Law of Dumbuils Hillfort Excavation 2010

Data Structure Report

By Tessa Poller

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Summary

Excavations at the Law of Dumbuils hillfort took place between the 2nd and 22nd of August, 2010 as part of the Strathearn Environs and Royal Forteviot (SERF) project. A 35m by 2m wide trench was excavated over the upstanding remains of the ramparts on the northern face of the hillfort. The results show that the form of the ramparts was adapted to suit the underlying undulating bedrock. In the first phase of the fort the ramparts were largely composed of earth and rubble, with some possible evidence for stone revetment and possible timber elements. Some time in the Middle Iron Age or later the innermost rampart was augmented and broadened. This phase utilised more large stones and rubble into the construction of the rampart and perhaps incorporated more timber. Within this trench part of a possible hollow way leading to and from the entrance into the interior was also explored. Here an area of paving and other traces of activity and construction were revealed. Within the interior two test pits did not reveal clear structural evidence.

Introduction

Since 2007 SERF has developed a long-term programme of investigating the hillforts surrounding Forteviot. The primary aim of this programme is to obtain a chronological and general developmental sequence for hillforts within this landscape. On the northern slopes of the Ochils there is a notable concentration of sites classified as forts, but we know very little about these sites – particularly their chronology. The results from the SERF programme so far have highlighted the value of systematic excavations to provide a wide overview of the chronology of these places.

The fieldwork at the Law of Dumbuils in 2010 is the fourth season of work conducted through the SERF programme. These investigations have highlighted similarities between this fort and others such as Jackschairs (NGR NO 0720 1680; NO01NE 20) and Dunknock (NGR NO 0230 1431, NO01SW 18).

Location and Background

Law of Dumbuils is a low glacially moulded volcanic hill. Like Jackschairs Wood and Dunknock this hill is in a relatively low position, less than 100m OD, under the shadow of the higher hills of the Ochils to the south. The fort at the Law of Dumbuils (NGR NO 1015 1695; NMRS: NO11NW 19) occupies the highest summit of this hill and is defined by three ramparts visible on the northern side. The two outer ramparts are only visible on the north side of the hill, while the innermost rampart may continue (although in a reduced form) around the circuit of the hill. Towards the south the hill slope steepens substantially and building ramparts here may not have been necessary or possible. D-shaped or oval in plan, the fort measures internally about 130m by 50m to 80m. There are two possible entrances. The one on the north-west side is most prominent with a hollow way leading into the interior. The entrance on east side is obscured by later activities of a small plantation. The interior of the fort is undulating with possible stances for structures, surrounding and perhaps formed by areas of outcropping bedrock.

Law of Dumbuils is situated less than five kilometres to the southeast of Forteviot, in the parish of Forgandenny. The view to the Strathearn valley to the northwest is blocked by a low neighbouring ridge. However, the view to the northeast is extensive with a clear sight of Moncrieffe Hill. To the south the fort at Castle Law Forgandenny (NGR NO 0998 1544,

NO01NE 5), in the Ochils, looms over the Law of Dumbuils and has a particularly close spatial and visual relationship (see Figure 1).

Prior to the excavations here, the Law of Dumbuils had received very little archaeological attention. There has been no previously recorded archaeological excavation or detailed survey of the site. In 1845 the New Statistical Account describes 'a wall of great granite boulders' defining the north and east sides of the fort (NSA 1845). In 1875 MacLagan notes that there is some sign of vitrification on the fort (MacLagan 1875), although no other observer since has noticed any similar evidence. In subsequent studies the site has only been mentioned in general reviews of hillforts in the area, such as Sherriff (1977) and Driscoll (1987). It was last visited by the RCAHMS in 1996.

Figure 1: View of Law of Dumbuils towards the north from Castle Law, Forgandenny

Aims

The main purpose of the SERF excavation at the Law of Dumbuils was to obtain a better understanding of the monument and to retrieve datable evidence in order to propose when this site was fortified. The results of the excavations will contribute to the wider landscape study of hillforts in Strathearn by SERF, which aims to build a chronology sequence for the construction and use of these monuments.

The long trench excavated across the north facing ramparts and ditches was designed to sample of the defences of the site and to evaluate the following research questions:

- What is the nature and date of the ramparts and ditches?
- How do the ramparts and ditches relate to one another?
- How was the fort constructed? Are there evidence of reuse and/or recutting of the ditches?

- When did the fort fall out of use? Is there evidence of intentional demolition of the defences?
- What are the conditions of archaeological deposits of the ramparts and ditches? How does the preservation compare to other areas on the site?

It was also an aim to explore if there any internal features that relate to the time when the hill was fortified. Two small trenches were positioned to sample the most likely locations of internal structures in the interior and to evaluate the following research questions:

- Is there evidence for occupation within the interior of the fort?
- What is the nature and date of this occupation? How does this compare with the date of the ramparts & ditches?
- Can individual structures or features be identified?

Methodology

The excavation methodology at the Law of Dumbuils was in keeping with the previous SERF hillfort excavations and was conducted in accordance with the Institute for Field Archaeologists Standard and Guidance for archaeological excavations (revised 2008). One long trench, measuring 35m by 2m, was excavated across the visible remains of the ramparts on the north side of the fort (Trench 1) (see Figure 2). During excavation, a small extension, measuring 2m by 5m was excavated to explore a possible structure near the south end of the trench. Two small test pits (Trench 2 & 3), each measuring 2m by 2m were excavated within the interior of the fort where there were possible stances for structures.

All the trenches were deturfed and excavated by hand. According to standard practice, each context was fully recorded by photograph, drawing and written description. All artefact locations were recorded three-dimensionally using taped offsets and a level, or, when available, by using a Leica 407 total station. Soil samples were taken of each stratigraphically secure context in order to retrieve dating evidence as well as palaeobotanical remains. At the end of the excavation the trenches were back-filled by hand and returned to the state it was prior to excavation.

Alongside the excavations, a topographic survey of the whole hillfort was conducted, providing a more detailed picture of the visible features of the fort (see Figure 2), and enabling the results of the excavation to be situated in a wider survey of the hillfort defences.

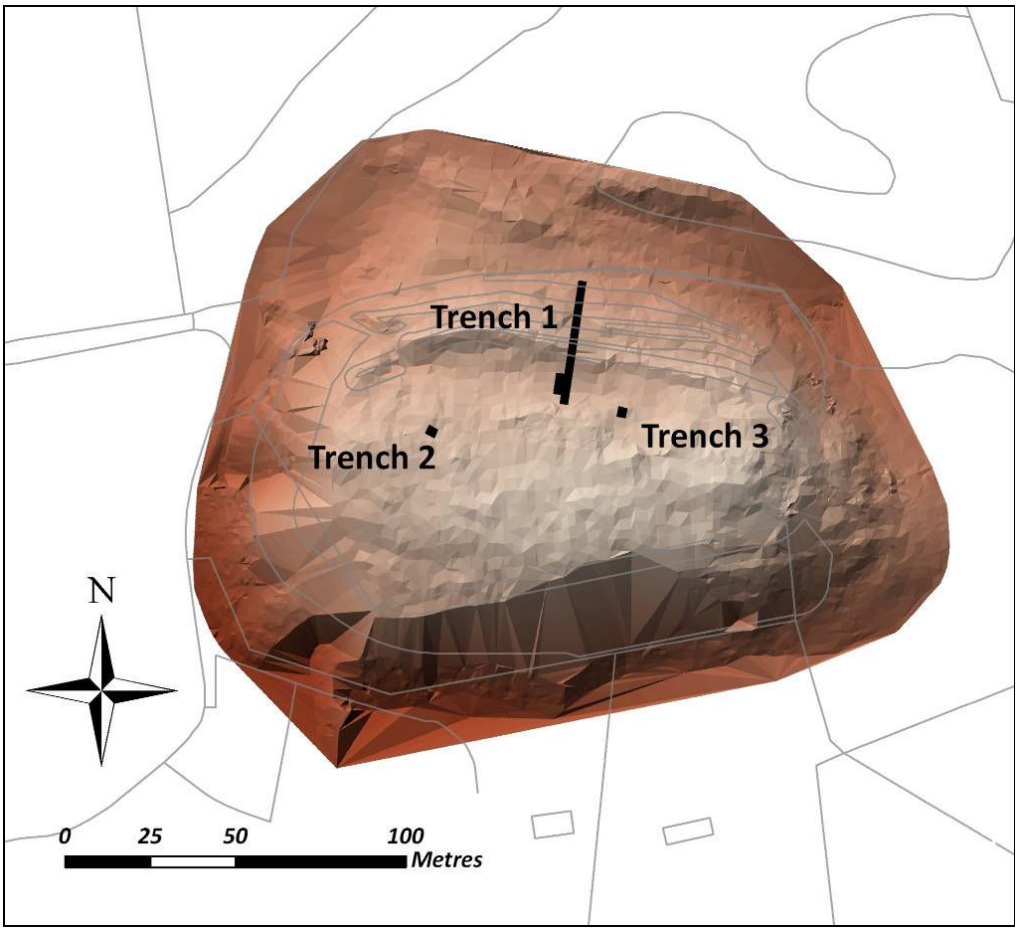

Figure 2: Location of trenches on mapped top of the raw data from the topographic survey

Results

The excavation results are presented below. The contexts will be described by rampart/feature, from the lowest and northernmost rampart into the interior. The interpretations presented here are provisional prior to the results of post-excavation analysis and radiocarbon dating.

Trench 1

Rampart 3

The outermost rampart (Rampart 3) survived as a low mound (approximately 5m wide and 0.4m high) and was composed of four similar deposits of silt and silty clay with small angular stone (9032, 9026, 9028 & 9014). Within the uppermost of these layer (9014) a hammerstone (SF 9044) and possible coarse stone tool fragment (SF 9045) was found. At the northernmost edge of this rampart was a thin narrow band of dark reddish brown clayey silt (9015) which extended beyond the end of the trench. This deposit may have been material which had slumped from the core of the rampart or perhaps a ditch fill.

Defining the southern edge of Rampart 3 was a shallow ditch (2.3m wide by 0.6m deep) [9059]. This ditch was steeply cut into the subsoil on the north side. Towards the south the ditch cut came to be defined by the underlying bedrock (9058), which gradually sloped upwards towards Rampart 2. In the southwest corner the bedrock appeared to have been purposefully chipped away to form a relatively even surface. At the base of the ditch was a

thin lens of reddish orange silty clay (9033), which on the interface with the layer above a small iron rod fragment (SF 9050) was recorded. Above this lens, distinctly banked on the north side of the ditch, was a deposit of clayey silt with a moderate amount of medium stone (9022), likely to be collapse from Rampart 3.

Figure 3: Plan view of ditch showing bedrock on south side

Figure 4: East facing section of ditch

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East facing section of ramparts

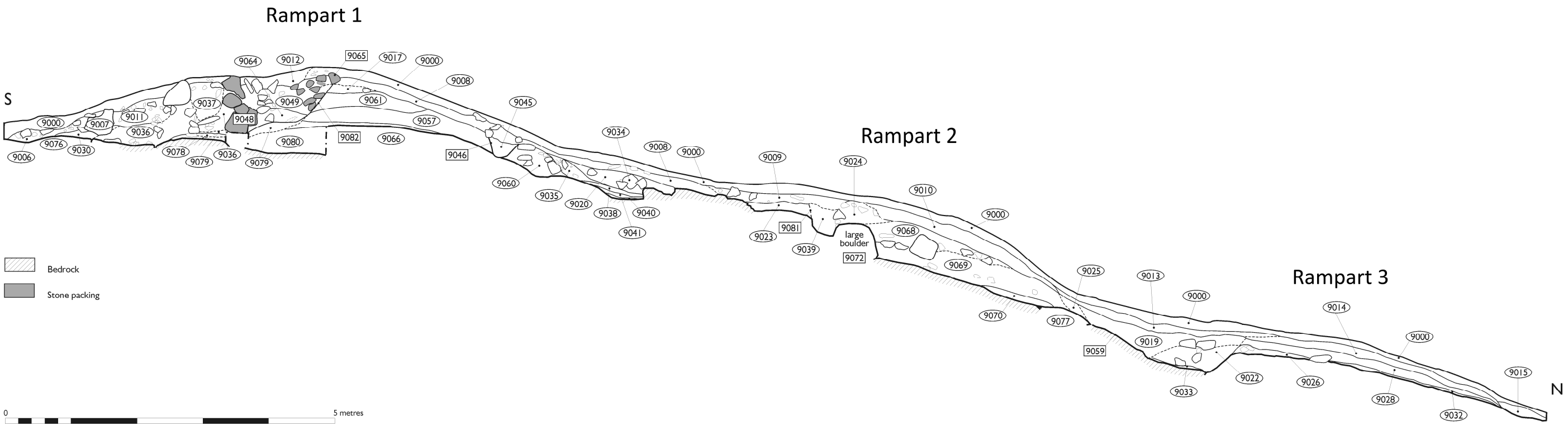

Figure 5

Rampart 2

At the southern edge of the ditch [9059], towards Rampart 2, was a small spread of reddish pink clay subsoil (9077), measuring roughly 1.2m long by 0.6m wide. Overlapping this clay subsoil and an area of exposed bedrock was a thin (less than 0.1m thick) layer of mottled clay (9070). This layer filled a shallow hollow between the bedrock and subsoil. The upper end of Rampart 2 was defined by massive boulders (one of which measured over 0.8m long by 0.8m wide and 0.8m deep) and other stones. On the north side of these stones the substantial earthen core of Rampart 2 was deposited, characterised by layers of greyish and reddish brown clay with occasional flecks of charcoal and burnt bone (9069 & 9068). On the summit of the rampart overlying the line of boulders was a layer of yellowish brown silt with frequent stone (9024). To the south of this, on the summit of Rampart 2, was a narrow ditch or pit [9081] (0.6m wide and 0.6m deep) with a dark greyish brown clayey silt fill (9039). This cut feature was not clear in plan due to rubble material from 9024 collapsing into the fill and thus making it indistinguishable on the surface. This feature also cut into a spread of medium brown silty clay (9023) located o the south of Rampart 2, on a relatively level surface directly above subsoil.

Collapse of Rampart 2 would have largely fallen towards the north. Spreading down the north face of Rampart 2 was orange brown sandy silt deposits (9010 & 9027). At the base of the rampart was a layer of angular stone (including slate fragments (SF 9043)) within a clayey silt matrix (9025), containing charcoal and burnt bone fragments. This layer may either be tumble from higher up the rampart or traces of a stone revetment which has been disturbed by later erosion. Above this layer and filling the ditch [9059] was a deposit of clayey silt (9019) with distinctly less stone than 9025. Above this was a thin layer of reddish brown clayey silt and gravel (9013), similar to the erosion layer 9010 on the north face of Rampart 2.

Rampart 1

In between Rampart 2 and Rampart 1 was a fairly level area with outcropping bedrock near to the ground surface. Surrounding the outcropping bedrock, and above the subsoil, was a very thin lens (less than 0.05m) of clay (9040). At edge of the base of Rampart 1, above the clay 9040, was a thin lens of slick dark greyish brown clay (9041) and a deposit black brown clayey silt (9038), both containing flecks of charcoal.

The lowest level of Rampart 1, above bedrock, was a 0.35m thick layer of pink silty clay (9080), which was partially disturbed by animal burrows. This layer may have been natural glacial till or redeposited natural. Above this was a thin (maximum 0.05m) dark pink silt layer (9066), perhaps a burnt surface or an old turf line. The earthen core of this rampart was largely composed of reddish brown and greyish brown silts with the upper layers containing more stones (9057, 9061 & 9017 from lowest to highest respectively). Near the base of the northern face of the rampart, cutting into the reddish brown earthen core material (9057), was a narrow (0.4m) ditch or pit [9046] filled with a dark brown silt with flecks of charcoal (9045). The north side of this feature was supported by a deposit of silty clay with medium (0.3m by 0.3m by 0.2m) subangular stones (9060), which were purposefully set within the soil matrix forming a revetment and defining the outer face for Rampart 1 (see Figure 6 & 7). Overlapping this stone facing and spreading north was a dark brown silt containing small to medium stones and occasional charcoal and burnt bone (9035). Above this was a dark clay silt layer with more collapsed stone (9020), which included slag (SF 9029), some burnt bone fragments and two hammerstones (SFs 9021 & 9036). On top of this and spreading onto outcropping bedrock in between Rampart 1 and 2 was a rubble layer (9034) containing

stones of varying sizes, some up to 0.7m in dimension. Further erosion and slump of reddish silt (9008) from Rampart 1 had extended across along its north face and merged with similar, but less stony material (9009) to the north.

Figure 6: Revetment 9060 near the base of the north face of Rampart 1, with possible palisade or pit above it

Figure 7: W-facing section showing revetment 9060 near the base of the north face of Rampart 1, with possible palisade or pit above it

At some point after the earthen core of Rampart 1 was established the southern end was deeply cut into [9082]. It is unclear how much of the original rampart was destroyed or removed, but the cut was curving and over 0.5m deep.

In the south end of Rampart 1, directly above the bedrock, was a small area of charcoal and orange ash (0.3m long by 0.3m wide and 0.07m thick) (9078) (see Figure 8) and it is unclear which phase this material relates to at this point. The first layer which part of the second phase of Rampart 1 is a mottled grey diffuse silty clay (9079). Above this was another mixed reddish orange clay with occasional stone (9064). This layer was only visible to the north of a stone setting [9048], characterised by a rough stack of subangular stones of varying sizes standing up to 1m high. A similar stacked stone setting [9065] was angled, following the line the cut [9082] (most apparent on the W-facing section (see Figure 9). The stones of this setting varied in size from 0.2m up to 0.6m in maximum dimension and appeared to be set into the earthen core of the first phase of this rampart.

Figure 8: Spread of charcoal and ash at base of Rampart 1 9078 and close up

Figure 9: W-facing section of Rampart 1 with stone setting [9065] to the left and setting [9048] to the right

At the southernmost end of Rampart 1 was a homogenous and fine dark brown silty clay (9030). Above this was a mixed deposit of reddish brown silty clay (9036), which contained

moderate angular stone, occasional unarticulated animal teeth (SFs 9075, 9077, 9086, 9090, 9091 & 9095), a few pieces of burnt bone, a small iron disc (SFs 9085 & 9089) and a lens of charcoal material (9067). Both this layer and the fine silty clay 9030 provided the base for a line of roughly quarried stone [9007], the inner stone facing to Rampart 1 (see Figure 10). The stones of this facing which were exposed measured approximately 0.7m long by 0.4m wide by 0.4m thick. Packed behind this stone facing, perhaps incorporating some collapsed material, was a deposit of silt with frequent angular stones (9011). Extending to the north the mixed clay deposit 9036 also provided support to the stone setting [9048]. Further north, in between the two stacks of stones [9048] and [9065] was a similar mixed dark brown silt deposit with frequent angular stone and charcoal lenses (9049). At the base of this layer (at the interface with 9064 below), a small iron axehead (SF 9076) was found (see Figure 11).

Figure 10: Inner stone facing of Rampart 1 (9007)

Figure 11: Location of iron axehead SF 9076 in Rampart 1 & close up

Cut into the lower rampart deposit (9036) and utilising the north side of the stone setting [9048] was a possible posthole or pit [9083] measuring 0.6m wide and 0.7m in depth. This possible posthole was filled with dark silty clay (9037).

At the summit of Rampart 1, above the stones [9065] was a deposit of mixed angular stones (9018). To the south of this was a layer of mid brown silt (9012) containing less stone than (9018) and similar to the topsoil (9000). Both of these layers are likely to have been disturbed rampart deposits. Some collapse from the rampart is visible in a spread of reddish brown silt with inclusions of angular stone (9006) located to the south of the stone facing [9007].

Inside Rampart 1: Hollow way (not illustrated)

To the south of Rampart 1 was a shallow hollow way. This hollow way was utilised as part of the entranceway, leading from the entrance on the northwest side of the hillfort into the interior (this can be seen in the topographic survey Figure 12). The south end of the hollow way was defined by natural bedrock (9029), which was uncovered less than 0.2m below the topsoil as it sloped up towards in the south. At the base of the hollow was a natural glacial till (9075, 9073). Above this glacial till was a mottled orange and dark brown layer (9043 & 9076), which may have been turf or an old ground surface. Cut into the turf/old ground surface (9043), near the centre of the hollow, were traces of two parallel narrow grooves spaced 1m apart (each measured approximately 0.2m wide and 0.2m deep). These were only visible at the west side of the trench and taper out to the east, with the northern one most visible (*see Figure 16*).

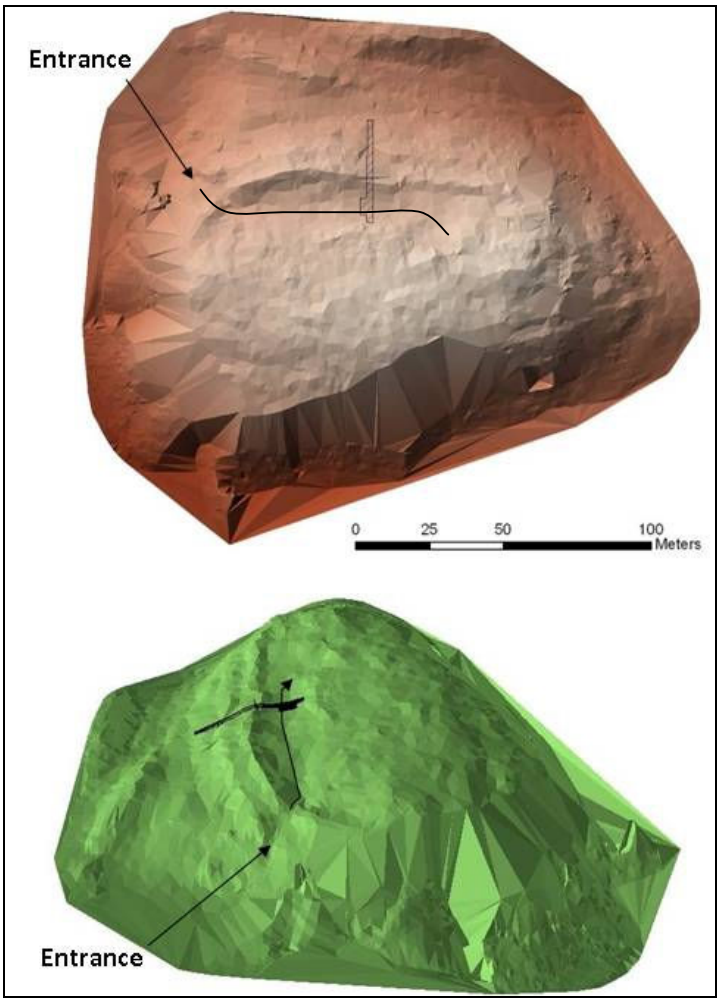

Figure 12: Plan view and eastwards looking view of topographic survey, with hollow way and entrance marked

At the intersection between the bedrock and the old ground surface (9043 & 9076) was a compact low and narrow bank (about 0.4m wide) composed of small angular stones (9074). This bank formed the foundation for a rough and undulating alignment of large boulders [9021], measuring up to 0.5m wide and set along the south side of the hollow way. The boulders varied in size from 0.5m to 0.2m in width. Abutting and extending north of the line of boulders [9021], overlying the old ground surface (9043), was a compacted layer composed of frequent small pebbles and stones (9042). Stretching across most of the width of the trench, this layer petered out towards the north and west, measuring approximately 3m wide. Approximately 2m to the north was a narrow paved surface set within the old ground surface (9043 & 9076). The paving was composed largely of flat subangular stones that varied in size, from 0.5m to 0.2m wide, with a reddish brown silty clay matrix (9071). Measuring on average 1.0m wide, the paving was aligned in a NW to SE direction, roughly parallel to the grooves cut into the old ground surface to the south.

Figure 13: Compacted stone 9074 under wall 9021

Figure 14: Line of stones or 'wall' 9021 from the west

Figure 15: Wall 9021 with pebble surface 9043 and paving 9044 from the south

Figure 16: Paving (9044) set within old ground surface with groove visible to the left

To the north of the paved surface, above the old ground surface (9076) was a thin (0.05m) clay spread (9005), measuring 2m wide. Above this and towards the inner face of Rampart 1 was a dark reddish brown deposit with patches of possible ash (9031), measuring 2.6m wide and 0.2m in maximum depth. Medium angular stone collapsed from Rampart 1 (9006) was deposited above this layer.

In the hollow way, above the pebble surface 9042 was a spread of large boulders (9016), with individual stones measuring up to 0.5m in dimension, one of which had three cup-

marks pecked on its surface (SF9019 - see Figure 18). These boulders were concentrated more towards the western part of the trench and initially thought they have been the remains of a structure. An extension (2m by 5m) was excavated to the west in order to explore this possible feature; however, no clear edges were deciphered within the rubble. Above this were further spreads of rubble composed of small angular stones within silt matrices (9004, 9003 and 9002). These deposits appeared to have spread down from the interior into the hollow and contained a variety of coarse stone tools (see Figure 19), such as two cobble mortars (SF9014 & 9093), a rounded disk with a perforated hole (SF 9071), circular disks or pot lids (SFs 9041 & 9055), a canal coal disk (SF 9037), possible hammerstones and other worked stones (SFs 9022, 9016, 9038, 9042,9053 & 9060), as well as a few bone fragments (SFs 9040, 9054 & 9096)

Figure 17: Spread of large boulders 9016 in hollow way

Figure 18: Cup stone rock (SF 9019) found within rubble 9016

Stone with perforation SF 9071

Cobble mortar SF9014

Stone lid SF 9041

Canal coal disk SF 9037

Figure 19: Collection of some of the stone small finds found amongst the rubble within the hollow way

Topsoil

Extending across the entire trench was a rooty silt topsoil (9000/9001), on average 0.05m thick. The topsoil contained glass (SFs 9002, 9004, 9005 & 9008), modern glazed pottery and tile (SFs 9010, 9011 & 9013), metal wire (SF 9033) and some possible worked stone (SF 9001, 9007 & 9034)

Trench 2

A small 2m by 2m test pit was excavated within the interior of the fort towards the west end (see Figure 2). The underlying bedrock (9052) sloped towards the west and was entirely exposed less than 0.3m below the ground surface. Above this was a dark brown silt (9051) with occasional fragments of degraded bedrock. Although it was deeper towards the west end, it measured on average 0.17m deep. The topsoil was a mid brown silt (9050).

Figure 20: Test pit 2, top of bedrock

Trench 3

A second 2m by 2m test pit was excavated further east in the interior, near to where the hollow way slopes up into the centre (see Figure 2). At the base of this test pit bedrock (9063) was reached between 0.5m and 0.7m below the surface. There was a rough circular hollow in the bedrock (1.5m in diameter). At the edges of this hollow the bedrock had degraded noticeably (9062). Above this, and filling the hollow was a deposit of dark silt with frequent angular stone and occasional quartz pebbles (9055), measuring about 0.2m deep. This deposit contained a few possible coarse stone tools (SFs 9059, 9061 & 9062). Above this, towards the east side was a thin layer, similar to 9055, but with distinctly less stones (9056). An orange brown silt with very occasional charcoal flecks (9054), 0.08m thick, lay above this. A mid brown silt topsoil (9053) sealed the trench.

Figure 21: Test pit 3, top of 9055 and 9056 with 9054 removed

Figure 22: Test pit 3, top of bedrock

Discussion

Ramparts

Rampart 3, the furthest from the interior, appeared to have been the most denuded only surviving as a low mound. The whole extent of this rampart was not exposed in the trench; however, the layers that were visible were predominantly composed of earth with medium-sized stones near the summit. While most of the earthen material may have washed downhill, some material appeared to have collapsed into the shallow ditch [9059] to the south. This shallow ditch cut may have provided some of the material for Rampart 2 or 3, but it appears that the bedrock lay very close to the surface when the ramparts were constructed and therefore it is likely that subsoil was not the only source material. Within the ditch [9059] the natural underlying slope of the bedrock was utilised to emphasis the steepness of Rampart 2. Evidence for chipping away at the bedrock here also suggests the builders attempted to create a smoother surface, one that would be more difficult to scale.

Rampart 2 did not form a characteristic mound or bank, with a ditch on either side. Instead this rampart has a steep slope on the north side, but on the south side it was fairly level. The core of this rampart was largely composed of earth and medium-sized stone, at least on its north side. It may be that the quantity of stones within this material made it stable enough to remain in position without support. Alternatively, the stony material (9025) identified near the base of the north face of this rampart may represent the traces of a compacted stone revetment, which had been disturbed by later erosion and collapse. At the summit, or just above the break of slope, of this rampart were several substantial boulders, too big to remove from the narrow trench. These boulders appeared to have been purposefully placed and may have been used as support for a pit feature [9081], measuring 0.6m wide and set directing behind the boulders. In plan the extent of this feature was not evident and may have been obscured by rubble from the rampart (9024). The function of this pit is uncertain but may have held timbers. To the south of Rampart 2 the bedrock was near the ground surface and instead of cutting a ditch in the bedrock, a line of timbers here could have created an alternative substantial obstacle.

Rampart 1, the innermost rampart, was the most complex of the three, showing signs of at least two phases of construction. The first phase of this rampart appears to be composed of a mound of earth deposited on top of natural or redeposited natural (9080). The rampart would have stood over 1.2m above the bedrock At the base of the north face there was evidence for a revetment composed of medium sized stones (9060). Directly behind this revetment was a narrow cut feature that may have supported upright timbers or larger stones, which had subsequently been displaced. A spread of rubble, comprising some large stones, was recorded to the north of Rampart 1, lying against the exposed bedrock (9034). This material may have collapsed from the north face of Rampart 1, suggesting that at one point there may have been a more substantial stone element to the north face of the rampart.

After some time the southern slope of Rampart 1 was cut into and material added, creating a very broad (over 7m wide) rampart. Under the rampart, directly above the bedrock, was a spread of ash and charcoal – timber burnt *in situ* (9078). This deposit was discrete and it the relationship between these remains and the second phase of Rampart 1 was unclear. The rampart appeared to have been cut in order to secure large boulders into the depth of the already established earthen core. Large stones, on top of one another [9065] were set along the cut of the rampart. These stones along with another setting of stones [9048] less than 1m to the south were stablised within further earthen deposits (9036, 9064, 9049). The earthen material (9030 & 9036) also provided the foundation for stone facing on the southern edge of this rampart. Rough quarried stone, from nearby readily available bedrock, was used in this facing.

The second phase of Rampart 1 may have also been supported by both upright and horizontal timbers. Although possible post-holes (such as ([9083]/ 9037) were recorded in section, the detection of postholes (or horizontal timber slots) in plan had not been successful. It is possible that as timbers decayed or were removed the collapse of the surrounding stones would have obscured the identification of distinct fills in plan.

Within the earthen material of this second phase of Rampart 1 two iron objects were found, a small axehead SF 9076 and circular disk. Evidence of technology suggests that this phase of Rampart 1 was constructed in or later than the Middle Iron Age.

Hollow way

The evidence uncovered within the hollow way to the south of Rampart 1 suggests that there was at least one, perhaps more, built pathways. The flat stones, set into what appears to be the remains of a turf or old ground surface (9044), formed a clear paved surface (about 1m wide) running from northwest to southeast, along the hollow way perhaps leading to and from the entrance.

The length of this hollow way, and entrance, was also emphasised by the alignment of stones set along the south side at intersection with the exposed bedrock (9021). Although this alignment of stone was roughly built, the evidence of compacted stone underneath this feature highlights intention and design behind its construction. The pebble surface abutting this line of stones (9042) may have formed another pathway leading from the entrance, perhaps a different phase of pathway. Unfortunately in this trench there was not a clear relationship between this surface and the paving. The northern and western ends of the pebble surface diffuse and irregular, perhaps suggesting it was disturbed by later activity in this area.

A deposit of boulders (9016) above the pebble surface (9042) appeared to form a rough arc towards the west side of the trench, within the initial 2m width of the trench, andtherefore it was initially suggested that these stones may have been the rubble of a roughly built structure (which had incorporated a cup marked stone). The trench was extended to the west to explore this. Although no clear wall lines were discernible, the amount of coarse stone tools from this layer and from rubble material above this (9003 & 9004) suggests that this area may have been at least a site of activity. Alternatively, the rubble and artefacts may have fallen into the hollow way from the interior, although the pattern of rubble spread does not fully support this suggestion.

Conclusions

The excavations at the Law of Dumbuils have highlighted variable preservation of the ramparts of the fort. The ramparts were largely constructed of earth and rubble, incorporating and adapting to the undulating nature of the underlying bedrock. While the outermost and middle rampart appeared to have been built in one phase, there is evidence of at least two phases of to the innermost rampart. The second phase added to the southern, inner side of the rampart, perhaps broadening this rampart. Iron artefacts suggest that this augmentation occurred sometime in or after the Middle Iron Age. The stone elements of Rampart 1 (both phases) and Rampart 2, comprised unquarried boulders or roughly quarried bedrock –material that was readily available nearby. Positioned together in rough settings these stones were utilised more as packing than as structural features in themselves – perhaps suggesting the use of timber as well. Overall, it appears that effort was not made to dress stone, or even to cut into the underlying bedrock to create deep ditches as seen at other forts. The builders used the materials that were readily available as they were without spending time or effort modifying them.

Similar to the quality of construction noted in the ramparts, the stone recorded within the hollow way leading to and from the northwest entrance of the hillfort was also roughly built. The excavation revealed an alignment of stones set against the edge of the bedrock which followed along the hollow way; however, this line was not coursed and was more sinuous than straight. Other remains found were ephemeral or disturbed. Rubble and paved surfaces in this area suggest there was activity and occupation within the hillfort, which was further supported by a range of coarse stone tools found here, but the nature of this activity was unclear. Exploration into the interior in the form of two small test pits did not produce satisfactory results of structural remains, but the small sizes of these test pits and do not preclude the possibility that structures could be found within the interior of this fort.

Acknowledgements
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Appendices

i) Contexts

Context Number	Area	Type	Description	Interpretation
9000	1	Deposit	light brown rooty silt	topsoil
9001	1	Deposit	light brown rooty silt with moderate small angular stone on R2	mixed topsoil, same as 9000
9002	1	Deposit	dark grey brown silt	slumped from revetment or interior at south end of T1
9003	1	Deposit	mid brown silt with frequent angular stone	secondary slumped material from interior at south end of T1
9004	1	Deposit	mid dark reddish brown with occasional angular stone; north of 9003	spread on top of paved area
9005	1	Deposit	mid reddish brown clay; occasional angular stone	possible old ground surface south of R1
9006	1	Deposit	dark reddish brown silt with moderate angular stone	tumble from R1 to the south
9007	1	Structure	large angular (rough quarried) stones in alignment on south side of R1	*in situ* stone facing of R1, on top of (9030)

9008	1	Deposit	large spread of mid reddish brown silt with frequent angular stone across north face of R1	collapse from R1
9009	1	Deposit	same as 9008 with slightly less stone	collapse from R1 - continuation of 9008
9010	1	Deposit	mid orange brown sandy silt with moderate gravel and occasional small angular stone on north face of R2	collapse from R2
9011	1	Deposit	mid yellow brown silt with frequent angular stone; south facing R1	upper layer of R1 on south side
9012	1	Deposit	mid brown silt with apparent less frequent angular stone than 9011 or 9008	mix of topsoil and possible post-hole on summit of R1
9013	1	Deposit	mid reddish brown clayey silt with occasional pebbles and gravel; very few angular stone	slumping from R2 into ditch [9059]
9014	1	Deposit	mid reddish brown silt with occasional angular stone on north face R3	slumping and erosion of earthen and stone core R3
9015	1	Deposit	mid dark reddish brown clayey silt north of R3	slumping and erosion of earthen and stone core of R3
9016	1	Deposit	large frequent angular stones/boulders underlying context 9003	tumble from possible revetment structure 9021 in south end of T1 or collapse of ephemeral stone structure.
9017	1	Deposit	loose reddish grey brown silt with frequent	part of earthen core of R1
9018	1	Deposit	mid reddish brown silt with frequent medium angular stone	stone core/ packing material on summit of R1
9019	1	Deposit	dark reddish brown clayey silt with occasional charcoal fleck under 9013	upper fill of ditch, slumping from the direction of R2
9020	1	Deposit	dark gry brown smooth clayey silt with large angular stones under 9008 north of R1, some charcoal, bone and very occasional slag fragments	mix of collapsed material from R1 with possible midden (see 9034)
9021	1	Structure	linear alignment of large angular stones and rounded boulders (one course high)	rough walling along edge of entrance hollow
9022	1	Deposit	dark reddish brown clayey silt with moderate stone	fill of ditch, possible collapse from R3
9023	1	Deposit	mid reddish brown silty clay with very occasional angular stone	deposit part of summit of R2
9024	1	Deposit	dark yellowish brown silt with frequent angular stone	summit of R2, possible packing for timber palisade (9039) - partially collapsed
9025	1	Deposit	large angular stone collapse in mid reddish brown clayey silt matrix, oca charcoal and burnt bone	possible collapse of R2 with mix of midden material?

9026	1	Deposit	orangey reddish brown silty clay with moderate angular stone	possible core of R3, counterscarp to ditch
9027	1	Deposit	same as 9010 but less angular stone	transition layer between collapse 9010 and core rampart material 9068 of R2
9028	1	Deposit	mid grey yellowish brown clayey silt with occasional angular stone	earthen and stone core of R3
9029	1	Deposit	bedrock	bedrock in south end of trench, on which wall 9021 constructed
9030	1	Deposit	very dark brown silty clay	earthen base for stone facing to R1 9007, second phase
9031	1	Deposit	dark reddish brown silt with patches of black brown (ash?), occasional flat stone	small area of flat stones and possible ash immediately to the south of R1
9032	1	Deposit	mid reddish brown clayey silt	thin layer / transition between natural silt and core material from R3
9033	1	Deposit	mid reddish orange silty clay under 9019 and 9028	basal fill of ditch, colour and texture affected by decay of underlying bedrock
9034	1	Deposit	large angular stones abutting bedrock outcrop on north side of R1 in a random arrangement	possible tumble or collapse from R1, possible stone facing
9035	1	Deposit	dark brown silt with small to medium angular stone, occasional charcoal patches and bone fragments on north face of rampart 2	slump material on couth face R1 and midden material
9036	1	Deposit	mid reddish brown silty clay with frequent angular stones, bone (teeth) and iron objects	second phase of R1 material, earth and stone possibly collapsed with decay of timber element
9037	1	Deposit	very dark silty clay with occasional angular stone	possible palisade slot fill supported by surrounding stones in 9036 on the south side and 9048 on the north side
9038	1	Deposit	dark black brown clayey silt under stones 9034 with charcoal and fragments of bone	possible midden spread north of R1
9039	1	Deposit	dark greyish brown clayey silt	fill of possible palisade on summit R2
9040	1	Deposit	reddish pink silty clay	natural glacial till
9041	1	Deposit	greyish dark brown with reddish flecks silty clay, occasional charcoal flecks	thin layer / transition between midden spread and natural glacial till
9042	1	Deposit	frequent small rounded and subangular stone in a very dark brown silty clay matrix	surface, possible floor associated with wall 9012
9043	1	Deposit	mottled bright orange and very dark brown silty clay, two parallel groves in surface	possible old ground surface/turf south of paving 9044 and under pebble surface 9042
9044	1	Deposit	flat subangular and angular stones set into a slight curve	area of paving
9045	1	Fill	dark blackish brown clayey silt with small patches of charcoal	fill of possible rock hole for stone facing on N slope of R1 or fill of a palisade/ post-hole
9046	1	Cut	oval-shaped cut	cut of possible rock hole for stone facing on N slope of R1 or fill of a palisade/ post-hole

9047	1	Deposit	same as 9057	R1 earthen core
9048	1	Structure	rough angular stone, three-four courses high	possible stone packing (south side) for timber on top of R1 (see 9065)
9049	1	Deposit	mid dark brown silt with frequent angular stones	possible collapsed post or palisade packing material deposited and mixed as timber(s) decayed
9050	2	Deposit	mid brown silt	topsoil
9051	2	Deposit	dark blackish brown silt	soil accumulation above bedrock
9052	2	Deposit	bedrock	bedrock
9053	3	Deposit	mid brown silt	topsoil
9054	3	Deposit	orange brown silt with very occasional fleck of charcoal	possible old ground surface
9055	3	Deposit	dark silt with frequent stones, occasional quartz pebbles	soil accumulation/ transition above bedrock
9056	3	Deposit	mid blackish brown silt	soil accumulation/ transition above bedrock
9057	1	Deposit	mottled reddish orange and brown silt	earthen core of R1 (first phase) natural subsoil redeposited and mixed
9058	1	Deposit	bedrock, chipped and work on west side	bedrock exposed and chipped in ditch
9059	1	Cut	U-shaped with a rounded bottom, north side steeper than the north side	cut of ditch
9060	1	Deposit	flat medium and small angular and subangular set in a matrix of silty clay	possible revetment at base of R1, support for possible palisade/facing 9047
9061	1	Deposit	orangey red brown silt	earthen core of R1 (first phase) natural subsoil redeposited and mixed
9062	3	Deposit	mid orange and brown silt with frequent stone	degraded bedrock
9063	3	Deposit	bedrock	bedrock
9064	1	Deposit	mottled reddish orange brown clay with occassional stone	part of earthen base (with 9079?) of secondary phase of R1
9065	1	Structure	subangular and angular stones of varying sizes, stacked up to five courses on the E side to a height of 0.7m	possible stone packing (north side) for timber on top of R1 (see 9048)
9066	1	Deposit	thin layer (0.05m) of reddish pink clayey silt with occasional blackish brown patches	possible burnt turf or redeposited material forming base of R1
9067	1	Deposit	lens of charcoal within 9036	burnt spread in rampart of second phase, possible remains of timber (horizontal element?) of rampart (near base)
9068	1	Deposit	dark reddish brown silty clay with moderate angular and subangular stone of varying sizes	earth and stone core of R2, some possible slump from stone facing?
9069	1	Deposit	mid greyish brown clay with occasional angular stone and very occasional flecks of charcoal and bone	earth and stone core of R2
9070	1	Deposit	mid reddish orangey grey brown thin deposit	basal layer of core of R2, levelling bedrock

9071	1	Deposit	mid reddish brown silty clay	matrix surrounding paving 9044
9072	1	Structure	large boulders and rounded stones on top of R2	stone packing for palisade or post-hole on summit of R2
9073	1	Deposit	firm orangey brown silty clay	natural subsoil transition between OGS 9043 and bedrock
9074	1	Deposit	frequent small rounded and subangular stone in greyish brown matrix, sloped bank	foundation for wall 9021, levelling area to bedrock 9029
9075	1	Deposit	mottled greyish yellow brown gritty clay	degrading bedrock
9076	1	Deposit	mottled bright orange and very dark brown silty clay	possible old ground surface/turf north of paving 9044
9077	1	Deposit	reddish pink silty clay with occasional gravel	natural glacial till spread on bedrock at base of R2
9078	1	Deposit	discrete deposit of orange ash and large charcoal pieces wedged under stone packing 9048, on top of bedrock	*in situ* burning of timber at base of phase 2 of R1, possible horizontal element to rampart or initial clearance of ground to construct rampart
9079	1	Deposit	mottled greyish brown silty clay, diffuse and undulating	possible basal layer of phase 2 of R1, undulating and disturbed deposit
9080	1	Deposit	reddish pink clay	natural glacial (redeposited) above bedrock, base of phase 1 to R1
9081	1	Cut	U-shaped with a rounded bottom, 0.6m by 0.6m	possible palisade trench or pit on summit of Rampart 2
9082	1	Cut	Curved cut in profile, truncating the N side of earthen material of R1	Truncation of earthen core of R1 to build a more stone construction
9083	1	Cut	U-shaped in profile, only visible in section	Cut of possible posthole/palisade in R1 (9037)

ii) Small Finds

Find Number	Area	Context	Material	Description	No of Pieces	Easting	Northing	Height
9001	1	9001	Stone	Small sherd of agate possibly worked	1	1000.85	984.7	996.6
9002	1	9001	Glass	Dark brown fragment	1	1002.31	990.72	998.34
9003	1	9001	Bone	Small burnt fragment	1	1002.57	991.15	998.38
9004	1	9001	Glass	Green/brown neck fragment	1	1001.38	988.82	997.45
9005	1	9001	Glass	Small green sherd	1	1002.36	996.11	999.18
9006	1	9001	Daub	Orange daub/clay	1	1001.15	989.9	997.91
9007	1	9001	Stone	Hammerstone? Rubber?	1	1001.87	989.5	997.81
9008	1	9001	Glass	Small green sherd	1	1001.96	995.45	998.86
9010	1	9001	Tile	Glazed clay fragment	1	997.45	1004.6	998.95
9011	1	9001	Pottery	Small dark glazed fragment	1	998.1	1005	998.9
9012	1	9001	Bone	Very small burnt fragment	1	997.5	1007.2	998.03
9013	1	9001	Pottery	Small white glazed sherd	1	997.38	1004	999.12
9014	1	9003	Stone	Rough cobble mortar	1	998.64	989.75	999.47
9015	1	9008	Bone	Small burnt fragment	1	997.89	1003.6	999.22
9016	1	9003	Stone	Possible hammerstone? Rubber?	1	998.33	990	999.42
9017	1	9019	Bone	Small burnt fragment	1	997.54	1013.5	996.65

9018	1	9008	Bone	Small burnt fragment	1	997.08	1003.2	999.31
9019	1	9016	Stone	Large stone including cup and ring markings	1	997.98	987.85	999.64
9020	1	9005	Stone	Pounder/ Hammerstone	1	997.69	993.18	999.11
9021	1	9020	Stone	Hammerstone	1	997.57	1004.1	999.8
9022	1	9002	Stone	Possible pounder/hammerstone	1	997.84	986.92	999.76
9023	1	9019	Bone	Small burnt fragment	1	997.81	1012.8	996.66
9024	1	9012	Pottery	Small sherd, glazed with blue and white decoration	1	998.92	999.96	1000
9025	1	9012	Glass	small green fragment	1	998.22	999.72	1000.1
9026	1	9020	Bone	Large burnt fragment	1	998.28	1003.2	999.28
9027	1	9020	Bone	Small burnt fragment	1	998.48	1003.4	999.1
9028	1	9019	Bone	Small burnt fragment	2	997.52	1013.5	996.56
9029	1	9020	Slag	Small fragments	5	999.1	1004.6	998.67
9030	1	9012	Bone	Small burnt fragment	1	999.37	998.1	1000.1
9031	1	9020	Bone	Small burnt fragments	16	999.08	1004.6	998.66
9032	1	9013	Charcoal	Large fragment	1			
9033	1	9001	Metal	Wire and ring - modern	1			
9034	1	9001	Stone	Possible worked stone	1			
9035	1	9020	Bone	Small burnt fragment	1			
9036	1	9020	Stone	Possible hammerstone?	1	994.77	1010.1	998.26
9037	1	9003	Stone	Rough out for a canal coal/lignite object	1	996.9	989.08	999.44
9038	1	9003	Stone	Possible worked stone	1	996.4	990.62	999.17
9039	1	9038	Bone	Small burnt fragment	1	999	1005.4	998.19
9040	1	9003	Bone	Small burnt fragment	1	996.94	992.5	999.18
9041	1	9003	Stone	Pot lid? Circular worked stone	2	996.8	992.4	999.18
9042	1	9003	Stone	Small smooth rounded stone, rubber? Broken	1	996.8	992.4	999.18
9043	1	9025	Stone	Slate fragments	3			
9044	1	9014	Stone	Hammerstone	1	999	1018	996.27
9045	1	9014	Stone	Worked stone? Quern fragment?	1	999	1018	996.27
9046	1	9003	Stone	Small smooth pebble, gaming piece?	1	995.96	991.31	999.35
9047	1	9037	Bone	Small burnt fragments	2	998.25	1004.7	998.47
9048	1	9037	Bone	Small burnt fragment	1	998.42	1004.8	998.45
9049	1	9037	Bone and Charcoal	Small burnt fragment with charcoal	3	998.7	1005.1	998.42
9050	1	9033	Metal	Small iron rod fragment	1	998.28	1003.2	996.43
9051	1	9035	Bone	Small burnt fragment	1	997.82	1003.1	999.33
9052	1	9035	Bone	Animal teeth, horse?	1	998.11	1003.6	999.01
9053	1	9003	Stone	Worked edge?	1	995.2	990.2	999.24
9054	1	9003	Bone	Small burnt fragment, rib?	1	996.2	990.07	999.22
9055	1	9003	Stone	Pot lid? Circular worked stone	1	996.66	990	999.38
9056	1	9019	Stone	Small rounded stone pebble, Sling shot?	1			

9057	1	9030	Bone	Small burnt fragments	15	997.392	996.27	999.3
9058	1	9044	Bone	Small burnt fragment, rib?	1	998.353	991.18	999.64
9059	3	9055	Stone	Blunt stone tool/ possible hammerstone?	1	1016.86	983.37	1000.3
9060	1	9003	Stone	Rounded stone, worked?	1	996.243	989.49	999.29
9061	3	9055	Stone	Possible coarse stone tool fragment, rubber? Grinder?	1	1015.56	983.27	1000.4
9062	3	9055	Stone	Possible coarse stone tool, rubber? Grinder?	1	1016.31	983	1000.4
9063	1	9016	Bone	Small burnt fragment	1	997.301	989.61	999.27
9064	3	9055	Stone	Quartz flake?	1	1016.26	984.26	1000.2
9065	1	9064	Bone	Animal teeth	1	997.801	998.75	999.6
9066	1	9016	Stone	Pounder/ Hammerstone	1			
9067	1	9016	Bone	Small burnt fragment	1	996.461	988.86	999.34
9068	1	9024	Bone	Small burnt fragments	5	997.435	1008.8	998.19
9069	1	9016	Bone	Small burnt fragment	1	996.395	988.24	999.38
9070	1	9016	Bone	Small burnt fragment very small	1	995.858	988.12	999.41
9071	1	9002	Stone	Rounded disk with perforated hole through centre	1	996.576	986.92	999.7
9072	1	9016	Daub	Small lumps	2	996.779	987.84	999.52
9073	1	9016	Stone	Broken hammerstone	1	997.615	987.89	999.41
9074	1	9027	Clay	Pieces of broken clay	2	997.977	1010.5	997.42
9075	1	9036	Bone	Animal teeth, horse? Fragmented	many	997.936	998.24	999.62
9076	1	9049	Metal	Fe, metal object, axehead	1	997.916	998.69	999.57
9077	1	9036	Bone	Small burnt fragments and teeth enamel	many	997.579	998.29	999.56
9078	1	9036	Bone	Animal teeth, horse? Fragmented	many	997.323	998.31	999.63
9079	1	9036	Bone	Small burnt fragment	1	997.227	997.64	999.58
9080	1	9011	Stone	Small rounded stone, red and distinct	1	998.909	998.03	999.81
9081	1	9036	Bone	Small burnt fragment	1			
9082	1	9064	Bone	Small burnt fragment	1	998.056	999.28	999.48
9083	1	9036	Bone	Small burnt fragment	1	997.95	997.5	999.7
9084	1	9036	Bone	Small burnt fragment	1	998.1	997.46	999.43
9085	1	9036	Metal	Fe, circular object, horse piece? Harness?	1	997.9	997.86	999.39
9086	1	9036	Bone	Animal teeth, horse? Fragmented	many	997.37	998.07	999.47
9087	1	9036	Bone	Small burnt fragments	2	996.6	997.32	999.05
9088	1	9036	Bone	Small burnt fragment	1	995.8	997.68	999.15
9089	1	9036	Metal	Fe, part of circular object 9085	2	997.831	998.18	999.33
9090	1	9036	Bone	Animal teeth, horse? Fragmented	many	997.534	997.75	999.65
9091	1	9036	Bone	Animal teeth, horse? Fragmented	many	997.328	997.72	999.28
9092	1	9036	Bone	Small burnt fragment	1	997.485	997.83	999.23
9093	1	9004	Stone	Rough stone mortar	1	996.507	991.53	999.07
9094	1	9036	Bone	Small burnt fragment	1	997.599	997.25	999.19

9095	1	9036	Bone	Animal tooth ?horse	1	997.631	997.35	999.17
9096	1	9004	Bone	Small burnt fragment	1	995.958	992.29	999.05
9097	1	9036	Bone	Small burnt fragment	1	997.805	998.52	999.37
9098	1	9036	Bone	Small burnt fragment	1	997.58	998.38	999.2
9099	1	9036	Bone	Small burnt fragments	4	997.833	998.28	999.22
9100	1	9078	Bone	Small burnt fragments	3	997.639	998.66	999.25
9101	1	9004	Bone	Small burnt fragments found in mortar SF 9093	2	996.507	991.53	999.07
9102	1	9033	Charcoal	Stem fragment - hand collected by context	1			
9103	1	9010	Bone	Small burnt bone fragment - hand collected by context	1			
9104	1	9013	Bone	Small burnt bone fragments - hand collected by context	many			
9105	1	9020	Bone	Small burnt bone fragments - hand collected by context	11			
9106	1	9069	Bone	Small burnt bone fragments - hand collected by context	4			
9107	1	9008	Bone	Small burnt bone fragments - hand collected by context	6			

iii) Drawings

Drawing Number	Area	Type	Subject	Description	Scale	Drawn By	Date
9001	1	Plan	9008, 9009, 9010, 9011, 9013	Pre-ex plan R1-R2	1:50	SHA	05/08/2010
9002	1	Plan	9002, 9003, 9004, 9005, 9006, 9007, 90012	Pre-ex plan of D1 and south face of R1	1:50	CLG	05/08/2010
9003	1	Plan	9017, 9020	9008 removed on west side	1:50	SHA	08/08/2010
9004	1	Plan	9021, 9016, 9029	top of bedrock, wall and collapse in South end of trench 1	1:20	AOD	10/08/2010
9005	1	Plan	9005, 9007, 9031, 9030	Plan of South face of R1	1:20	AOD	10/08/2010
9006	1	Plan	9017, 9035, 9034, 9023	Plan of North face of R1 and area between R1 and R2	1:20	LCU	12/08/2010
9007	1	Plan	9034, 9018		1:20	AOD	12/08/2010
9008	1	Plan	9002, 9003	Pre-ex of extension in south of trench	1:50	TIP	13/08/2010
9009	2	Plan	9052	Test-pit in Area 2 Bedrock	1:10	NBA	13/08/2010
9010	3	Plan	9054	Test-pit, topsoil removed, 9054,9055	1:20	NBA	14/08/2010
9011	1	Plan	9016	Extension - 9003 removed	1:20	TIP	14/08/2010
9012	1	Plan	9012	South end T1 from 9012 to paving	1:20	CLG	20/08/2010
9013	3	Plan	9063	Post-ex plan of test pit,	1:20	NBA	20/08/2010

				bedrock			
9014	1	Section	9072	East facing section of North slope R2	1:10	LCU	20/08/2010
9015	1	Section	9000, 9014, 9015, 9028, 9032	East facing section of R3 (two pages)	1:10	MRI & NBA	20/08/2010
9016	1	Section	9059, 9033, 9022, 9019, 9013	East facing section of Ditch [9059] between R2 and R2	1:10	LCU	20/08/2010
9017	1	Section	9060, 9009, 9023, 9039	East facing section between R1 and R2	1:10	MRI & NBA	21/08/2010
9018	1	Section	9036, 9005, 9004, 9003, 9016,	West facing section south of R1	1:10	NBA & AOD	21/08/2010
9019	1	Section	9021, 9073-9075, 9002, 9003	West facing section south end of Trench 1, wall 9021	1:10	NBA & AOD	21/08/2010
9020	1	Plan	9068	Post-ex plan of base of R2	1:20	LME	21/08/2010
9021	1	Section	9044, 9071	East facing section of paving 9044	1:10	LME	21/08/2010
9022	1	Section	9064, 9079, 9048, 9049 9065, 9080, 9012	East facing section of R1	1:10	LCU	21/08/2010
9023	1	Plan	9044, 9071	Overlay of drawing 9012 showing paved surface in OGS and location of slot	1:20	CLG	21/08/2010
9024	1	Section	9064, 9079, 9048, 9049, 9065, 9080	West facing section of R1	1:10	TIP & CMA	21/08/2010
9025	1	Section	9057, 9061, 9066, 9060, 9046, 9045, 9035	West facing section of R1	1:10	LME	21/08/2010

iv) Samples

Sample Number	Context	BagSizeNo	Volume (L)	Reason	Taken by	Date
9001	9019	2L	20	Botanics and Carbonised Material for ID and C14	JMK	10/08/2010
9002	9020	2L	20	Botanics and Carbonised Material for ID and C14	SHA	11/08/2010
9003	783	2L		Botanics and Carbonised Material for ID and C14	JMK	11/08/2010
9004	9014	1L	10	Botanics and Carbonised Material for ID and C14	MRI	12/08/2010
9005	9013	2L	20	Botanics and Carbonised Material for ID and C14	JMK	13/08/2010
9006	9038	2L	20	Burnt bone, botanics and Carbonised Material for ID and C14	SHA	13/08/2010
9007	9017	2L	20	Burnt bone, botanics and Carbonised Material for ID and C14	SHA	13/08/2010

9008	9054	2L	20	Botanics and Carbonised Material for ID and C14	NBA	14/08/2010
9009	9033	2L	20	Botanics and Carbonised Material for ID and C14	NBA	14/08/2010
9010	9035	1L	5	Botanics and Carbonised Material for ID and C14	AOD	17/08/2010
9011	9045	1L	5	Botanics and Carbonised Material for ID and C14	AOD	17/08/2010
9012	9028	2L	20	Botanics and Carbonised Material for ID and C14	MRI	17/08/2010
9013	9033	2L	20	Botanics and Carbonised Material for ID and C14	JMK	17/08/2010
9014	9049	2L	20	Botanics and Carbonised Material for ID and C14	AOD	18/08/2010
9015	9041	2L	20	Botanics and Carbonised Material for ID and C14	TIP	18/08/2010
9016	9047	1L	10	Botanics and Carbonised Material for ID and C14	AOD	18/08/2010
9017	9057	2L	20	Botanics and Carbonised Material for ID and C14	AOD	18/08/2010
9018	9060	2L	20	Botanics and Carbonised Material for ID and C14	SHA	19/08/2010
9019	9036	2L	20	Burnt bone, botanics and Carbonised Material for ID and C14	JMK	19/08/2010
9020	9049	2L	20	Botanics and Carbonised Material for ID and C14	TIP	19/08/2010
9021	9064	1L	5	Botanics and Carbonised Material for ID and C14	TIP	19/08/2010
9022	9066	1L	10L	Botanics and Carbonised Material for ID and C14	AOD	19/08/2010
9023	9030	2L	20L	Botanics and Carbonised Material for ID and C14	AOD	19/08/2010
9024	9069	2L	20	Burnt bone, botanics and Carbonised Material for ID and C14	LCU	19/08/2010
9025	9068	2L	20	Botanics and Carbonised Material for ID and C14	LCU	19/08/2010
9026	9070	1L	10	Botanics and Carbonised Material for ID and C14	LCU	19/08/2010
9027	9071	1L	2	Botanics and Carbonised Material for ID and C14	AMK	20/08/2010
9028	9043	2L	20	Botanics and Carbonised Material for ID and C14	AMK	20/08/2010
9029	9039	1L	5	Botanics and Carbonised Material for ID and C14	TIP	20/08/2010
9030	9039	1L	10	Botanics and Carbonised Material for ID and C14	NBA	20/08/2010
9031	9042	2L	20	Botanics and Carbonised Material for ID and C14	AMK	20/08/2010
9032	9073	1L	7	Botanics and Carbonised Material for ID and C14	AMK	20/08/2010

9033	9042	1L	3	Botanics and Carbonised Material for ID and C14	AMK	20/08/2010
9034	9078	2L	20	Botanics and Carbonised Material for ID and C14	JMK	21/08/2010
9035	9078	1L	10	Botanics and Carbonised Material for ID and C14	JMK	21/08/2010
9036	9074	1L	10	Botanics and Carbonised Material for ID and C14	LCU	21/08/2010
9037	9079	1L	10	Botanics and Carbonised Material for ID and C14	LCU	21/08/2010
9038	9023	2L	20	Botanics and Carbonised Material for ID and C14	NBA	21/08/2010

v) Digital Photos

Film	Frame	Area	Subject	Description	Direction	Taken By	Date
001	1	1	9008	pre-ex North face of R1	North	SHA	04/08/2010
001	2	1	9008, 9009	pre-ex R1 to R2; south looking north	South	SHA	04/08/2010
001	3	1	9008, 9009	pre-ex R1 to R2; south looking north	South	SHA	04/08/2010
001	4	1	9014, 9015	pre-ex north facing view of R3	North	TIP	04/08/2010
001	5	1		working shot of deturfinf trench 1	Southeast	TIP	03/08/2010
001	6	1		working shot of deturfing trench 1	Southeast	TIP	03/08/2010
001	7	1		working shot of deturfing trench 1	Southeast	TIP	03/08/2010
001	8	1	9013	pre-ex north facing shot of D1	North	CLG	05/08/2010
001	9	1	9013	pre-ex north facing shot of D1	North	CLG	05/08/2010
001	10	1	9013, 9010	pre-ex south facing R1 and D1	South	CLG	05/08/2010
001	11	1	9014, 9010, 9013	pre-ex north face of R2 and R3	North	SHA	05/08/2010
001	12	1	9014, 9010, 9013	pre-ex north face of R2 and R3	North	SHA	05/08/2010
001	13	1	9014, 9015	pre-ex north facing view of R3	South	SHA	05/08/2010
001	14	1	9014, 9013	pre-ex south face shot of Ditch and R3	South	TIP	05/08/2010
001	15	1	9008, 9035, 9020	working shot of removal of context 9008	North	SHA	07/08/2010
001	16	1	9008, 9035, 9020	working shot of removal of context 9008	North	SHA	07/08/2010
001	17	1	9008, 9035, 9020	working shot of removal of context 9008	South	SHA	07/08/2010
001	18	1	9007	facing stones of rampart 1	North	TIP	07/08/2010
001	19	1	9007	facing stones of rampart 1	North	TIP	07/08/2010
001	20	1	9005, 9006, 9031, 9007	S of R1 with collapse of material 9006 part removal	South	TIP	07/08/2010
001	21	1	9005, 9006, 9031, 9007	S of R1 with collapse of material 9006 part removal	South	TIP	07/08/2010
001	22	1	9005, 9006, 9031, 9007	S of R1 with collapse of material 9006 part removal	North	TIP	07/08/2010
001	23	1	9005, 9006, 9031, 9007	S of R1 with collapse of material 9006 part removal	North	TIP	07/08/2010
001	24	1	9002	pre-ex shot of north facing slope, possible revetment	North	CLG	07/08/2010
001	25	1	9014	top of 9014 with 9015 removed	North	MRI	07/08/2010
001	26	1	9014	top of 9014 including 9015 removed	South	MRI	07/08/2010

001	27	1	9020, 9017	working shot of 9017 and 9020, N face of R1	North	SHA	07/08/2010
002	1	1	9020, 9017	working shot of 9017 and 9020, N face of R1	North	SHA	07/08/2010
002	2	1	9002	Working shot of 9002 mid ex	North	AOD	07/08/2010
002	3	1	9016	NW shot of cup marked stone 9019	Northwest	AOD	07/08/2010
002	4	1	9016	N shot of cup marked stone 9019	North	AOD	07/08/2010
002	5	1	9016	Close up shot of cup marking on stone 9019	North	AOD	07/08/2010
002	6	1	9019	Top of 9019 with 9013 removed	North	LCU	07/08/2010
002	7	1	9019	Top of 9019 with 9013 removed	South	LCU	07/08/2010
002	8	1	9016	Working shot of 9016 context and cup marked stone 9019	East	AOD	07/08/2010
002	9	1	9016	Working shot of 9016 context and cup marked stone 9019	North	AOD	07/08/2010
002	10	1	9016	Working shot of 9016Working shot Working shot of 9016 context and cup marked stone 9019	North	AOD	07/08/2010
002	11	1	9003	Shot of Mortar		AOD	07/08/2010
002	12	1		Lunch time shot of gazebo and team	South	TIP	07/08/2010
002	13	1		Lunch time shot of gazebo and team	South	TIP	07/08/2010
002	14	1	9002	Working shot of S end of trench 9002, 9016, 9004, 9005, 9007	Northeast	TIP	07/08/2010
002	15	1	9002	Working shot of S end of trench 9002, 9016, 9004, 9005, 9007	South	TIP	07/08/2010
002	16	1	9003	Shot of Mortar		TIP	07/08/2010
002	17	1		View of Law of Dumbuils	Northwest	TIP	07/08/2010
002	19	1		working shot of excavation south of trench	south	TIP	08/08/2010
002	20	1		working shot of excavation south of trench	south	TIP	08/08/2010
002	21	1	9021, 9029	working shot of south of trench	South	TIP	08/08/2010
002	22	1	9021, 9029	working shot of south of trench	South	TIP	08/08/2010
002	24	1		working shot of S end of trench	Southeast	TIP	07/08/2010
002	25	1	9002	working shot of S end of trench	Southeast	TIP	07/08/2010
002	26	1	9002	working shot of S end of trench	Southeast	TIP	07/08/2010
002	27	1	9002	working shot of S end of trench	Southeast	TIP	07/08/2010
002	28	1	9002, 9003, 9004	working shot of S end of trench	Northeast	TIP	07/08/2010
002	29	1		working shot of N face of R1	Northeast	TIP	07/08/2010
002	30	1		working shot of area between R1 and R2	East	TIP	07/08/2010
002	31	1		working shot of R2	Southeast	TIP	07/08/2010
002	32	1		working shot of R3	Southeast	TIP	07/08/2010
002	33	1		working shot of R3	Northeast	TIP	07/08/2010
002	34	1		working shot of trench in relation to surrounding ramparts	West	TIP	07/08/2010
002	35	1		View of trench from neighbouring knoll	Northwest	TIP	07/08/2010
002	36	1		Castle Law climb		AOD	08/08/2010
003	1	1		View from Castle Law Forgandenny	Southwest	AOD	08/08/2010
003	2	1		View from Castle Law Forgandenny	East	AOD	08/08/2010
003	3	1		View from Castle Law Forgandenny	East	AOD	08/08/2010

003	4	1		View from Castle Law Forgandenny	East	AOD	08/08/2010
003	5	1		sitting on ramparts of castle law	Northeast	TIP	08/08/2010
003	6	1		view of law of dumbuils in landscape from Castle Law	South	TIP	08/08/2010
003	7	1		view of law of dumbuils in landscape from Castle Law	South	TIP	08/08/2010
003	8	1	9029	view of bedrock 9029 & poss revetment at South end of Area 1	North	AOD	10/08/2010
003	9	1	9029	view of bedrock 9029 & poss revetment at South end of Area 1	South	AOD	10/08/2010
003	10	1	9016	top of rubble 9016	North	AOD	10/08/2010
003	11	1	9016	top of rubble 9016	North	AOD	10/08/2010
003	12	1	9020	working shot of 9020 - mid excavation	North	TIP	10/08/2010
003	13	1	9020	working shot of 9020 - mid excavation	North	TIP	10/08/2010
003	14	1	9007, 9030	9006 removed showing bank and stone facing R1	south	TIP	10/08/2010
003	15	1	9007, 9030	9006 removed showing bank and stone facing R1	south	TIP	10/08/2010
003	16	1	9007, 9030	9006 removed showing bank and stone facing R1	south	TIP	10/08/2010
003	17	1	9007, 9030	9006 removed showing bank and stone facing R1	East	TIP	10/08/2010
003	18	1		working shot of topographic survey	North	TIP	10/08/2010
003	19	1	9034	working shot of large angular stones on R1	North	SHA	11/08/2010
003	20	1	9034	working shot of large angular stones on R1	North	SHA	11/08/2010
003	21	1	9016, 9003	working shot of Alex deturfing extention of 9016	North	TIP	11/08/2010
003	22	1	9016, 9003	working shot of alex deturfing extention of 9016	south	TIP	11/08/2010
003	23	1	9016, 9003	view of south end extention looking towards R1	south	TIP	11/08/2010
003	24	1	9016, 9003	view of south end extention and 9016	south	TIP	11/08/2010
003	25	1	9036	angular stone South face R1. Possible rampart packing	North	AOD	12/08/2010
003	26	1	9036	angular stone South face R1. Possible rampart packing	North	AOD	12/08/2010
003	27	1	9036	angular stone South face R1. Possible rampart packing	East	AOD	12/08/2010
003	28	1	9001	working shot of cleaning SW end Area 1	Southeast	TIP	12/08/2010
003	29	1	9001	working shot of cleaning SW end Area 1	North	TIP	12/08/2010
004	1	1		Shot of amended gazeebo at lunch during heavy rain	North	TIP	12/08/2010
004	2	1	9001	top of 9001 at extended south area T1	North	TIP	12/08/2020
004	3	1	9001	top of 9001 at extended south area T1	North	TIP	12/08/2010
004	4	1	9001	top of 9001 at extended south area	South	TIP	12/08/2010

				T1			
004	5	1	9001	top of 9001 at extended south area T1	South	TIP	12/08/2010
004	6	2	9052	Bedrock in testpit 2	West	NBA	12/08/2010
004	7	2	9052	Bedrock in testpit 2	South	NBA	12/08/2010
004	8			General excavation shots - extension	Northeast	TIP	13/08/2010
004	9			General excavation shots - view North from R1	South	TIP	13/08/2010
004	10			View of topographic surveyor	East	TIP	13/08/2010
004	11	2	9052	Bedrock in testpit 2	West	NBA	12/08/2010
004	12	1	9020, 9034	working shot of area between R1 and R2	North	TIP	14/08/2010
004	13			General shots of ramparts and trench	Southeast	TIP	14/08/2010
004	14			General shots of ramparts and trench	Southeast	TIP	14/08/2010
004	15			View of topographic surveyor	South	TIP	14/08/2010
004	16			General view of ramparts and trench	East	TIP	14/08/2010
004	17			Jeremy talking to Jennifer in trench	East	TIP	14/08/2010
004	18			Jeremy talking to Jennifer in trench	East	TIP	14/08/2010
004	19	1		Colette cleaning extension	Southwest	TIP	14/08/2010
004	20	1	9022	Top of 9022 in Ditch, some of deposit 9033 showing as well	North	TIP	14/08/2010
004	21	1	9022	Top of 9022 in Ditch, some of deposit 9033 showing as well	South	TIP	14/08/2010
004	22	1	9022	Top of 9022 in Ditch, some of deposit 9033 showing as well	East	TIP	14/08/2010
004	23	3		Test-pit 3 after removal of topsoil	North	NBA	14/08/2010
004	24	3		Test-pit 3 after removal of topsoil	East	NBA	14/08/2010
004	25	3	9054, 9055	Orangey brown soil, stones and darker material in test pit	North	NBA	14/08/2010
004	26	3	9054, 9055	Orangey brown soil, stones and darker material in test pit	East	NBA	14/08/2010
004	27			Canal coal/lignite object SF 9037		TIP	14/08/2010
004	28			Canal coal/lignite object SF 9037		TIP	14/08/2010
004	29			Colette showing her find to Lorraine and Jennifer		TIP	14/08/2010
004	30	1	9016	9003 removed in extension, showing extent of rubble 9016	North	TIP	14/08/2010
005	1	1	9016	9003 removed in extension, showing extent of rubble 9016	South	TIP	14/08/2010
005	2	1	9016	9003 removed in extension, showing extent of rubble 9016	South	TIP	14/08/2010
005	3	1	9016	9003 removed in extension, showing extent of rubble 9016	East	TIP	14/08/2010
005	4	1	9016	9003 removed in extension, showing extent of rubble 9016	West	TIP	14/08/2010
005	5	1	9016	9003 removed in extension, showing extent of rubble 9016	West	TIP	14/08/2010
005	6	1	9016	9003 removed in extension, showing extent of rubble 9016	West	TIP	14/08/2010
005	7	3		Working shot of Natalia with test pit 3	West	TIP	14/08/2010
005	8	3		working shot of N face of R2 and ditch	North	TIP	14/08/2010

005	9	1	9044	first view of possible paving stones	Southeast	TIP	14/08/2010
005	10			Potlid from 9003		TIP	14/08/2010
005	11	1	9045, 9046, 9047	View of possible stone hole or palisade near base of R1	North	AOD	16/08/2010
005	12	1	9045, 9046, 9047	View of possible stone hole or palisade near base of R1	North	AOD	16/08/2010
005	13	1	9045, 9046, 9047	View of possible stone hole or palisade near base of R1	North	AOD	16/08/2010
005	14	1	9045, 9046, 9047	View of possible stone hole or palisade near base of R1	North	AOD	16/08/2010
005	15	1	9045-9047, 9017, 9057	Wider view of possible stone hole or palisade near base of R1	North	AOD	16/08/2010
005	16	1	9045-9047, 9017, 9057	Wider view of possible stone hole or palisade near base of R1	North	AOD	16/08/2010
005	17	1		Animal teeth in 9035 in base of R1		AOD	16/08/2010
005	18	3	9055, 9056	After removal of 9054 with new silt layer 9056	North	NBA	17/08/2010
005	19	1		Working shot of Tessa excavating	North	AOD	17/08/2010
005	20	1	9033	Reddish clay at base of Ditch	North	JMK	17/08/2010
005	21	1	9019, 9013, 9022	East-facing seciotn of Ditch	East	JMK	17/08/2010
005	22	1	9033	Reddish clay at base of Ditch	South	JMK	17/08/2010
005	23	1	9019, 9013, 9022	West-facing seciotn of Ditch	West	JMK	17/08/2010
005	24	1	9048, 9049, 9065	Possible post-hole/ stone setting in Rampart 1, working shot	South	AOD	17/08/2010
005	25	1	9048, 9049, 9065	Possible post-hole/ stone setting in Rampart 1, working shot	South	AOD	17/08/2010
005	26	1	9048, 9049, 9065	Possible post-hole/ stone setting in Rampart 1, working shot	East	AOD	18/08/2010
005	27	1	9048, 9049, 9065	Possible post-hole/ stone setting in Rampart 1, working shot	South	AOD	18/08/2010
005	28	1	9048, 9049, 9065	Possible post-hole/ stone setting in Rampart 1, working shot	South	AOD	18/08/2010
005	29	1	9048, 9049, 9065	Possible post-hole/ stone setting in Rampart 1, working shot - East facing section	East	AOD	18/08/2010
005	30	1	9040 and bedrock	N of R1 - natural?	North	TIP	18/08/2010
005	31	1	9040 and bedrock	N of R1 - natural?	West	TIP	18/08/2010
005	32	1	9040 and bedrock	N of R1 - natural?	South	TIP	18/08/2010
005	33	1	9024	Rubble on summit of R2	East	TIP	18/08/2010
005	34	1	9024, 9039	Rubble on summit of R2 & possible posthole/palisade	East	TIP	18/08/2010
005	35	1	9039	Rubble on summit of R2 & possible posthole/palisade	North	TIP	18/08/2010
005	36	1	9032, 9026	N face of R3 with stony layers removed	North	MRI	18/08/2010
005	37	1	9032, 9026	N face of R3 with stony layers removed	South	MRI	18/08/2010

005	38	1	9019, 9022, 9033	E-facing section of Ditch	East	TIP	18/08/2010
006	1	1	9019, 9022, 9033	W-facing section of Ditch	West	TIP	18/08/2010
006	2	1	9059, 9058	Plan view of Ditch cut	North	TIP	18/08/2010
006	3	1	9059, 9058	Plan view of Ditch cut	South	TIP	18/08/2010
006	4	1	9059, 9058	Plan view of Ditch cut	South	TIP	18/08/2010
006	5	1	9047, 9046, 9045	View of charcoal from possible posthole/palisade	North	AOD	18/08/2010
006	6	1	9047, 9046, 9045	View of charcoal from possible posthole/palisade	North	AOD	18/08/2010
006	7	1	9060, 9047, 9057	Working shot of N face of R1, showing packing stones and possible palisade	North	AOD	18/08/2010
006	8	1	9060	working shot of packing stones at base of R1	North	AOD	18/08/2010
006	9	1	9057, 9060	Working shot of N face of R1, showing packing stones and possible palisade	North	SHA	18/08/2010
006	10	1	9026	Deposit on top of R3	East	MRI	18/08/2010
006	11	1	9026	Deposit on top of R3	West	MRI	18/08/2010
006	12	3	9055, 9062, 9063	Lower stones 9055, mottled deposit 9062 and bedrock 9063	S	NBA	19/08/2010
006	13	1	9008, 9017, 9061, 9057, 9066	E-facing section of R1	East	SHA	19/08/2010
006	14	1	9008, 9017, 9061, 9057, 9066	E-facing section of R1	East	SHA	19/08/2010
006	15	1	9008, 9017, 9061, 9057, 9066	E-facing section of R1	East	SHA	19/08/2010
006	16	1	9057, 9060	E-facing section of R1, lower slope	East	SHA	19/08/2010
006	17	1	9057, 9060	E-facing section of R1, lower slope	East	SHA	19/08/2010
006	18	1	9020, 9034	E-facing section of collapse at N base of R1	East	SHA	19/08/2010
006	19	1		General view from entrance of fort towards Sma' Glen in the distance	Southeast	TIP	19/08/2010
006	20	1		Working shot of excavation in south end of trench	Southeast	TIP	19/08/2010
006	21	1		Working shot through R1	South	TIP	19/08/2010
006	22	1		Working shot through R1	South	TIP	19/08/2010
006	23	1		Working shot through R1	South	TIP	19/08/2010
006	24	1		Working shot through R1	South	TIP	19/08/2010
006	25	1	SF9075	N-facing shot of large animal teeth in R1 (close up)	North	TIP	19/08/2010
006	26	1	SF9075	N-facing shot of large animal teeth in R1 (close up)	North	TIP	19/08/2010
006	27	1	SF9075	N-facing shot of large animal teeth in R1 (wider context)	North	TIP	19/08/2010
006	28	1	SF9076	S-facing shot of axehead in R1 (close up)	South	TIP	19/08/2010
006	29	1	SF9076	S-facing shot of axehead in R1 (close up)	South	TIP	19/08/2010

006	30	1	SF9076	Shot of axehead in R1 (wider context)	East	TIP	19/08/2010
007	1	1	9044, 9043	Top of paving in set in possible turf/OGS	West	CLG	19/08/2010
007	2	1	9043	Top of turf in south end of trench	West	CLG	19/08/2010
007	3	1	9042	Top of small rounded stone surface next to wall	West	CLG	19/08/2010
007	4	1	9042	Top of small rounded stone surface next to wall 9021	West	CLG	19/08/2010
007	5	1	9021, 9042	Wall in south end of trench and pebble surface	West	CLG	19/08/2010
007	6	1	9021, 9042, 9043, 9044	Wall, pebble surface, turf and paving in S end of trench	South	CLG	19/08/2010
007	7	1	9021, 9042, 9043, 9044	Wall, pebble surface, turf and paving in S end of trench	South	CLG	19/08/2010
007	8	1	9021, 9042	Wall in south end of trench and pebble surface	East	CLG	19/08/2010
007	9	1	9042	Top of small rounded stone surface next to wall 9021	East	CLG	19/08/2010
007	10	1	9043	Top of turf in south end of trench	East	CLG	19/08/2010
007	11	1	9044, 9043	Top of paving in set in possible turf/OGS	East	CLG	19/08/2010
007	12	1	9064	Area of charcoal burning and iron object SF9075	East	TIP	19/08/2010
007	13	1		Working shot of section drawing R1		TIP	19/08/2010
007	14	1		Working shot of section drawing R1		TIP	19/08/2010
007	15	1		Working shot of section drawing R1		TIP	19/08/2010
007	16	1	SF9071	Stone with perforated hole in centre SF9071, found in 9003		TIP	19/08/2010
007	17	1	SF9071	Stone with perforated hole in centre SF9071, found in 9003		TIP	19/08/2010
007	18	1	SF9071	Stone with perforated hole in centre SF9071, found in 9003		TIP	19/08/2010
007	19	3	9063	bedrock in testpit 3	North	NBA	19/08/2010
007	20	3	9063	bedrock in testpit 3	West	NBA	19/08/2010
007	21	1	9067, 9030	Charcoal spread/lense in R1 foundation 9030	South	AOD	19/08/2010
007	22	1	9067, 9030	Charcoal spread/lense in R1 foundation 9030	South	AOD	19/08/2010
007	23	1	9000, 9008, 9020, 9034	E-facing section of area between R1 and R2	East	AOD	20/08/2010
007	24	1	9000, 9008, 9020, 9034	E-facing section of area between R1 and R2	East	AOD	20/08/2010
007	25	1	9000, 9008, 9020, 9034	E-facing section of area between R1 and R2	East	AOD	20/08/2010
007	26	1	SF9085	Circular iron object found in R1		TIP	20/08/2010
007	27	1	SF9085	Circular iron object found in R1		TIP	20/08/2010
007	28	1	SF9085	Circular iron object found in R1		TIP	20/08/2010
007	29	1	9040, 9061	Plan view of N-facing slope of R1, natural?	North	AOD	20/08/2010
007	30	1	9040, 9061	Plan view of N-facing slope of R1, natural?	North	AOD	20/08/2010
007	31	1	9000, 9014, 9028, 9032	E-facing section of R3 (summit)	East	MRI	20/08/2010

007	32	1	9000, 9014, 9028, 9032	E-facing section of R3	East	MRI	20/08/2010
007	33	1	9000, 9014, 9015, 9032	E-facing section of R3	East	MRI	20/08/2010
007	34	1	9000, 9014, 9015, 9032	E-facing section of R3	East	MRI	20/08/2010
007	35	1	9032	Plan view of N-facing slope of R3, natural?	North	MRI	20/08/2010
007	36	1	9000, 9014, 9015, 9028, 9032	W-facing section of R3	West	MRI	20/08/2010
008	1	1	Bedrock, 9072	Bedrock and large boulders R2	North	AOD	20/08/2010
008	2	1	Bedrock, 9072	Bedrock and large boulders R2	North	AOD	20/08/2010
008	3	1	9072, 9081	Top of large boulders near summit of R2 and possible palisade 9081/9039	East	TIP	20/08/2010
008	4	1	9072, 9081	Top of large boulders near summit of R2 and possible palisade 9081/9039	East	TIP	20/08/2010
008	5	1	9072, 9081	Top of large boulders near summit of R2 and possible palisade 9081/9039	East	TIP	20/08/2010
008	6	1	9036, 9030	Working shot of S-face of R1	South	TIP	20/08/2010
008	7	1	9036, 9030	Working shot of S-face of R1	South	TIP	20/08/2010
008	8	1	9023, 9072, 9081, 9039	E-facing section of large boulders R2	East	LCU	20/08/2010
008	9	1	9023, 9072, 9081, 9039	E-facing section of large boulders R2	East	LCU	20/08/2010
008	10	1	9068, 9069, 9010	E-facing section of N face of R2	East	LCU	20/08/2010
008	11	1	9068, 9069, 9010, 9025, 9077	E-facing section of base of R2	East	LCU	20/08/2010
008	12	1	9073, 9021, 9074	Compacted material under wall 9021	North	TIP	20/08/2010
008	13	1	9073, 9021, 9074	Compacted material under wall 9021	North	TIP	20/08/2010
008	14	1	9073, 9021, 9074	Compacted material under wall 9021	North	TIP	20/08/2010
008	15	1		Working shot - mattock		TIP	20/08/2010
008	16	1		Colette excavating paving 9044	East	TIP	20/08/2010
008	17	1	9073	Compacted material under wall 9021	North	TIP	20/08/2010
008	18	1		Excavation through R1	South	TIP	20/08/2010
008	19	1		Excavation of R2 and Ditch	North	TIP	20/08/2010
008	20	1		Excavation of R2	North	TIP	20/08/2010
008	21	1	9074, 9073	Compacted material under wall 9021	North	TIP	21/08/2010
008	22	1	9074, 9073	Compacted material under wall 9021	North	TIP	21/08/2010
008	23	1	Bedrock	Bedrock at base of R1 on S side	South	TIP	21/08/2010
008	24	1	9078	Charcoal and ash above bedrock in R1	South	TIP	21/08/2010
008	25	1	9074, 9073	Compacted material under wall 9021	North	TIP	21/08/2010
008	26	1	9074, 9073	Compacted material under wall 9021	North	TIP	21/08/2010
008	27	1	9074, 9073	Compacted material under wall 9021	South	TIP	21/08/2010

008	28	1	9074, 9073	W-facing section of compacted material under wall 9021	West	TIP	21/08/2010
008	29	1	9078	Charcoal and ash above bedrock in R1	South	TIP	21/08/2010
008	30	1	9078	Charcoal and ash above bedrock in R1	South	TIP	21/08/2010
008	31	1	9044	Paving stones in S end of trench	East	AOD	21/08/2010
008	32	1	9044, 9043	Paving stones in S end of trench and grooves in turf/OGS	East	AOD	21/08/2010
008	33	1	9044, 9043	Paving stones in S end of trench and grooves in turf/OGS	South	AOD	21/08/2010
009	1	1	9030, 9031, 9006	W-facing section of area S of R1	West	AOD	21/08/2010
009	2	1	9030, 9031, 9006	W-facing section of area S of R1	West	AOD	21/08/2010
009	3	1	9005	W-facing section of area S of R1	West	AOD	21/08/2010
009	4	1	9044, 9071, 9004	W-facing section of area S of R1	West	AOD	21/08/2010
009	5	1	9044, 9071, 9004	W-facing section of area S of R1	West	AOD	21/08/2010
009	6	1	9003, 9042	W-facing section of S end of trench	West	AOD	21/08/2010
009	7	1	9003, 9042, 9073	W-facing section of S end of trench	West	AOD	21/08/2010
009	8	1	9003, 9042, 9073	W-facing section of S end of trench	West	AOD	21/08/2010
009	9	1	9003, 9042, 9073, 9021	W-facing section of S end of trench	West	AOD	21/08/2010
009	10	1	9003, 9042, 9073, 9021	W-facing section of S end of trench	West	AOD	21/08/2010
009	11	1	Bedrock	Bedrock at base of R1 on S side	South	TIP	21/08/2010
009	12	1	9078	Charcoal and ash above bedrock in R1	South	TIP	21/08/2010
009	13	1	Bedrock, 9080	Bedrock at base of R1, plan view	East	CMA	21/08/2010
009	14	1	Bedrock, 9080	Bedrock at base of R1, plan view	East	CMA	21/08/2010
009	15	1	9080, 9079, 9064	E-facing section of phase 2 of R1	East	TIP	21/08/2010
009	16	1	9080, 9079, 9064	E-facing section of phase 2 of R1	East	TIP	21/08/2010
009	17	1	9048, 9079, 9080	N-facing section of phase 2 of R1	East	TIP	21/08/2010
009	18	1	9048, 9079, 9080	N-facing section of phase 2 of R1	East	TIP	21/08/2010
009	19	1	9048, 9064, 9079, 9049	E-facing section of phase 2 of R1	East	TIP	21/08/2010
009	20	1	9048, 9064, 9079, 9049, 9061, 9057	E-facing section of phase 2 of R1	East	TIP	21/08/2010
009	21	1	9048, 9064, 9079, 9049, 9061, 9057	E-facing section of phase 2 of R1	East	TIP	21/08/2010

009	22	1	9037, 9036, 9011	E-facing section of phase 2 of R1, S slope	East	TIP	21/08/2010
009	23	1	9037, 9036, 9011	E-facing section of phase 2 of R1, S slope	East	TIP	21/08/2010
009	24	1	9037, 9036, 9011, 9007	E-facing section of phase 2 of R1, S slope	East	TIP	21/08/2010
009	25	1	9048, 9064, 9079, 9049, 9012	W-facing section of R1 (core) Phase 2	West	TIP	21/08/2010
009	26	1	9065, 9061, 9057, 9017	W-facing section of R1 phase 1	West	TIP	21/08/2010
009	27	1	9057, 9008, 9045, 9060	W-facing section of R1 (N face)	West	TIP	21/08/2010
009	28	1	9060, 9020	W-facing section of R1 (base of N face)	West	TIP	21/08/2010
009	29	1	9008, 9020, 9060	W-facing section of R1 (base of N face)	West	TIP	21/08/2010
009	30	1	9008	W-facing section of area between R1 and R2	West	TIP	21/08/2010
009	31	1	9036, 9011, 9030	W-facing section of S end of R1, phase 2	West	TIP	21/08/2010
009	32	1	9036, 9011, 9030, 9007	W-facing section of S end of R1, phase 2	West	TIP	21/08/2010
010	1	1	9048, 9064, 9079, 9049, 9012	W-facing section of R1 (core) Phase 2	West	TIP	21/08/2010
010	2	1	9065, 9061, 9057, 9017	W-facing section of R1 phase 1	West	TIP	21/08/2010
010	3	1	9048, 9064, 9079, 9049, 9012	W-facing section of R1 (core) Phase 2	West	TIP	21/08/2010
010	4	1	9065, 9061, 9057, 9017	W-facing section of R1 phase 1	West	TIP	21/08/2010
010	5	1	9057, 9008, 9045, 9060	W-facing section of R1 (N face)	West	TIP	21/08/2010
010	6	1	9060, 9020	W-facing section of R1 (base of N face)	West	TIP	21/08/2010
010	7	1	9008, 9020, 9060	W-facing section of R1 (base of N face)	West	TIP	21/08/2010
010	8	1	9048, 9064, 9079, 9049, 9012	W-facing section of R1 (core) Phase 2	West	TIP	21/08/2010
010	9			View of Law of Dumbuils from the E - landscape view	East	TIP	22/08/2010
010	10			View of Law of Dumbuils from the E - landscape view	East	TIP	22/08/2010
010	11			View of Law of Dumbuils from the E - landscape view	East	TIP	22/08/2010
010	12			View of Law of Dumbuils from the E - landscape view	East	TIP	22/08/2010
010	13			View of Law of Dumbuils from the E - landscape view	East	TIP	22/08/2010
010	14			View of Law of Dumbuils from the E - landscape view	East	TIP	22/08/2010

010	15			View of Law of Dumbuils from the E - landscape view	East	TIP	22/08/2010
010	16			View of Law of Dumbuils from the E - landscape view	East	TIP	22/08/2010
010	17			View of Law of Dumbuils & Castle Law from the E - landscape view	East	TIP	22/08/2010
010	18			Castle Law Forgandenny from the E	East	TIP	22/08/2010
010	19			Castle Law Forgandenny from the N	North	STD	08/08/2010
010	20			farmstead at the base of the S slope of the Law of Dumbuils	Southeast	STD	08/08/2010
010	21			View of the hills to the East of Law of Dumbuils	West	STD	08/08/2010
010	22			View of Law of Dumbuils from the E - landscape view	East	STD	08/08/2010
010	23			View of Law of Dumbuils from the E - landscape view	East	STD	08/08/2010
010	24			Moncrieffe Hill from low slope near Law of Dumbuils	Southwest	STD	08/08/2010
010	25			Moncrieffe Hill from low slope near Law of Dumbuils (close up)	Southwest	STD	08/08/2010
010	26			Towards the Tay and Moncreiffe hill from Law of Dumbuils	West	STD	08/08/2010
010	27			farmstead at the base of the S slope of the Law of Dumbuils	Northwest	STD	08/08/2010
010	28			farmstead at the base of the S slope of the Law of Dumbuils	Northwest	STD	08/08/2010
010	29			farmstead at the base of the S slope of the Law of Dumbuils	Northwest	STD	08/08/2010
010	30			farmstead at the base of the S slope of the Law of Dumbuils	North	STD	08/08/2010
010	31			farmstead at the base of the S slope of the Law of Dumbuils	East	STD	08/08/2010
011	1			View of trench	North	STD	08/08/2010
011	2		9003, 9004, 9005, 9007	View of trench	South	STD	08/08/2010
011	3		9016	Cupmarked stone in rubble 9016 in S end of trench	Southeast	STD	08/08/2010
011	4			Working shot of trench	Northwest	STD	08/08/2010
011	5			Working shot of trench	North	STD	08/08/2010
011	6			Jennifer digging in Rampart 1	Northeast	STD	21/08/2010
011	7			Section through R1 - working shot	Northeast	STD	21/08/2010
011	8		9044, 9043	Working shot of Send of trench with paving	South	STD	21/08/2010
011	9		9021	Alex digging slot under and abutting wall 9021	West	STD	21/08/2010
011	10			Jennifer digging in Rampart 1	Northwest	STD	21/08/2010
011	11			Area between R1 and R2 - working shot	Southwest	STD	21/08/2010
011	12			Tessa giving a site tour	Southwest	STD	21/08/2010