542	195.603	
D073	D02	chunk	slag	365209.491	447069.972	195.593	
D074	D02	chunk	cinder	365209.800	447064.305	195.561	
D075	D02	chunk	chert	365208.782	447071.118	195.618	
D076	D02	blade	chert	365209.871	447064.381	195.528	
D077	D02	chunk	cinder	365202.957	447068.738	195.791	
D078	D02	chunk	chert	365209.756	447064.537	195.539	
D079	D02	chunk	slag	365210.476	447068.515	195.590	
D080	D02	chunk	slag	365209.218	447071.334	195.601	
D081	D02	chunk	slag	365203.346	447068.643	195.768	
D082	D02	sherd	pottery	365203.622	447067.573	195.766	
D083	D02	flake	flint	365209.865	447064.497	195.508	
D084	D02	chunk	slag	365203.693	447068.306	195.752	
D085	D02	scraper	chert	365210.287	447070.855	195.577	
D086	D02	chunk	slag	365203.181	447071.597	195.711	
D087	D02	chunk	slag	365202.842	447071.696	195.745	
D088	D02	frag	charcoal	365203.948	447068.709	195.728	
D089	D02	core	chert	365208.784	447067.130	195.608	
D090	D02	flake	chert	365208.729	447066.232	195.631	
D091	D02	blade	chert	365210.161	447064.219	195.451	
D092	D02	chunk	chert	365207.187	447066.551	195.671	
D093	D02	frag	charcoal	365206.043	447066.823	195.697	
D094	D02	chunk	chert	365204.235	447067.933	195.686	
D095	D02	chunk	chert	365202.894	447070.647	195.713	
D096	D02	frag	charcoal	365209.921	447067.355	195.575	
D097	D02	chunk	cinder	365207.549	447065.631	195.676	
D098	D02	sherd	pottery	365207.285	447065.577	195.681	
D099	D02	frag	charcoal	365204.961	447065.556	195.744	
D100	D02	chunk	slag	365207.386	447065.465	195.691	
D101	D02	sherd	pottery	365207.296	447065.506	195.676	
D102	D02	sherd	pottery	365207.099	447065.641	195.675	
D103	D02	chunk	cinder	365207.802	447065.260	195.678	
D104	D02	sherd	pottery	365207.514	447065.400	195.690	
D105	D02	frag	charcoal	365205.017	447065.378	195.736	

Number	Context	Object	Material	East	North	Elevation	Notes
D106	D02	sherd	pottery	365207.102	447065.258	195.672	
D107	D02	frag	pottery	365209.238	447065.777	195.581	
D108	D02	frag	charcoal	365206.144	447065.217	195.701	
D109	D02	frag	charcoal	365205.779	447065.612	195.698	
D110	D02			365207.425	447064.529	195.693	
D111	D02	frag	charcoal	365204.676	447064.490	195.758	
D112	D02	sherd	pottery	365203.163	447065.452	195.722	
D113	D02	chunk	chert	365206.992	447067.705	195.618	
D114	D02			365206.508	447064.415	195.700	
D115	D02			365206.302	447064.584	195.693	
D116	D02			365206.665	447067.230	195.639	
D117	D02	chunk	chert	365199.957	447063.581	196.180	
D118	D02	chunk	chert	365199.957	447063.581	196.180	
D119	D02	frag	pottery	365208.577	447065.839	195.612	
D120	D02	scraper	chert	365208.612	447064.457	195.627	
D121	D02	blade	chert	365207.386	447064.408	195.657	
D122	D02	flake	flint	365202.659	447067.885	195.733	
D123	D02	chunk	cinder	365206.516	447069.960	195.584	
D124	D02	chunk	cinder	365206.776	447070.245	195.622	
D125	D02	flake	chert	365205.235	447069.641	195.591	
D126	D02	chunk	chert	365206.746	447070.662	195.613	
D127	D02	chunk	chert	365205.319	447069.953	195.599	
D128	D02	chunk	cinder	365205.067	447070.622	195.618	
D129	D02	chunk	chert	365205.039	447068.423	195.633	
D130	D02	chunk	chert	365203.259	447068.375	195.688	
D131	D02	scraper	chert	365203.095	447068.448	195.677	
D132	D02	frag	pottery	365202.945	447071.751	195.659	
D133	D02	frag	charcoal	365204.804	447071.541	195.627	
D134	D02	flake	flint	365206.098	447068.448	195.594	
D135	D02	flake	flint	365204.046	447068.306	195.665	
D136	D02	flake	flint	365203.865	447071.590	195.607	
D137	D02	flake	flint	365204.664	447068.204	195.565	
D138	D02	frag	charcoal	365204.005	447068.435	195.585	
D139	D02	flake	chert	365204.238	447067.892	195.614	
D140	D02	flake	chert	365206.209	447068.367	195.545	
D141	D02	flake	chert	365206.618	447068.446	195.542	
D142	D02	burnt frag	shale	365204.610	447067.842	195.550	
D143	D02	chunk	chert	365204.465	447069.516	195.531	
D144	D02	chunk	chert	365240.610	447098.763	195.486	
D145	D03	chunk	chert	365237.707	447096.207	195.527	
D146	D03	chunk	chert	365238.244	447096.740	195.516	
D147	D03	chunk	chert	365238.415	447096.490	195.512	
D148	D04	chunk	chert	365234.466	447098.255	195.410	

Number	Context	Object	Material	East	North	Elevation	Notes
D149	D03	chunk	chert	365204.707	447070.260	195.477	
D150	D03	chunk	chert	365204.474	447070.153	195.344	
D151	D06	frag	charcoal	365203.464	447070.994	195.383	
D152	D06	frag	charcoal	365203.618	447070.864	195.320	
D153	D06	burnt frag	bone	365203.828	447072.033	195.381	
D154	D06	frag	charcoal	365203.755	447071.054	195.305	
D155	D06	burnt frag	bone	365203.850	447070.776	195.298	
D156	D06	frag	charcoal	365203.801	447071.259	195.281	
D157	D03	burnt frag	bone	365204.954	447069.921	195.320	
D158	D04	flake	flint	365203.349	447065.283	195.359	
D159	D03	burnt frag	bone	365204.634	447069.818	195.287	
D160	D03	hammerstone	sandstone	365204.939	447069.786	195.332	
D161	D07	burnt frag	bone	365206.590	447068.770	195.421	
D162	D03	scraper	chert	365204.568	447069.734	195.290	
D163	D05	frag	charcoal	365204.735	447069.998	195.272	
D164	D03	pebble	sandstone	365206.232	447065.277	195.425	
D165	D06	chunk	chert	365203.734	447072.029	195.323	
D166	D03	burnt frag	bone	365205.292	447069.431	195.355	
D167	D06	rubbing stone	sandstone	365203.289	447071.870	195.301	
D168	D06	frag	charcoal	365203.116	447071.833	195.298	
D169	D03	frag	charcoal	365204.385	447070.334	195.296	
D170	D06	burnt frag	bone	365203.883	447070.939	195.258	
D171	D03	burnt frag	bone	365204.370	447070.333	195.298	
D172	D07	sherd	pottery	365205.743	447068.439	195.358	
D173	D07	frag	charcoal	365204.656	447069.907	195.239	
D174	D03	hammerstone	sandstone	365204.239	447071.169	195.331	
D175	D03	hammerstone	sandstone	365203.651	447070.938	195.270	
D176	D06	burnt frag	bone	365204.001	447071.455	195.211	
D177	D06	hammerstone	sandstone	365204.001	447071.455	195.211	
D178	D06	scraper	flint	365203.937	447071.535	195.208	
D179	D03	burnt frag	bone	365204.893	447069.561	195.215	
D180	D07	frag	charcoal	365206.593	447069.177	195.437	
D181	D08	possible spade	limestone	365205.990	447064.849	195.106	natural
D182	D03	burnt frag	bone	365204.544	447070.192	195.184	
D183	D03	burnt frag	bone	365204.945	447069.687	195.210	
D184	D03	burnt frag	bone	365204.372	447070.141	195.168	
D185	D08	frag	charcoal	365206.189	447065.073	195.130	
D186	D03	burnt frag	bone	365204.881	447069.700	195.190	
D187	D08	frag	wood	365206.159	447065.063	195.102	
D188	D04	chunk	chert	365203.640	447065.069	195.252	
D189	D09	hammerstone	granite	365205.987	447064.937	194.986	
D190	D04	chunk	chert	365203.657	447065.051	195.284	
D191	D03	frag	charcoal	365205.189	447069.213	195.233	

Number	Context	Object	Material	East	North	Elevation	Notes
D192	D03	burnt frag	bone	365205.117	447069.702	195.169	
D193	D07	burnt frag	bone	365206.661	447068.259	195.315	
D194	D06	burnt frag	bone	365204.233	447071.309	195.297	
D195	D05	sherd	pottery	365206.672	447065.460	195.263	
D196	D06	burnt frag	bone	365203.733	447070.782	195.281	
D197	D06	rubbing stone	sandstone	365203.496	447071.082	195.379	
D198	D06	flake	chert	365203.438	447071.432	195.149	
D199	D06	burnt frag	bone	365203.593	447071.293	195.140	
D200	D06	burnt frag	bone	365203.454	447071.888	195.080	
D201	D06	frag	charcoal	365204.068	447071.580	195.110	