

DBFA15 – 002

**Results of an Archaeological Excavation at Dubton Farm,
Brechin, Angus**

Commissioned by Scotia Homes (North) Ltd

DBFA15 – 002 summary sheet

Client:	Scotia Homes (North) Ltd
National Grid Reference:	NO 58616 60622 (site centre)
Address:	North Latch Road, Brechin, Angus. DD9 6LQ
Parish:	Brechin
Council	Angus Council
Planning Application No	09/00675/FUL
NMRS No	N/A
SMR No	N/A
OASIS No	headland1- 245896
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Schedule:	
Fieldwork	February - March 2016
Report	April 2016

Summary

Headland Archaeology was commissioned by Scotia Homes (North) Ltd to undertake an archaeological excavation in advance of a residential development at Dubton Farm, Brechin. The work was carried out in response to a planning condition on an application (09/00675/FUL) submitted to Angus Council. The work took place between the 29th of February and the 11th of March 2016.

The excavation was two trenches (Areas 1 & 2) which targeted two discreet concentrations of prehistoric settlement activity previously identified in the 2010 evaluation (CFA 2010). Area 1 consisted of a post built round house with east facing entrance, within which was located a pennanular souterrain. This souterrain consisted of two chambers accessed from the south-west terminus and separated by a narrow doorway. A small tunnel connected the south-western chamber of the souterrain with a north-west to south-east running ditch. This appeared to have functioned as a drain, allowing water to collect in the souterrain. Evidence for timber lining was found in the form of stake-holes spaced along the inner edges of the north-eastern chamber of the souterrain cut. Area 2 was located c.125m to the north-east and comprised another post-built roundhouse with east facing entrance. Both structures may to have been abandoned at a similar time during the first half of the first millennium AD as similar pits containing wheel –thrown pottery were cut into their entrances potentially at the time of abandonment.

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1. INTRODUCTION

Headland Archaeology was commissioned by Scotia Homes (North) Ltd to undertake an archaeological excavation in advance of a residential development at Dubton Farm, Brechin. The work was required to meet a condition placed by Angus Council on a planning application (planning reference 09/00675/FUL). The objectives of the excavation were to preserve by record two areas of archaeological remains identified on the proposed development site in evaluation (CFA 2010). This work included identifying structures and activity areas, establishing the date and duration of any settlement, and obtaining environmental as well as artefactual evidence. This report details the results of the work.

1.1 Site Location

The site was located in arable fields (most recently under cereal crop) west of North Latch Road and south of the A90, on the north-western outskirts of Brechin (Illus 1). The site was situated on a plateau on a south-east facing slope descending towards the River South Esk. It was centred on NO 58616 60622, and located at between 70-75m AOD. The bedrock geology comprised sedimentary rock of the Scone Sandstone Formation, formed approximately 398 to 416 million years ago, overlain by superficial geology of glaciofluvial gravels, sands and silts formed up to 3 million years ago in the Quaternary Period (British Geological Survey website; <http://www.bgs.ac.uk>).

1.2 Archaeological Background

Two phases of archaeological evaluation by trial trenching undertaken in advance of these works. The first in 2010 was carried out by CFA archaeology (CFA 2010) and comprised a 7% sample (totalling 8470m²) of the development area. A subsequent change to the positioning of an access road led to the need for a further trial trench evaluation in December 2015, conducted by Headland Archaeology (Cox 2016). During the 2010 phase of works two concentrations of archaeology were identified. The first comprised a pennanular souterrain with associated post-ring structure and pits and the second a post-ring build round-house with associated pits. A number of features from these two areas were tested during the course of these works but no dating evidence was recovered. A number of isolated linear features, pits and post-holes were encountered across the development area both in 2010 and 2015. Evidence for rig and furrow cultivation, following a variety of alignments was also identified during both phases of trial trenching.

A series of prehistoric features were recorded in a neighbouring field to the west during works ahead of the construction of a business park in 1998 and 1999 (Baker and Moloney 1998; Cameron 2002). The excavations revealed a suite of prehistoric features including pit clusters and large pits of a Neolithic date and four souterrains of Iron Age date. The souterrains were all small in size and apparently timber lined. A number of nearby features may represent above ground structures related to these souterrains.

2. METHODOLOGY

2.1 Site Works

The work was undertaken as specified in the Written Scheme of Investigation (Headland Archaeology 2016). Topsoil stripping was to be carried out on two areas, each measuring 625m², centred on those identified during the 2010 trial trenching which will subsequently be referred to as Areas 1 and 2 (see Illus 2). Due to the proximity of buried services in Area 2 a small percentage of the meterage from that area was appended to Area 1 in order to fully expose linear feature [1013] (see Illus 3). A mechanical excavator with a 2m wide toothless ditching bucket was used to remove the topsoil under direct archaeological supervision until the natural sub-stratum or significant archaeological features were encountered.

2.2 Site Recording

All features were cleaned, investigated and recorded appropriately and all archaeologically significant deposits were sampled. All recording followed the ClfA Standards and Guidance for Conducting Archaeological Excavations. Archaeological features and deposits were hand excavated and recorded using standard archaeological methods and pro-forma record sheets. A complete record of the contexts can be found in the Context Register (Appendix 1.1).

A site plan including all identified and excavated features and the limit of excavation was recorded digitally using an EDM and related to the National Grid. Complex sections were hand-drawn on permatrace at a scale of 1:10. A full list of the completed drawings and ortho-photos can be found in the Drawing Register (Appendix 1.2).

A photographic record of all contexts was taken using a digital SLR and included a clearly visible graduated metric scale. A full list of the photographs taken can be found in the Photographic Register (Appendix 1.3).

Sediment samples were collected from secure archaeological contexts for processing and assessment. A full list of the samples collected can be found in the Sample Register (Appendix 1.4)

2.3 Reporting and Archives

The results of the work are presented below. Three samples have been sent for radiocarbon dating. These results will be added to this report as an addendum once received.

The complete project archive will be deposited with NMRS within six months of the completion of all work on this project. The records (paper and digital) will be archived according to the guidelines published by the Institute for Archaeologists on behalf of the Archaeological Archives Forum (July 2007).

3 EXCAVATION RESULTS

The excavation was carried out between February 29th and March 11th 2016 in mixed weather conditions; the location of the site meant it was frequently exposed to strong winds. Cycles of wet and dry weather allowed for the identification of poorly defined features through differential water retention.

Rising ground water levels were a problem during the excavation of the south-western chamber of the souterrain, the base of which was up to 0.40m below the current water table. As a result subtle features on the base of this chamber were unable to be recorded due to the constant ingress of water.

Full context descriptions are included in Appendix 1. Contexts were assigned consecutive numbers for the whole period of works running up from 1000 in Area 1 and 2000 in Area 2. Cut and structural features are shown as [100] whilst fills and deposits are expressed as (101). The results are described by area and illustrated on Illus 3 and 25. On all plans and sections numbers in **bold** indicate the cut and structural features and normal text indicates deposits.

3.1 Topsoil Strip

The topsoil (numbered 1001 and 2001 respectively) was generally uniform across both areas of excavation and comprised mid-brown sandy silt between 0.30 and 0.50m thick overlying the geological subsoil ((1000) and (2000)). The latter consisted of pinkish-brown sand and gravel with frequent rounded stones and occasional outcrops of sandstone bedrock especially along the southern half of Area 1.

A series of north-east to south-west aligned furrows were present within Area 2, cut into the underlying geological subsoil. The furrows measured between 0.80m and 2.00m wide and up to 0.35m deep. Furrows were not noted in Area 1 but may have been removed during the 2010 excavations and depressions in the geological subsoil in this area suggest that they would have been present.

Three modern field drains, two of a rubble stone construction and one of ceramic pipe, were present in Area 1. All three were orientated running north-west to south-east and approximately 0.20m wide. A modern service trench was also noted in Area 1 on an east to west alignment and measuring 1.30m wide.

3.2 Area 1 Archaeology (Illus 3 & 4)

Area 1 was situated within a slight hollow at around 71.40m AOD. The archaeology in Area 1 consisted of a pennanular souterrain linked via a tunnel to a drainage ditch, a post-built round house and a small number of associated pits. In general the archaeology all appeared to be roughly contemporary and formed a well preserved structural complex. For ease of description the results will be described by dividing these features into the following categories; the souterrain, the associated tunnel and ditch, the post-built roundhouse, and the associated pits.

3.2.1 The Souterrain (Illus 3-13)

Context Number	Interpretation	Shape	Associated Contexts	Length (m)	Width (m)	Depth (m)
[1023]	Stake-hole	Sub-circular	(1024)	0.1	0.2	0.04
[1025]	Stake-hole	Sub-circular	(1026)	0.14	0.12	0.05
[1131]	Stake-hole	Sub-circular	(1132)	0.1	0.1	-
[1133]	Stake-hole	Half-circle	(1134), (1192)	0.3	0.2	0.2
[1135]	Stake-hole	Rectangular	(1136)	0.18	0.08	-
[1137]	Stake-hole	Sub-circular	(1138)	0.22	0.17	0.1
[1146]	Stake-hole	Sub-circular	(1147)	0.18	0.14	0.1
[1148]	Stake-hole	Sub-circular	(1149)	0.2	0.2	0.3
[1150]	Stake-hole	Sub-circular	(1151)	0.19	0.1	0.08
[1152]	Stake-hole	Sub-circular	(1153)	0.15	0.1	-
[1154]	Stake-hole	Sub-circular	(1155)	0.11	0.09	0.15
[1156]	Stake-hole	Sub-circular	(1157)	0.15	0.1	-
[1158]	Stake-hole	Sub-circular	(1159)	0.08	0.07	-
[1160]	Stake-hole	Sub-circular	(1161)	0.15	0.1	-
[1162]	Stake-hole	Sub-circular	(1163)	0.18	0.16	-
[1164]	Stake-hole	Sub-circular	(1165)	0.17	0.16	0.1
[1166]	Stake-hole	Sub-circular	(1167)	0.12	0.12	0.1
[1168]	Stake-hole	Half-circle	(1169), (1193)	0.22	0.15	0.17

[1170]	Stake-hole	Half-circle	(1171)	0.18	0.1	-
[1172]	Stake-hole	Half-circle	(1173)	0.2	0.13	-
[1174]	Stake-hole	Half-circle	(1175)	0.21	0.15	-
[1176]	Stake-hole	Half-circle	(1177), (1194)	0.2	0.2	0.1
[1178]	Stake-hole	Rectangular	(1179)	0.21	0.04	-
[1180]	Stake-hole	Rectangular	(1181)	0.27	0.05	0.11
[1182]	Stake-hole	Rectangular	(1183)	0.21	0.09	-
[1184]	Stake-hole	Sub-circular	(1185)	0.24	0.08	0.1
[1186]	Stake-hole	Sub-circular	(1187)	0.11	0.06	0.06
[1188]	Stake-hole	Sub-circular	-	0.25	0.15	0.05
[1189]	Stake-hole	Sub-circular	-	0.15	0.15	0.05
[1190]	Stake-hole	Sub-circular	-	0.14	0.13	0.05

Table 1: List of Stake-holes within North-eastern Chamber of Souterrain [1002]

The souterrain [1002] comprised of two main chambers, separated by a narrow opening in the centre section. Overall the souterrain was pennanular in shape, 15.40m long, enclosing approximately 180° of a circle measuring 11.50m in diameter. Access to the souterrain was afforded from a gently sloping entrance way [1012] located at the south-western terminus. This entrance appeared as a shallow groove up to 2.00m long and 0.90m wide. The entrance sloped gently down 0.40m over its length before stepping down sharply into the south-western chamber. This step down was approximately 0.60m high.

The south-western chamber of the souterrain measured 6.40m in length and 1.40m wide giving an internal floor space of 8.96m². The sides were near vertical and the base appeared to be mostly flat. Due to the ingress of rising ground water the base of this chamber was not able to be fully investigated, however stake-holes were observed cut into the inner and outer edges of the base in two places and it is assumed that more would have been present.

The north-eastern chamber appears to have been accessed through a narrow opening that measured 1.00m long, 1.00m wide and 0.80m deep, involving a step up of approximately 0.40m from the south-western chamber. The opening bulges out on both sides suggesting the possibility of door jambs on either side. A narrow drainage gully [1191] ran beneath this door transporting water collected within the north-eastern chamber back into the south-western (see Illus 12). This gully was linear in shape, with steep sides and a flat base. It was approximately 1.00m long and 0.10m wide at the base and had a depth of 0.10m.

The north-eastern chamber measured 6.00m long and on average 1.80m wide giving an internal floor space of 10.80m². The depth of the base was fairly consistently 0.80m putting this chamber on average 0.40m higher than the south-western chamber. The sides of this chamber were near vertical and the base flat. A series of 30 stake-holes were located running along the edges of the base (see Table 1 for dimensions). These stake holes can be subdivided into three groups based

on the shapes of their cuts. The first and most numerous were sub-circular in shape. These were typically placed tight to the edges of the cut, and in some cases (i.e. [1148]) the edges were overcut to accommodate the stakes. The second grouping consisted of half circular shaped (split) timbers. These were typically placed with the flat face along the edge of the cut, although in the case of [1133] the rounded face was cut into the edge to accommodate it. The third and least numerous group were rectangular in shape and must have held timber planks. These were found in a grouping of two pairs facing each other towards the western end of the chamber. On average the stake holes were c.0.10m in diameter and 0.10m deep with 0.30m being the deepest noted.

3.2.2 Use and Post-abandonment fills

Phase	Associated Fills	Location
Post-abandonment Erosion Fills	(1011)	Entrance
Final occupation/Abandonment	(1103), (1114), (1115), (1122)	South-western chamber
Post - abandonment Erosion Fills	(1105), (1106), (1107), (1108), (1109), (1110), (1111), (1112), (1113), (1123), (1124)	South-western chamber
Final Infilling	(1104), (1125)	South-western chamber
Post-abandonment Erosion Fills	(1074), (1075), (1076)	Opening
Final Infilling	(1077), (1078)	Opening
Final occupation/Abandonment	(1008), (1010), (1021), (1064), (1091), (1065), (1066)	North-eastern chamber
Post-abandonment Erosion Fills	(1009), (1007), (1019), (1020), (1022), (1057), (1058), (1059), (1060), (1061), (1062), (1063), (1067), (1068), (1069), (1070), (1090)	North-eastern chamber
Final Infilling	(1004), (1005), (1006), (1016), (1017), (1018), (1056), (1071)	North-eastern chamber

Table 2: Souterrain fills organised by phase and location

The fills of the souterrain were predominantly post-abandonment deposits originating through the erosion of the exposed sides. The souterrain was excavated and recorded in a number of slots and separate sequences of numbers were assigned to each. The sequence of deposits throughout both chambers of the souterrain was broadly similar and as such a single numbering sequence will be used to describe each of the sequences of deposits as represented in Illustrations 6 and 7. Due to the number of deposits recorded they are summarised in Table 2.

None of the fills found within the souterrain can be categorically be labelled occupation deposits. The basal fill (1010) in the north-eastern chamber was an organic rich dark brown sandy silt containing occasional charcoal. It is possible this layer represents the final occupation

deposit or a deposit related to the removal of a roof or timber lining. A distinct deposit (1008) was located at the north-eastern terminus of the north-eastern chamber consisting of poorly sorted, charcoal rich sandy silt (Illus 8). A significant amount of burnt fragments of large mammal bone as well as fragments of an amber bead were recovered from this deposit. It is possible that this was deliberately placed at the terminus of the souterrain as a closing deposit.

Within the south-western chamber a layer of organic rich silty clay (1122) up to 0.20m thick had formed across the base. Several fragments of waterlogged wood were recovered from this deposit, including twigs that may have been used as wattle. The formation of this organic rich deposit indicates that the water table must have been around this level immediately following the abandonment of the souterrain.

Subsequent fills in both chambers comprised wind and water carried gravels and silty sands, originating predominantly from the exposed sides (e.g. (1060) and (1110)). Occasional organic rich lenses such as (1061) and (1109) might represent periods when the hollow remained open long enough for plant material to accumulate at the base before the erosion continued. The upper fills throughout were a mid-brown-grey loam ((1104) and (1056)) which were close in appearance to the plough-soil (1001) and were most likely accumulated relatively recently due to the actions of the plough.

3.2.3 Ditch [1013] (Illus 3, 14-17)

Running on a north-west to south-east alignment, Ditch [1013] terminates approximately 1.20m from the north-eastern end of the souterrains south-western chamber. The ditch measured c.20.00m and was truncated at the north-western end by both a trial trench from the 2010 season of work and a modern service trench. The ditch appeared to have been originally excavated in at least two distinct sections. The north-western section measured 12.50m long and 0.60m wide and was between 0.20m and 0.40m deep. The sides were steep and the base slightly rounded. The level of the base was highest at the north-west and lowest towards the south-east. The south-eastern section, measuring 8.00m long and 1.40m wide, was much deeper at 0.80m deep with near vertical sides and a flat base gently sloping down towards the south-east.

The ditch fills were mostly uniform throughout the 20.00m length with the exception of the final 2 metres of the south-eastern terminal. For the greatest part of its length the ditch was filled with mid-grey-brown sandy silts mostly deriving from eroded and water-lain material (See Illus 14-17).

The deposits within the south-eastern terminus differed in that they do not appear to derive from the erosion of the sides. The basal fill consisted of a 0.50m thick organic rich dark-brown-grey sandy silt. This was overlain by a mid-brown-grey sandy silt 0.30m thick. Both deposits are

much more organic rich and appear to have been deposited rapidly. It is possible that these represent the (deliberate?) infilling of this end of the ditch when the overall structure fell out of use and was demolished or could be the remains of turf walls and thatched roofing due to the proximity of this end of the ditch to the roundhouse.

3.2.4 Tunnel [1141] (Illus 3, 18-20)

A tunnel [1141] ran from the south-western chamber of the souterrain into the south-eastern terminal of Ditch [1013]. The tunnel was roughly triangular in profile at the north-west opening within Ditch [1013]. Here it measured 0.70m high and 0.70m wide at the base. Beyond this the cut became circular and narrowed towards the south-eastern opening within the south-western chamber of Souterrain [1002] where it was 0.40m in diameter. The tunnel had a total length of 1.30m and sloped gently downwards from the north-west (the Ditch) to the south-east (the Souterrain). The edges of the tunnel were mineralised and hard. A large stone was found within the south-western chamber of the souterrain, opposite the tunnel entrance and when placed within formed a tight fit. It is possible this stone was used as a plug for the tunnel.

The tunnel was filled with an organic rich grey-black silt (1142) up to 0.40m thick containing occasional charcoal fragments, possibly water-lain. This was overlain by a brownish grey sandy silt (1143) up to 0.30m thick with no inclusions that was also possibly water-lain. The largest concentration of industrial waste from the site was recovered from the lower deposit (1142), consisting of 29grams of vitrified fragments, most likely burnt soil and stone.

3.2.5 Post-Built Roundhouse (Illus 3, 21-23)

Context Number	Interpretation	Associated Contexts	Length (m)	Width (m)	Depth (m)
[1028]	Post-hole	(1029), (1030)	0.45	0.35	0.25
[1031]	Post-hole	(1032)	0.50	0.45	0.25
[1033]	Post-hole	(1034), (1035)	0.50	0.50	0.25
[1036]	Post-hole	(1037)	0.55	0.55	0.15
[1038]	Post-hole	(1039)	0.35	0.35	0.05
[1040]	Post-hole	(1041)	0.40	0.40	0.15
[1042]	Post-hole	(1043)	0.50	0.50	0.20

[1044]	Post-hole	(1045)	0.50	0.50	0.25
[1046]	Post-hole	(1047), (1087)	0.45	0.40	0.25
[1048]	Post-hole	(1049), (1050)	0.50	0.50	0.30
[1051]	Post-hole	(1052)	0.40	0.40	0.30
[1098]	Post-hole	(1098), (1099)	0.60	0.55	0.20
[1100]	Post-hole	(1101)	0.75	0.75	0.30

Table 3: Structural Features of Post-built Roundhouse in Area 1

The roundhouse comprised a single post-ring containing 11 post holes and a possible porch or entrance way to the east.

The post ring was formed of 11 post-holes spaced around a circle approximately 6.20m in diameter. Posts appear to have been spaced between 1.40m and 1.50m apart with a wider gap of 1.95m between post-holes [1033] and [1036] at the supposed entrance way. Two post-holes from the original ring, either side of post-hole [1028], are most likely missing due to truncation by a pair of field drains. Most post-holes were circular in shape, with near vertical sides and rounded bases and averaged 0.50m in diameter (see Table 3). The post-holes along the southern and south-western arc were generally much shallower due to being cut into an outcrop of bedrock. Four post-pipes were visible in post-holes [1028], [1033], [1046] and [1048]. The diameters of these post-pipes were mostly 0.25m with the single exception of (1049) in Post-hole [1048] which was 0.30m in diameter.

Post-holes [1098] and [1100] were located c.3.20m to the east of the post ring and appear to form the northern corner posts of an entrance approximately 2.00m wide. A corresponding southern corner-post was noted by CFA in 2010 but was not rediscovered during the excavation.

The fills of the majority of post-holes were very similar consisting of brownish-grey silty sands with occasional rounded stone and charcoal fragments. A fragment of pottery of a probable Roman date was recovered from the post-pipe deposit within Post-hole [1028].

Internally the structure appeared to have been truncated to below the level of occupational layers and features, and no evidence for an internal hearth was noted

3.2.6 Associated Pits (Illus 24)

Context Number	Interpretation	Associated Contexts	Length (m)	Width (m)	Depth (m)
[1092]	Pit	(1093), (1094)	0.80	0.75	0.15
[1095]	Pit	(1096), (1097)	1.60	1.40	0.50
[1129]	Pit	(1130)	2.70	1.45	0.20
[1138]	Pit	(1139), (1140)	1.14	1.13	0.55

Table 4: Pits Associated with Post-built Roundhouse in Area 1

Four pits were located within and around the east entrance of the roundhouse, all four out-with the post-ring (Table 4). Pit [1095] was sub-rectangular in shape and measured 1.60m long and 1.40m wide and was positioned directly in the centre of the entrance way. The pit had survived to a depth of 0.50m and had steep sides and a flat base. The basal fill (1096) consisted of a 0.10m thick brownish-grey sandy silt with bright orange mottling suggestive of heat affected soil. This deposit contained occasional heat cracked pebbles. Overlying this deposit was a mid-blackish-brown silty sand layer (1097), 0.40m thick that included frequent charcoal fragments and heat affected stones.

Pits [1092] and [1138] were located to the north and south of the entrance way respectively, either side of Pit [1095]. Both pits were very similar in appearance being approximately square in shape with steep sides and flat bases. Pit [1092] had undergone considerably more truncation from rig and furrow agriculture however and only survived to a depth of 0.15m whereas pit [1138] survived to a much greater depth of 0.55m. The basal fill of pit [1092] was a thin (0.05m) layer of brownish-red silty sand, most likely deriving from erosion of geological deposits immediately after excavation. This was overlain by a charcoal rich blackish-brown sandy silt (1094), 0.10m thick, containing sherds of pottery. Pit [1138] was much better preserved and contained two distinct fills. The basal fill (1140) measured 0.31m thick and consisted of mottled dark-grey-brown and mid-orange-brown sandy silt containing charcoal, burnt bone and heat affected stones. A small quantity of hammerscale was also recovered from this deposit, potentially suggesting some metal working was taking place in the vicinity. Overlying this deposit was a dark brown-grey sandy silt (1139) up to 0.24m thick containing frequent charcoal, occasional burnt bone and small to medium rounded stones. Two sherds of wheel-thrown pottery, a fragment of burnt flint, a whet stone and a worked stone disc (possibly a pot lid) were also recovered from this deposit (See Section 3.3).

Pit [1129] was located approximately 2.30m to the east of Pit [1095] directly outside of, and in line with, the entrance way. This pit measured 2.70m long, and 1.45m wide and was sub rectangular in shape, with gently sloping sides and a flat base. The pit survived to a depth of 0.20m and was filled with a single blackish-brown sandy silt (1130) throughout. This deposit contained charcoal and small rounded stones.

All four pits were similar in their shapes and deposits and form a regular pattern that suggests they were set out either at the same time or with explicit reference to one another. Their fills were also similar, being mostly charcoal rich rapid backfilling events. The pottery recovered from pits [1092] and [1138] also appears to be contemporary or near contemporary.

3.3 Area 2 Archaeology (Illus 25)

Area 2 was situated on a gentle rise at the eastern limit of the field at around 73.70m AOD. The archaeology in Area 2 consisted of a post-built round house and a small number of associated pits. In general preservation was poor in this area and the archaeology had undergone heavy truncation by modern and ancient ploughing. Three furrows running on north-east to south-west alignments were recorded crossing this area.

3.3.1 Post-ring and entrance

Context Number	Interpretation	Associated Contexts	Length (m)	Width (m)	Depth (m)
[2002]	Pit	(2003)	1.15	1.1	0.1
[2004]	Pit	(2005)	0.7	0.8	0.15
[2006]	Pit	(2007)	1	0.6	0.25
[2008]	Post-hole	(2009)	0.35	0.35	0.2
[2010]	Post-hole	(2011)	0.4	0.38	0.3
[2012]	Post-hole	(2013)	0.57	0.44	0.26
[2014]	Post-hole	(2015)	0.4	0.37	0.3
[2016]	Post-hole	(2017)	0.4	0.4	0.09
[2018]	Post-hole	(2019)	0.5	0.4	0.12
[2020]	Post-hole	(2021), (2040)	0.4	0.37	0.28
[2022]	Post-hole	(2023)	0.4	0.4	0.2
[2024]	Post-hole	(2025)	0.45	0.4	0.25
[2026]	Stake-hole	(2027)	0.15	0.15	0.07
[2028]	Post-hole	(2029)	0.4	0.4	0.25
[2030]	Post-hole	(2031)	0.4	0.35	0.15
[2032]	Post-hole	(2033)	0.35	0.35	0.25
[2034]	Post-hole	(2035)	0.47	0.44	0.3
[2036]	Post-hole	(2037)	0.6	0.4	0.1

[2038]	Gully	(2039)	1.6	0.4	0.05
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Table 5: List of Features from Area 2

The post-built roundhouse was formed of 10 post-holes laid out around a ring with a diameter of 5.70m. Posts appear to have been spaced between approximately 1.50m and 1.60m apart with a wider gap of 2.20m between Post-holes [2010] and [2012] at the supposed eastern entrance way. It is likely that a post-hole between Post-holes [2018] and [2020] was missing due to truncation by rig and furrow agriculture. Most post-holes were circular in shape, with near vertical sides and rounded bases and averaged 0.40m in diameter (see Table 5). The post-holes were generally much shallower than those seen in Area 1 due to the greater level of truncation here. A single post-pipe was visible in Post-hole [2020]. The diameter of this post-pipe was 0.23m.

Post-holes [2008] and [2024] were located c.2.30m to the east of the post ring and appear to form the corner posts of an entrance approximately 2.20m wide. A single Stake-hole [2026] was located 0.50m to the east of Post-hole [2028] and might represent a repair or support for this post.

The fills of all of the post-holes were relatively similar, consisting mostly of brownish-grey silty sands containing small rounded pebbles and occasional flecks of charcoal. Lithics were recovered from the fills of Post-holes [2008] and [2014]. All were undiagnostic flakes or chips and most likely residual.

Internally, as with Area 1, the structure appeared to have been truncated to below the level of occupational layers and features.

3.3.2 Associated Pits

Two pits were located in the immediate vicinity of the eastern entrance way to the roundhouse, both out-with the post-ring. Pit [2002] was the larger of the two and was positioned directly in the centre of the entrance in the same way as Pit [1095] in Area 1. The pit was sub-rectangular, measuring 1.15m long and 1.10m wide. The pit only survived to a depth of 0.10m and had gradually sloping sides and a flat base. The fill appeared to have been disturbed by animal burrowing and consisted of a grey silty sand containing a few small size rounded stones. Pit [2004] was located 1.50m to the north of [2002], was sub circular in shape and measured 0.80m long and 0.70m wide. The pit survived to a depth of 0.15m and had gently sloping sides and an uneven base. It was filled with a mid-brown clayish silt containing occasional charcoal and a residual lithic chip.

Two outlying pits or post-holes, [2036] and [2022], might be the remains of an outer ring of wall supports along the western and south-western ends of the house. The low level of preservation however does not exclude these features from being of a natural origin.

3.4 Finds Assessment

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The find assemblage is small, amounting to six sherds (146g) of pottery, 10 lithics finds, two of coarse stone and one of amber, a small collection (29g) of industrial waste, a fragment of glass and piece of possible ceramic building material. None of the finds can be closely dated but some finds are of potential early to mid-first millennium AD date with clear Roman influences and some are clearly earlier.

Feature	Pottery	Pottery	Stone	Stone	Lithics	Glass	CBM	CBM	Ind Waste	Dating
	Count	Wgt	Count	Wgt	Count	Count	Count	Wgt	Wgt	
Souterrain [1002] infill deposit (1104)					2					?
Souterrain [1002] last use/abandonment deposit (1122)							1	194g		?
Souterrain [1002] post-abandonment deposit (1008)			1	<0.5g	4	1				IA?
Tunnel [1141]									29g	IA?
PH [1028]	1	25g								IA?
Pit [1092]	3	105g								IA?
Pit [1138]	2	16g	2	754g	1				<0.5g	IA?
Pit [2004]					1					?
Post-hole [2008]					1					?
Post-hole [2014]					1				<0.5g	?
Total	6	146g	3	754g	10	1	1	194g	29g	

Table 6. Summary of assemblage by feature

3.4.1 Pottery

The assemblage consists of six sherds of pottery which appears to be early to mid-first millennium AD in date. They are all wheel thrown, in the same fabric, a highly micaceous reduced ware that is likely to have been produced somewhere in the region – perhaps locally made or traded with the Romans. At least two vessels are represented both cooking pots, including two base sherds and a rim. The rim is a very simple form, but would support a Flavian date. Pottery has been recovered from the fort at Stracathro, but only the samian has been studied, and there is very little accessible information about the coarse wares in this area (Robertson 1969, 2; Hartley 1972, 4).

3.4.2 Stone

The most significant of the stone finds was the remains of an amber bead found in a post-abandonment deposit within the souterrain [1002] (1008), a dump of possible hearth material. It was in two fragments, representing less than half the complete bead, with no complete dimensions surviving. However, the remains of the central perforation and some of the exterior surface indicate it was a rounded bead at least 12mm long and approximately 10mm in diameter.

The other two stone finds were more substantial, and both found in pit [1138] (1139). The first was a large and well-used whetstone. The second was a small disc. The latter was made with some care, and forms a roughly circular disc about 60mm in diameter. It may have formed a lid or surface, but has no obvious signs of use wear.

3.4.3 Lithics

The lithic assemblage was small, fragmentary and not particularly informative. It comprises two flakes, five fragments and three chips. All are flint and six are burnt. They are all most probably residual and this and the burning would account for their fragmentary state. The finds appear to be prehistoric but none are indicative of a more specific date range.

3.4.4 Glass

A single fragment of colourless glass was found in a post-abandonment fill of souterrain [1002] (1011). It is too small to identify effectively. It is very small and in very good condition and it is most likely to be an intrusive modern find.

3.4.5 Ceramic building material

A single lump of possible ceramic was found. It is red, fine grained, and amorphous. It is soft but fired to a bright brick-red. It is possibly a sherd of much abraded soft brick, or possibly an accidentally fired piece of clay or even a fine grained soft stone. It was the only find from the last use or abandonment level of the souterrain [1002] (1122).

3.4.6 Industrial Waste

A small assemblage of industrial waste comprises 29g of vitrified fragments and <0.5g of hammerscale. The vitrified fragments are undiagnostic of any particular industrial process but clearly indicate burning of some sort. Most were found in tunnel [1141] (1142) connecting the souterrain [1002] to the ditch [1013] and are likely to be residual. A very small quantity was also recovered from post-hole [2014] (2015).

The hammerscale is related to either smelting or smithing but is in such small quantities it does not necessarily indicate this activity being carried out on site; it could easily have been transported by ploughing or be windblown. However, it was found in the lower fill of pit [1138] (1140), finds from the upper fill (1139) include a whetstone which supports metalworking being undertaken in the general vicinity.

3.4.7 Discussion

The earliest finds are the lithics which imply pre-Iron Age activity in the area, but all are residual and none can be tightly dated.

Finds associated with the roundhouse pits and post-holes include all the pottery, the whetstone and stone disc and a small quantity of hammerscale. They suggest general domestic occupation and possible ironworking associated with the structure though cannot provide a tight date. The pottery may be Roman or influenced from Rome though little is known about local pottery during that period.

Finds from the souterrain include an amber bead, a fragment of possibly intrusive glass and an ambiguous lump of ceramic. Again, there is nothing to aid dating but clearly the nature of deposit (1008) in which the bead was found bears closer scrutiny. It is a dump of possible hearth material and may conceivably derive from a cremation pyre.

3.4.8 Recommendations

The site's material culture is clearly unusual and hence of some interest. If the site were to be published a short note should be included on both pottery and amber bead. Radiocarbon dating is needed to confirm the dating of both roundhouse and the souterrain deposits.

The pottery can be compared with that from Stracathro and other northerly Scottish sites, where this material is available for study. The gap in existing knowledge for pottery of this period in northern Scotland is such that this assemblage, though small would provide a useful addition. The rim should be illustrated.

The bead should be studied in relation to its context and the amber trade during this period. A short note on both should be included in any further publication and a colour photo might be of interest.

3.5 Palaeoenvironmental Sample Assessment

3.5.1 Introduction

Thirty samples taken during archaeological works at Dubton Farm, Brechin, Angus, were received for palaeoenvironmental assessment. The site comprised two roundhouses, a souterrain and several associated pits and post-holes. Two litre sub-samples from five of the 30 samples were also assessed for waterlogged plant remains. The samples were from the souterrain, pits and post-holes. The aims of the assessment were to assess the presence, preservation and abundance of any environmental remains in the samples and to characterize the assemblage as far as possible.

3.5.2 Methodology

Bulk samples were subjected to flotation and wet sieving in a Siraf-style flotation machine. The floating debris (the flot) was collected in a 250 µm sieve and, once dry, scanned using a binocular microscope. Any material remaining in the flotation tank (retent) was wet-sieved through a 1mm mesh and air-dried.

Five of the 30 bulk samples (from contexts (1114), (1122), (1128) and (1141)) were sub-sampled in order to see if they contained waterlogged material. The deposits were sieved through a 250 µm mesh for the recovery of plant macrofossils.

All samples were scanned using a stereomicroscope at magnifications up to x45. Identifications, where provided, were confirmed using modern reference material and seed atlases including Cappers *et al.* (2006) and Zohary *et al.* (2012).

3.5.3 Results

Results of the assessment are presented in Appendix 3.1 (Flot samples) and 3.2 (Retent samples). Samples with material suitable for AMS (Accelerated Mass Spectrometry) radiocarbon dating are indicated in the tables. The majority of samples had a high proportion of modern roots.

Waterlogged samples

No waterlogged material was recovered from the sub-samples.

Wood charcoal

Twenty nine samples contained wood charcoal in varying quantities (Appendix 3). The charcoal was generally unabraded. Charcoal was particularly abundant in the fills of souterrain slots [1003], [1055] and [1102] and the fill (1021) of pit [1138] and included occasional small diameter round wood fragments. Several large chunks of non-oak charcoal were present in the fill (1103)

of the south-western souterrain chamber. Where preservation allowed the charcoal was categorized as either oak or non-oak. Both oak and non-oak were observed.

Waterlogged Wood

A large chunk of waterlogged wood was recovered from the fill (1103) of the south-western souterrain chamber. At present is unclear whether the wood is worked.

Cereal grain

Cereal grains were present in small numbers in 4 samples (Appendix 3.1). Hulled barley was present in the basal fill (1011) of slot [1012]. The cereal grains in deposits (1006), (1091) and (1105) were heavily abraded and broken and therefore not identifiable to a level beyond indeterminate cereal.

Hazelnut shell

Small amounts of heavily fragmented nutshell were present in 10 samples. The nutshell has been weighed as part of the assessment and is quantified in Appendix 3.1.

Peat

Occasional fragments of burnt peat were present in deposits 1125, 1091 and 1142 from the fill of the souterrain and tunnel [1141] respectively.

Other charred plant remains

Very few 'weed seeds' (here used to include seeds, fruits, achenes, caryopses etc) were present in the assemblage. The weed seeds included a small legume seed and a sedge nutlet (*Carex* sp.) in the fill (1139) of pit [1138]. A single fat hen (*Chenopodium* sp.) seed was present in the fill (1006) of Souterrain slot [1003].

Bone

Pig and cow tooth fragments were present in the fill (1114) of soutterain slot [1079]. Several indeterminate fragments of tooth enamel were also recovered.

Small, indeterminate fragments of burnt large mammal bone were present in 25 samples (Appendix 3.2). The bone has been weighed as part of the assessment and is quantified in Appendix 3.2.

Other remains

Finds including pottery will be discussed as the subject of a separate finds report.

3.5.4 Discussion

The environmental assemblage offers limited insight into site economy. Hulled barley was identified in one sample from the post-abandonment phase of the souterrain fills. Hulled barley was the dominant cereal crop across Scotland during the Iron Age (ScARF 2012). Charred hazel nutshell fragments suggests that wild food was also collected. Charred hazel nutshells are typical of floor of hearth sweepings discarded onto fires, but it is also possible that they were incidentally collected with fuelwood. The presence of pig and cow teeth together with burnt and fragmented animal bone suggests that the main domesticates were consumed on site. Certainly the presence of nutshell together with pottery, cereal grain and animal bone suggest that the souterrain contained debris from a domestic source.

A small amount of burnt peat was recovered from the fill of the souterrain and tunnel and may have been the remains of fuel, turf walls or perhaps roofing material. Similarly, the remains of large roundwood charcoal fragments and waterlogged wood may also have been the remains of fuel or structural material.

3.5.5 Dating potential of charred remains

Twenty-eight samples contained charred material suitable for dating. The samples and material type are listed in Appendix 3.

3.5.6 Recommendations

Analysis of the wood and charcoal from the fill of the souterrain could provide information on structural material used if these could be securely identifies as of a structural origin.

3.6 Radiocarbon Dates

Feature	Context	Material
[1002]	(1114)	Hazel
[1048]	(1050)	Alder
[2002]	(2003)	Alder

Three samples have been sent to SUERC for AMS dating, the results of which will be submitted as an addendum to this report.

4 DISCUSSION

The excavation revealed significant remains associated with prehistoric settlement including two roundhouses and an enigmatic souterrain with associated ditch and tunnel. The results will now be discussed with references to other pertinent examples.

4.1 Roundhouses

Despite the difference in preservation between the two roundhouses identified on site, they share many similarities in form and appearance. They both survive as single post-ring and have entrance ways, maybe even 'porches', orientated to the east. Pits positioned at these entrances perhaps indicate similar, if not contemporary abandonment practice. These areas will now be considered in detail.

4.1.1 Post-Rings

The post-ring in Area 1 measured 6.20m in diameter and would most likely have consisted of 13 post-holes, 2 of which were removed by modern field drains. The ring in Area 2 was smaller at only 5.70m in diameter and would most likely have been formed of 11 posts. There are two possible house forms which can be extrapolated from these remains. The roundhouses could both have been simple ring structures or these surviving post-rings could be in the inner post-ring of a larger house with a (now removed) outer wall. No trace of outer walls of either roundhouse survived, either due to the level of truncation or because the walls had no sub-surface constructs.

It appears highly likely that the roundhouse in Area 1 was a larger roundhouse with a now removed outer wall. This is due mainly to the fact that the post-ring and the souterrain share the same curve and it is probable that the souterrain was entirely enclosed within the building. This fact is further validated due to the tunnel running from Ditch [1013] into the south-western chamber, as the subterranean tunnel would have been required in order to go under the walls. An open cut would otherwise have sufficed to link the two features together. In order to enclose the souterrain the inner face of the outer wall would have had to have been at least 12.50m in diameter. An estimate of the maximum outer diameter would be 13.70m before the terminus of the ditch would become a problem. The positioning of the entrance posts [1098] and [1100] appear to conform to these two estimated diameters for the outer walls.

in the diameter of the roundhouse in Area 2 are less easy to make. An estimate of the optimum structure size for a post-ring of 5.70m can be made based on Hill's (1984) observations of post-ring placements to best support roof timbers. His ratio of 1:0.707 would give a rough diameter of approximately 8.00m. Comparisons of Hill's ratio to actual data sets (Pope 2007) has suggested however that post-rings were often placed to maximise requirements for space in the periphery of the building. A best-fit ratio of 1:0.615 was derived from hundreds of actual examples and this would produce an estimated diameter of closer to 9.20m. This would leave entrance posts [2008] and [2024] standing proud by around 0.60m from the estimated wall forming a short porch area.

In both cases the post-rings appear to have remained un-modified for the duration of the buildings use with no obvious evidence for post replacement or insertion. This could suggest that both buildings were in use for a relatively short period of time, perhaps c. 50 years or less.

4.1.2 Entrances

The entrances into both roundhouses were orientated approximately east, with that in Area 1 orientated slightly further to the south. The choice of orientation has been seen as both a function of the roundhouse placement within the local topography and to maximise sunlight within the building. East and south-east facing orientations seem to favour the sunrise, especially during shorter winter days as the entrance way would be the principle source of light into the building. The entrances on both structures would presumably have helped to maximise the light entering the building by holding up the eaves of the roof. The trend for south-eastern orientations appears to have become most pronounced from around 800 BC after which 52% of structures are orientated south-east with an eastern orientation being favoured throughout the late Iron Age and Roman Iron Age periods (Pope 2003, 201).

4.1.3 Associated Pits

The presence of pits placed in the centre of and to the sides of the entrance ways in both buildings is intriguing. If these pits are contemporary with the lifetime of the houses it is unlikely that they related to the everyday functioning of the building as they would have been inconveniently placed directly in the door ways. Their fills also suggest a single period of use, possibly for burning before being filled with burnt materials and domestic items such as the pottery and whet stone. It is possible that these pits represent deliberate evidence of ritual activities related to the abandonment of the buildings, pits dug in the entrance way to 'close' them from use.

4.2 Souterrain

4.1.1 Form

Souterrains are predominately seen as dry-stone structures with stone linings and stone or thatch roofs. However a number of more recent excavations have revealed timber lined structures at sites such as Redcastle in the Lunan valley (Alexander 2005), Dalladies near Edzell (Watkins 1980a) and in the neighbouring site at Dubton excavated in 1998 (Cameron 2002). In all cases it is supposed that either plank or wattle frameworks were employed within these structures to hold back erosion from the exposed edges.

Although the corpus of excavated sites is small the size and shape of souterrains has been recognised to vary greatly, from large and complicated multi chamber and passage structures such as that from Ardownie, to the 'micro' souterrains from the 1998 excavations at Dubton that measured little more than 5.00m long. Typically a souterrain consists of a main passage, usually curving, with one or more side chambers or passages. If not lined and roofed in stone, souterrains are thought to have been thatched with the roof supported on a wooden frame. Low stone or turf walls may have helped to raise this roof to give enough head room for an adult in cases where the depth of the souterrain was relatively shallow such as at Redcastle.

Through the use of aerial photography the distribution of souterrains, especially in the region of Angus, has been recognised as relatively common on unenclosed settlement sites (Dunwell and Ralston 2008). These features are usually associated with above ground structures such as at Dalladies, Newmill, Ardestie and Carlungie.

The souterrain identified in Area 1 appears to be unusual in terms of regularity and location. The two chambers, whilst subtly different in width and depth, combine to form a near perfect pennisular shape occupying the greater part of the external or internal back arc of the roundhouse. If the souterrain was internal to the roundhouse this would be the only known example of a souterrain being wholly within an above ground structure.

That the roundhouse and souterrain were a contemporary or near contemporary scheme is almost certainly the case. The shape and size of the souterrain conforms perfectly to the dimensions of the building, whether internal or external, and the tunnel conjoining the souterrain to Ditch [1013] is highly suggestive of the need to burrow under an existing wall rather than carrying out a much easier continuous cut.

It is also highly unlikely that the souterrain would have been roofed separately to the building if it was external. The shapes of the stake-holes lining the north-eastern chamber (and presumably the south-western) show that these are most likely small timbers driven directly into the ground

without foundation holes and packing. Whilst sufficient to construct a wattle or plank lining around they are unlikely substantial enough to have held a roof. The timber lined souterrain from Redcastle contained much more substantial post-holes that may have supported a roof structure. The presence of the sloping entrance and the door like opening between the two chambers however is suggestive that the souterrain was at least partitioned off from the main interior of the building. Had the space been left open then access would be much easier afforded via ladders along the length of both chambers. The form of this partition is unknown but would most likely have been either constructed of earth from the up cast of the souterrain or from a timber or wattle screen, the stake holes of which have not survived truncation.

If the souterrain is located entirely within the roundhouse in Area 1 this appears to be a unique settlement. At Newmill, Perthshire (Watkins 1980b), part of a souterrain followed the external curve of a roundhouse, and the entrance into it was from the interior of the house. Other possible examples of this configuration have been seen (e.g. Cyderhall in Sutherland – Pollock 1992) but in all cases it appears that the main part of the souterrain was external to the building.

Similarities can be drawn with substantial ring-ditch roundhouses such as House 6 from the site of Douglasmuir, Angus (Kendrick 1995). Ring-ditches within roundhouses are almost as enigmatic as souterrains and similar theories as to their function exist for both features. Essentially a ring-ditch can be seen as a way of increasing the available space within the interior of a roundhouse by lowering the floor level beneath the sloping roof. The ring-ditch from House 6 at Douglasmuir was of a similar 'horse-shoe' shape and measured 1.80m deep from the present ground surface. Kendrick has suggested that this could have been covered over and used as a cellar in much the same way as a souterrain. She goes further to propose that many souterrains may have evolved from ring-ditches such as those at Dalladies. It is impossible to assess whether the souterrain at Dubton Farm evolved from a similar ring-ditch structure. Whilst it is possible that such a ring-ditch was entirely replaced by the souterrain over time there is no direct evidence for this. Indeed the vertical sides of feature [1002] are much closer in form to a fully-fledged souterrain than they are to the sloping inner edge of ring-ditches such as those from Douglasmuir. That this site represents the evolution of a tradition, or an entirely separate phenomenon, rather than the direct replacement of a ring-ditch is perhaps more likely.

4.1.2 Function

One of the most striking and unusual aspect of the souterrain comes in the form of an apparent water management system that was established to drain water into the south-western chamber

of the souterrain. Ditch [1013] slopes gently from the north-west down towards the south-east, channelling water along its course and through Tunnel [1141] into the souterrain. Likewise the gully between the south-western and north-eastern chambers of the souterrain would have drained water from the higher north-eastern chamber back into the lower south-western.

Exactly why there was a desire to flood the south-western chamber of the souterrain is intriguing. Explanations of the function of souterrains has usually focused on their utility as storage locations for agricultural surplus. The north-eastern chamber, being higher and drier and wooden lined would make a reasonable store for perishable goods. However the amount of water in the south-western chamber would create a moist and damp environment even with a possible raised wooden floor. Perhaps these damp cool conditions were used to store dairy products such as milk, yogurt and cheeses.

4.1.3 Abandonment

The occupation of prehistoric structures is notoriously difficult to identify on the ground. None of the fills of the souterrain were positively identified as occupation deposits, and, if the chambers were both wood lined on the base this is unsurprising. In general in-situ floor deposits are rare in excavated examples of souterrains. At Redcastle a single deposit across the middle of the main passage was identified as possibly relating to a 'last use' period (Alexander 2005). Whilst soil micromorphology analysis will help to describe the length and complexity of the infilling of this feature it was likely to have been a slow process of filling through eroded deposits and eventually the action of the plough. Some hint of deliberately placed deposits comes from the north-eastern terminus where a discreet deposit of burnt material (1008) was found placed close to the very end of the feature (see Illus 8). Part of an amber bead was recovered from this deposit along with significant quantities of charcoal and small fragments of burnt bone. It is possible that this deposit may originate from a poorly preserved cremation.

5 CONCLUSION

Summary

The excavation has recorded the remains of two post-built round houses, one of which potentially encompassed a pennanular souterrain. The use of both buildings is assumed to be domestic with little evidence beyond trace amounts of hammerscale for any industrial functions to be identified. The function of the souterrain remains unclear, but the north-eastern chamber at least would have been suitable for use as a cellar type storage facility. Small amounts of

hulled barley recovered from the backfill of the souterrain are unlikely to derive from the period of use. The water management system incorporated into the south-western chamber has no known parallel and remains ambiguous in terms of function.

Chronology

The available evidence from both round house structures suggests that they were in use and abandoned at some point during the Iron Age (c. 800 BC – AD 800). The pottery identified suggests that this may have been in the first half of the first millennium AD as the pottery may be Roman or copied from Roman sources. Residual lithics recovered from deposits in both areas are suggestive of earlier activity in the area which is not unlikely given the Neolithic date of pits recorded during the 1998 excavations in the neighbouring field (Cameron 2002). However the features encountered from this phase of excavations all appear to belong to a single period of activity. The similarity in abandonment features associated with both buildings suggest that they were contemporary.

No finds were recovered from deposits related to the period of use of the structures. A single sherd of pottery from within a post-pipe in post-hole [1028] is likely to originate from the abandonment phase of the structure. Pottery of the same type was found in two of the pits located either side of the entrance and suggests deliberate deposition of this material, perhaps associated with the closing of the house. Armit (1999) has suggested an abandonment horizon for souterrains during the early 3rd century AD as an indirect or direct response to the Roman incursions. It is likely here that both the souterrain and roundhouse were abandoned at the same time. AMS dates will be required to refine the period of occupation and abandonment of the settlement.

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Appendix 1. Site Registers

Appendix 1.1 Context Register

Context Number	Area	Short Description	Descriptive Interpretation
1000	1	Geological Subsoil	Mid pinkish brown silty sands and gravels with frequent rounded pebbles. Patches of pinkish sandstone bedrock visible, especially around south-east end.
1001	1	Ploughsoil	Mid brown loam ploughsoil. No deep plough evidence.
1002	1	Cut of Souterrain	
1003	1	Cut of slot in Souterrain [1002]	Rounded eastern terminus slot of curvilinear Souterrain [1002]. Sharp breaks of slope, vertical sides and flat base. Stake-holes [1023] and [1025] in base. Possible third stake-hole at the apex of the curve.
1004	1	Final Infilling of Souterrain [1002] Second Chamber	Dark greyish-brown sandy silt with occasional charcoal flecks. Truncated by agricultural activity.
1005	1	Final Infilling of Souterrain [1002] Second Chamber	Mid-light brown sandy silt with rare charcoal flecks. Rapid inwashing of material.
1006	1	Final Infilling of Souterrain [1002] Second Chamber	Mid brownish-grey fine sandy silt with flecks of charcoal. Post-abandonment inwashing of material.
1007	1	Post-abandonment erosion fill of Souterrain [1002] Second Chamber	Dark greyish-black to mid greyish-brown sandy silts with charcoal and burnt bone. Laminated deposits of inwashed material.
1008	1	Post-abandonment erosion fill of Souterrain [1002] Second Chamber	Dark black/grey sandy silts and gravel with charcoal and burnt bone. Possible dump of hearth material.

1009	1	Post-abandonment erosion fill of Souterrain [1002] Second Chamber	Light/mid brown silty sand with rare flacks of charcoal. Layer of redeposited natural.
1010	1	Last use/abandonment of Souterrain [1002] Second Chamber	Mid greyish-brown sandy silt with charcoal. Basal fill of Souterrain [1002] with some mixed natural.
1011	1	Post-abandonment erosion fill of Souterrain [1002] Entrance	Greyish-brown silty sand with patches of black and pink towards the base. Charcoal present. Lenses of silts and darker bands towards the west.
1012	1	Cut of slot in Souterrain [1002]	Southern terminus/entrance to Souterrain [1002]. Gently sloping into Souterrain with uneven but rounded base.
1013	1	Cut of Ditch	
1014	1	Cut of slot in Ditch [1013]	Cut of linear Ditch slot within [1013] with steep sides and a narrow, rounded base. Connected by a tunnel to the centre of Souterrain [1002]. Water flows from the ditch into the souterrain to some extent.
1015	1	Cut of slot in Ditch [1013]	Cut of linear Ditch slot within [1013] with gently sloping to steep sloping sides and a narrow, rounded base.
1016	1	Final Infilling of Souterrain [1002] Second Chamber	Dark greyish-brown sandy silt with charcoal. Same as (1004). Truncated by agricultural activity.
1017	1	Final Infilling of Souterrain [1002] Second Chamber	Light/mid greyish-brown sandy silt with occasional charcoal flecks. Homogenous deposit of inwashed natural silts. Same as (1005).
1018	1	Final Infilling of Souterrain [1002] Second Chamber	Mid/dark brownish-grey sandy silt occasional burnt bone and charcoal. Layered deposit of silts and more charcoal rich bands, similar to (1007).

1019	1	Post-abandonment erosion fill of Souterrain [1002] Second Chamber	Light/mid greyish-brown silty sand with rare flecks of charcoal. Inwashed deposit, same as (1009).
1020	1	Post-abandonment erosion fill of Souterrain [1002] Second Chamber	Dark brownish-grey/mid greyish-brown sandy silt with charcoal flecks. Layers of inwashed material, similar to (1018).
1021	1	Last use/abandonment of Souterrain [1002] Second Chamber	Mottled grey-brown sandy silt with charcoal. Mixture of charcoal-rich and natural material, same as basal fill (1010).
1022	1	Post-abandonment erosion fill of Souterrain [1002] Second Chamber	Dark brownish-grey sandy silt with significant gravel and moderate charcoal. May have been water deposited. Similar to (1008) but less charcoal.
1023	1	Cut of Stake-hole	Ovoid Stake-hole with steep to gradual sides and a rounded base. Located within souterrain cut [1002].
1024	1	Fill of Stake-hole [1023]	Mid/dark mottled grey-brown sandy sily with charchoal flecks. Possible remains of in-situ stake.
1025	1	Cut of Stake-hole	Ovoid Stake-hole with steep sides, sharp breaks of slope and a rounded base. Located within souterrain cut [1002].
1026	1	Fill of Stake-hole [1025]	Mid greyish-brown silty sand with small flecks of charcoal. Infilling of post-hole after post removal.
1027	1	Cut of slot in Souterrain [1002]	Vertical sided, flat based cut of slot in Souterrain [1002] with sharp breaks of slope. Gully [1191] in base towards western end, with a possible beam slot or doorway set into the sides above the gully. The overall cut narrows at the north where the doorw
1028	1	Cut of Post-hole	Circular, vertically-sided post-hole with a rounded base and sharp breaks of slope. Part of main post-ring.

1029	1	Fill of Post-hole [1028]	Mid-brown silty sand within Post-hole [1028]. Fairly loose topsoil-rich backfill around post.
1030	1	Post-pipe deposit within [1028]	Dark brownish-black sandy silt within Post-hole [1028]. Post-pipe fill suggestive of post removal.
1031	1	Cut of Post-hole	Circular, vertically-sided post-hole with a rounded base and sharp breaks of slope. Part of main post-ring.
1032	1	Fill of Post-hole [1031]	Mid brown silty sand within Post-hole [1031]. Fairly loose topsoil-rich fill of posthole-no post-pipe present. Perhaps sat higher within post-hole.
1033	1	Cut of Post-hole	Circular, vertically-sided post-hole with a rounded base and sharp breaks of slope. Part of main post-ring.
1034	1	Fill of Post-hole [1033]	Mid-brown silty sand within Post-hole [1028]. Fairly loose topsoil-rich backfill around post.
1035	1	Post-pipe deposit within [1033]	Dark brownish-black sandy silt within Post-hole [1028]. Post-pipe fill suggestive of post removal.
1036	1	Cut of Post-hole	Circular steep-sided post-hole with an uneven base and sharp breaks of slope. Likely shallower due to plough truncation and hits bedrock at base. Part of main post-ring.
1037	1	Fill of Post-hole [1036]	Mid brown silty sand within Post-hole [1031]. Fairly loose topsoil-rich fill of posthole-no post-pipe present. Perhaps sat higher within post-hole.
1038	1	Cut of Post-hole	Circular steep-sided post-hole with an uneven base and sharp breaks of slope. Likely shallower due to plough truncation and hits bedrock at base. Part of main post-ring.
1039	1	Fill of Post-hole [1038]	Mid brown silty sand within Post-hole [1031]. Fairly loose topsoil-rich fill of posthole-no post-pipe present. Perhaps sat higher within post-hole.
1040	1	Cut of Post-hole	Circular steep-sided post-hole with an uneven base and sharp breaks of slope. Likely shallower due to plough truncation and hits bedrock at base. Part of main post-ring.

1041	1	Fill of Post-hole [1040]	Mid brown silty sand within Post-hole [1031]. Fairly loose topsoil-rich fill of posthole-no post-pipe present. Perhaps sat higher within post-hole.
1042	1	Cut of Post-hole	Circular, vertically-sided post-hole with a rounded base and sharp breaks of slope. Part of main post-ring.
1043	1	Fill of Post-hole [1042]	Mid brown silty sand within Post-hole [1031]. Fairly loose topsoil-rich fill of posthole-no post-pipe present. Perhaps sat higher within post-hole.
1044	1	Cut of Post-hole	Circular, vertically-sided post-hole with a rounded base and sharp breaks of slope. Part of main post-ring.
1045	1	Fill of Post-hole [1044]	Mid brown silty sand within Post-hole [1031]. Fairly loose topsoil-rich fill of posthole-no post-pipe present. Perhaps sat higher within post-hole.
1046	1	Cut of Post-hole	Circular, vertically-sided post-hole with a rounded base and sharp breaks of slope. Part of main post-ring.
1047	1	Fill of Post-hole [1046]	Mid-brown silty sand within Post-hole [1028]. Fairly loose topsoil-rich backfill around post.
1048	1	Cut of Post-hole	Circular, vertically-sided post-hole with a rounded base and sharp breaks of slope. Part of main post-ring.
1049	1	Fill of Post-hole [1048]	Mid-brown silty sand within Post-hole [1028]. Fairly loose topsoil-rich backfill around post.
1050	1	Post-pipe deposit within [1049]	Dark brownish-black sandy silt within Post-hole [1028]. Post-pipe fill suggestive of post removal.
1051	1	Cut of Post-hole	Circular, vertically-sided post-hole with a rounded base and sharp breaks of slope. Part of main post-ring.
1052	1	Fill of Post-hole [1051]	Mid brown silty sand within Post-hole [1031]. Fairly loose topsoil-rich fill of posthole-no post-pipe present. Perhaps sat higher within post-hole.
1053	1	Same as [1055]	-
1054	1	VOID	-

1055	1	Cut of slot in Souterrain [1002]	Steep-sided, flat based slot through Souterrain [1002] with sharp breaks of slope. Several stake-holes found along the sides of the souterrain. Slightly deeper on the eastern edge.
1056	1	Final Infilling of Souterrain [1002] Second Chamber	Dark grey silty sand within Souterrain [1002]. Upper fill, fairly topsoil rich.
1057	1	Post-abandonment erosion fill of Souterrain [1002] Second Chamber	Loose black sandy silt within Souterrain [1002] with lighter sandy lenses. Possibly turf-based fill.
1058	1	Post-abandonment erosion fill of Souterrain [1002] Second Chamber	Mid-brown silty sand within Souterrain [1002] . Likely post-abandonment fill.
1059	1	Post-abandonment erosion fill of Souterrain [1002] Second Chamber	Mixed organic dark grey sandy silt within Souterrain [1002]. Post-abandonment fill.
1060	1	Post-abandonment erosion fill of Souterrain [1002] Second Chamber	Mid-brown silty sand within Souterrain [1002]. Post-abandonment inwashing of material.
1061	1	Post-abandonment erosion fill of Souterrain [1002] Second Chamber	Mixed organic rich black and brown silty sands within Souterrain [1002]. Possibly remnants of turf in fill.
1062	1	Post-abandonment erosion fill of Souterrain [1002] Second Chamber	Reddish-brown silty sand within Souterrain [1002]. Post-abandonment inwashing of material.

1063	1	Post-abandonment erosion fill of Souterrain [1002] Second Chamber	Mixed brown silty sand within Souterrain [1002], slightly mixed with fill (1081).
1064	1	Last use/abandonment of Souterrain [1002] Second Chamber	Mixed black organic silts and mid brown silty sand. Basal layers within Souterrain [1002], possible decaying wood from internal supports.
1065	1	Last use/abandonment of Souterrain [1002] Second Chamber	Mid-brown silty sand within Souterrain [1002]. Basal fill, possibly trample layer from Souterrain use.
1066	1	Last use/abandonment of Souterrain [1002] Second Chamber	Brownish-red slightly silty sand within Souterrain [1002]. Redeposited natural overlying trample, post-abandonment fill.
1067	1	Post-abandonment erosion fill of Souterrain [1002] Second Chamber	Reddish-brown silty sand within Souterrain [1002]. Large deposit of post-abandonment fill from southern edge. Mixed natural and topsoil.
1068	1	Post-abandonment erosion fill of Souterrain [1002] Second Chamber	Mid-brown silty sand with charcoal-rich lenses within Souterrain [1002]. Perhaps formed by vegetation decay within abandoned cut along with erosion into the cut.
1069	1	Post-abandonment erosion fill of Souterrain [1002] Second Chamber	Brownish-red silty sand within Souterrain [1002]. Similar to (1067), another erosion event into abandoned souterrain.
1070	1	Post-abandonment erosion fill of Souterrain [1002] Second Chamber	Mid-brown silty sand with silty organic lenses within Souterrain [1002]. Perhaps formed by vegetation decay within abandoned cut along with erosion into the cut.

1071	1	Final Infilling of Souterrain [1002] Second Chamber	Dark brown silty sand within Souterrain [1002]. Topsoil rich upper fill of souterrain.
1072	1	Fill of Drainage gully [1191]	Brownish-red silty sand within Souterrain [1002]. Fill of Gully [1191], likely washed in.
1073	1	Fill of Drainage gully [1191]	Black/brownish red silty sand with common charcoal within Gully [1191].
1074	1	Post-abandonment erosion fill of Souterrain [1002] Doorway	Brownish-red silty sand with uncommon charcoal within Souterrain [1002]. Basal fill, same as (1067).
1075	1	Post-abandonment erosion fill of Souterrain [1002] Doorway	Mid-brown silty sand with uncommon charcoal within Souterrain [1002]. May have been recut by later deposits, only present on northern edge.
1076	1	Post-abandonment erosion fill of Souterrain [1002] Doorway	Light brownish-red silty sand within Souterrain [1002]. Possibly recut into (1075).
1077	1	Final infilling of Souterrain [1002] Doorway	Mid brownish-black silty sand within Souterrain [1002]. Likely recut into (1076). More organic towards base of fill.
1078	1	Final infilling of Souterrain [1002] Doorway	Mid brown silty sand within Souterrain [1002]. Possibly recut into (1077). Final topsoil-rich fill in souterrain, similar to (1071).
1079	1	Cut of slot in Souterrain [1002]	
1080	1	Same as [1148]	Circular, steep-sided stake-hole cut with a pointed base and sharp breaks of slope. Cut into the base of Souterrain [1002].
1081	1	Same as [1149]	Greyish-brown silty sand within stake-hole [1080].
1082	1	Cut of slot in Ditch [1013]	Steep-sided linear slot of Ditch [1013] with a rounded base and sharp to gradual breaks of slope. Varying depth at the point of narrowing in plan. Abrupt drop within slot length, dropping lower towards the south-east.

1083	1	Fill of Ditch [1013]	Mid grey-brown sandy silt within Ditch [1013]. Redeposited natural upper fill.
1084	1	Fill of Ditch [1013]	Mid brown-grey sandy silt within Ditch [1013] with occasional charcoal flecks. Inwashed deposit with charcoal suggesting relationship to round-house.
1085	1	Fill of Ditch [1013]	Mid grey-brown sandy silt with rare charcoal flecks. Inwashed layer of material within ditch [1013]
1086	1	Fill of Ditch [1013]	Mid brownish-grey sandy silt within Ditch [1013]. Basal fill of ditch.
1087	1	Post-pipe deposit within [1046]	Brownish-black sandy silt post-pipe within Post-hole [1046] containing uncommon charcoal flecks. Post-pipe fill suggestive of post removal.
1088	1	Fill of Ditch [1013]	Mid/light greyish-brown sandy silt with charcoal flecks within Ditch [1013]. Inwashed upper deposit.
1089	1	Fill of Ditch [1013]	Mid brownish-grey sandy silt with rare charcoal flecks within Ditch [1013]. Likely inwashed material.
1090	1	Post-abandonment erosion fill of Souterrain [1002] Second Chamber	Mixed black/greyish-brown sandy silt within Souterrain [1002] containing organics.
1091	1	Last use/abandonment of Souterrain [1002] Second Chamber	Mixed organic-rich black and brown sandy silt within Souterrain [1002] basal fill.
1092	1	Cut of Pit	Circular pit with uneven base and gently sloping sides. Possibly related to abandonment ritual for structure.
1093	1	Fill of Pit [1092]	Brownish-red silty sand within Pit [1092]. Redeposited natural in base of pit.
1094	1	Fill of Pit [1092]	Blackish-brown sandy silt within pit [1092]. Common charcoal and pottery found within. Intentional deposit within pit.

1095	1	Cut of Pit	Sub-rectangular steep-sided pit with a flat base and gradual to sharp breaks of slope. Unusually rectangular, also related to abandonment ritual of structure due to awkward placing within the entrance.
1096	1	Fill of Pit [1095]	Brownish-grey sandy silt within Pit [1095], with brownish-orange silt lenses. Basal fill of pit with no charcoal but possible turf lenses.
1097	1	Fill of Pit [1095]	Mid blackish-brown silty sand with common charcoal. Likely related to destruction of the structure.
1098	1	Cut of Post-hole	Circular, steep-sided post-hole with a rounded base and sharp breaks of slope. Aligned as post of the entrance or lean-to on the side of the main structure. The other associated post was seen in the evaluation but not present during excavation.
1099	1	Fill of Post-hole [1098]	Mid-brown silty sand within Post-hole [1028]. Fairly loose topsoil-rich backfill around post. Possible turf present in fill.
1100	1	Cut of Post-hole	Circular, steep-sided post-hole with a rounded base and sharp breaks of slope. Next to [1098], likely associated to main structure.
1101	1	Fill of Post-hole [1100]	Mid-brown silty sand fill of Post-hole [1100] with a fairly homogenous topsoil-rich fill with slight bioturbation at the base.
1102	1	Cut of slot in Souterrain [1002]	
1103	1	Last use/abandonment of Souterrain [1002] First Chamber	Mid brownish-grey organic-rich clay silt within base of Souterrain [1002] containing wood, charcoal and heat-affected pebbles. Waterlogged peaty deposit.
1104	1	Final infilling of Souterrain [1002] First Chamber	Dark brown silty sand with abundant charcoal within Souterrain [1002]. Possibly extending across the entire souterrain.

1105	1	Post-abandonment erosion fill of Souterrain [1002] First Chamber	Pinkish-brown silty sand with occasional charcoal flecks, upper fill of Souterrain [1002]. Orangey-brown sand deposit in base, possible turf.
1106	1	Post-abandonment erosion fill of Souterrain [1002] First Chamber	charcoal-rich black and orangey-grey sandy silt lenses within Souterrain [1002]. Possible turf lenses within.
1107	1	Post-abandonment erosion fill of Souterrain [1002] First Chamber	Pinkish-brown silty sand with occasional small flecks of charcoal, within Souterrain [1002]. Layered deposit of post-abandonment sands.
1108	1	Post-abandonment erosion fill of Souterrain [1002] First Chamber	Grey sandy silt within Souterrain [1002] containing abundant charcoal lenses throughout the deposit.
1109	1	Post-abandonment erosion fill of Souterrain [1002] First Chamber	Pinkish-brown silty sand within Souterrain [1002], containing occasional charcoal flecks. Similar to (1107).
1110	1	Post-abandonment erosion fill of Souterrain [1002] First Chamber	Greyish-black sandy silt within Souterrain [1002], containing abundant charcoal.
1111	1	Post-abandonment erosion fill of Souterrain [1002] First Chamber	Pinkish-brown sand within Souterrain [1002]. Likely part of same depositional event as deposits (1110) and (1112).

1112	1	Post-abandonment erosion fill of Souterrain [1002] First Chamber	Pinkish-brown sand within Souterrain [1002]. Likely part of same depositional event as deposits (1110) and (1111).
1113	1	Post-abandonment erosion fill of Souterrain [1002] First Chamber	Orangey-brown/ Pink silty sand within Souterrain [1002]. Concentrated orangey lenses towards centre of fill.
1114	1	Last use/abandonment of Souterrain [1002] First Chamber	
1115	1	Last use/abandonment of Souterrain [1002] First Chamber	
1116	1	Fill of Ditch [1013]	Mid greyish-brown sandy silt within Ditch [1013] containing rare charcoal flecks. Water deposited upper fill of ditch.
1117	1	Fill of Ditch [1013]	Mottled brown/grey sandy silts with rare charcoal flecks within Ditch [1013]. Multiple inwashing events over a short time period.
1118	1	Fill of Ditch [1013]	Mid brownish-grey sandy silt within Ditch [1013] with occasional charcoal flecks. Stones in fill located towards bottom., likely inwashed deposit.
1119	1	Fill of Ditch [1013]	Mid greyish-brown sandy silt within Ditch [1013]. A thin layer of redeposited natural.
1120	1	Fill of Ditch [1013]	Mid greyish-brown silty sand within Ditch [1013] with charcoal. Inwashed material.
1121	1	Fill of Ditch [1013]	Mid orange-brown silty sand within Ditch [1013] with rare charcoal. Inwashed material in the base of the ditch.
1122	1	Last use/abandonment of Souterrain [1002] First Chamber	Mid brownish-grey organic-rich clay silt within base of Souterrain [1002] containing wood, charcoal and heat-affected pebbles. Waterlogged peaty deposit.

1123	1	Post-abandonment erosion fill of Souterrain [1002] First Chamber	Mid yellowish-brown silty sandy gravel within Souterrain [1002] containing occasional charcoal and a moderate amount of organic lenses. Post-abandonment infilling of souterrain.
1124	1	Post-abandonment erosion fill of Souterrain [1002] First Chamber	Mid yellowish-brown silty sandy gravel with moderate organics and occasional charcoal within Souterrain [1002]. Post-abandonment infillinf of souterrain.
1125	1	Final infilling of Souterrain [1002] First Chamber	Mid brownish-grey sandy silt with frequent organics within Souterrain [1002], occasional charcoal and animal bone. Possibly a recut of the souterrain.
1126	1	Post-pipe deposit within [1098]	Dark blackish brown sandy silt within Post-hole [1028] with uncommon charcoal. Post-pipe fill suggestive of post removal.
1127	1	Fill of Ditch [1013]	Mid brownish-grey sandy silt within Ditch [1013], with occasional charcoal. Inwashing of material.
1128	1	Fill of Ditch [1013]	Dark brownish-grey sandy silt within Ditch [1013] withc charcoal. Substantial amounts of organic material towards base of the ditch.
1129	1	Cut of Pit	Rectangular gently sloping pit with a flat base and gradual breaks of slope. Similar to Pit [1098], associated with abandonment event of the main structure.
1130	1	Fill of Pit [1129]	Blackish-brown sandy silt fill of Pit [1129] containing common charcoal. Mixed mottled fill likely associated with demolition of the main structure.
1131	1	Cut of Stake-hole	Circular, steep-sided stake-hole cut with a pointed base and sharp breaks of slope. Cut into the base of Souterrain [1002].
1132	1	Fill of Stake-hole [1131]	Greyish-brown silty sand within stake-hole [1131].
1133	1	Cut of Stake-hole	Semicircular, steep-sided stake-hole cut with a flat base and sharp breaks of slope. Cut into the base of Souterrain [1002].
1134	1	Fill of Stake-hole [1133]	Greyish-brown silty sand within Stake-hole [1133].

1135	1	Cut of Stake-hole	Rectangular, steep-sided stake-hole within Souterrain [1002]. Flat-based with sharp breaks of slope.
1136	1	Fill of Stake-hole [1135]	Grey silty sand within Stake-hole [1135].
1137	1	Cut of Stake-hole	Circular, gently sloping stake-hole within Souterrain [1002], with a rounded base and gradual breaks of slope.
1138	1	Cut of Pit	Sub-square, steeply sloping pit with a flat base and gradual breaks of slope. Similar in shape to Pits [1129] and [1098]. Hard grey surface at the base of the cut, perhaps evidence of burning in-situ.
1139	1	Fill of Pit [1138]	Very dark brownish-grey sandy silt within Pit [1138] containing frequent charcoal and occasional burnt bone. Upper fill of pit with fire-cracked stones.
1140	1	Fill of Pit [1138]	Mottled dark greyish-brown, mid greyish-brown and mid orangey-brown sandy silts. Charcoal and burnt bone present. Orange areas may be clayish/turf layers. Ashy lens at the base of the deposit.
1141	1	Cut of Tunnel	Linear Tunnel with one circular opening and one flat-based circular opening. Breaks of slope are sharp and the base is generally flat, although sloping into Souterrain [1002]. Connects the souterrain to Ditch [1013]. Tapers towards the souterrain, suggesting
1142	1	Fill of Tunnel [1141]	Greyish black peat deposit within base of Tunnel [1141] containing common charcoal. Basal fill of tunnel, similar to the basal fill of both Ditch [1013] and the first chamber of Souterrain [1002].
1143	1	Fill of Tunnel [1141]	Brownish-grey sandy silt upper fill of Tunnel [1141]. Loose and topsoil-rich washed in post-abandonment.
1144	1	Cut of slot in Ditch [1013]	Linear cut of slot in Ditch [1013] with a bulge on the southern edge. Steep northern edge with a gentle southern edge. Flat based, with sharp breaks of slope. Appears to be contemporary with the rest of the ditch.

1145	1	Fill of Ditch [1013]	Mid brownish-grey silty sand within ditch [1013], with occasional charcoal flecks. Natural erosion infilling of ditch.
1146	1	Cut of Stake-hole	Circular, steep-sided stake-hole cut with a pointed base and sharp breaks of slope. Cut into the base of Souterrain [1002].
1147	1	Fill of Stake-hole [1146]	Greyish-brown silty sand within stake-hole [1146] with some charcoal.
1148	1	Cut of Stake-hole	Circular, steep-sided stake-hole cut with a pointed base and sharp breaks of slope. Cut into the base of Souterrain [1002].
1149	1	Fill of Stake-hole [1148]	Greyish-brown silty sand within stake-hole [1148].
1150	1	Cut of Stake-hole	Sub-circular, gently sloping stake-hole cut with a pointed base and gradual breaks of slope. Cut into the base of Souterrain [1002].
1151	1	Fill of Stake-hole [1150]	Greyish-brown silty sand within stake-hole [1150].
1152	1	Cut of Stake-hole	Sub-circular, gently sloping stake-hole cut with a pointed base and gradual breaks of slope. Cut into the base of Souterrain [1002].
1153	1	Fill of Stake-hole [1152]	Greyish-brown silty sand within stake-hole [1152].
1154	1	Cut of Stake-hole	Circular, steep-sided stake-hole cut with a pointed base and sharp breaks of slope. Cut into the base of Souterrain [1002].
1155	1	Fill of Stake-hole [1154]	Greyish-brown silty sand within stake-hole [1154].
1156	1	Cut of Stake-hole	Circular, steep-sided stake-hole cut with a pointed base and sharp breaks of slope. Cut into the base of Souterrain [1002].
1157	1	Fill of Stake-hole [1156]	Greyish-brown silty sand within stake-hole [1156].
1158	1	Cut of Stake-hole	Circular, steep-sided stake-hole cut with a pointed base and sharp breaks of slope. Cut into the base of Souterrain [1002].
1159	1	Fill of Stake-hole [1158]	Greyish-brown silty sand within stake-hole [1158].
1160	1	Cut of Stake-hole	Circular, steep-sided stake-hole cut with a pointed base and sharp breaks of slope. Cut into the base of Souterrain [1002].
1161	1	Fill of Stake-hole [1160]	Greyish-brown silty sand within stake-hole [1160].

1162	1	Cut of Stake-hole	Circular, steep-sided stake-hole cut with a pointed base and sharp breaks of slope. Cut into the base of Souterrain [1002].
1163	1	Fill of Stake-hole [1162]	Greyish-brown silty sand within stake-hole [1162].
1164	1	Cut of Stake-hole	Circular, steep-sided stake-hole cut with a flat base and sharp breaks of slope. Cut into the base of Souterrain [1002] with possible packing material around edges.
1165	1	Fill of Stake-hole [1164]	Greyish-brown silty sand within stake-hole [1164] with some charcoal.
1166	1	Cut of Stake-hole	Circular, steep-sided stake-hole cut with a pointed base and sharp breaks of slope. Cut into the base of Souterrain [1002].
1167	1	Fill of Stake-hole [1166]	Greyish-brown silty sand within stake-hole [1166].
1168	1	Cut of Stake-hole	Semicircular, steep-sided stake-hole cut with a flat base and sharp breaks of slope. Cut into the base of Souterrain [1002].
1169	1	Fill of Stake-hole [1168]	Greyish-brown silty sand within Stake-hole [1168].
1170	1	Cut of Stake-hole	Semicircular, steep-sided stake-hole cut with a flat base and sharp breaks of slope. Cut into the base of Souterrain [1002].
1171	1	Fill of Stake-hole [1170]	Greyish-brown silty sand within Stake-hole [1170].
1172	1	Cut of Stake-hole	Semicircular, steep-sided stake-hole cut with a flat base and sharp breaks of slope. Cut into the base of Souterrain [1002].
1173	1	Fill of Stake-hole [1172]	Greyish-brown silty sand within Stake-hole [1172].
1174	1	Cut of Stake-hole	Semicircular, steep-sided stake-hole cut with a flat base and sharp breaks of slope. Cut into the base of Souterrain [1002].
1175	1	Fill of Stake-hole [1174]	Greyish-brown silty sand within Stake-hole [1174].
1176	1	Cut of Stake-hole	Semicircular, steep-sided stake-hole cut with an uneven base and sharp breaks of slope. Cut into the base of Souterrain [1002].
1177	1	Fill of Stake-hole [1176]	Greyish-brown silty sand within Stake-hole [1176].
1178	1	Cut of Stake-hole	Rectangular, steep-sided stake-hole within Souterrain [1002]. Flat-based with sharp breaks of slope.

1179	1	Fill of Stake-hole [1178]	Grey silty sand within Stake-hole [1178].
1180	1	Cut of Stake-hole	Rectangular, steep-sided stake-hole within Souterrain [1002]. Flat-based with sharp breaks of slope.
1181	1	Fill of Stake-hole [1180]	Grey silty sand within Stake-hole [1180].
1182	1	Cut of Stake-hole	Rectangular, steep-sided stake-hole within Souterrain [1002]. Flat-based with sharp breaks of slope.
1183	1	Fill of Stake-hole [1182]	Grey silty sand within Stake-hole [1182].
1184	1	Cut of Stake-hole	Rectangular, steep-sided stake-hole within Souterrain [1002]. Flat-based with sharp breaks of slope.
1185	1	Fill of Stake-hole [1184]	Grey silty sand within Stake-hole [1184].
1186	1	Cut of Stake-hole	Rectangular, steep-sided stake-hole within Souterrain [1002]. Flat-based with sharp breaks of slope.
1187	1	Fill of Stake-hole [1186]	Grey silty sand within Stake-hole [1186].
1188	1	Cut of Stake-hole	Sub-circular, gently sloping stake-hole within Souterrain [1002], with a rounded base and gradual breaks of slope.
1189	1	Cut of Stake-hole	Circular, gently sloping stake-hole within Souterrain [1002], with a rounded base and gradual breaks of slope.
1190	1	Cut of Stake-hole	Circular, gently sloping stake-hole within Souterrain [1002], with a rounded base and gradual breaks of slope.
1191	1	Cut of Drainage Gully	Cut of gully into the base of Souterrain [1002]. Runs from the second chamber into the lower first chamber, to prevent flooding of the second chamber.
1192	1	Fill of Stake-hole [1133]	Greyish-brown silty sand within Stake-hole [1133].
1193	1	Fill of Stake-hole [1168]	Greyish-brown silty sand within Stake-hole [1168].
1194	1	Fill of Stake-hole [1176]	Reddish-brown silty sand within Stake-hole [1176].
2000	2	Geological Subsoil	Mid pinkish brown silty sands and gravels with frequent rounded pebbles. Patches of pinkish sandstone bedrock visible, especially around south-east end.

2001	2	Ploughsoil	Mid brown loam ploughsoil. No deep plough evidence.
2002	2	Cut of Pit	Sub-circular, gently sloping cut of pit with a flat base and gradual breaks of slope. The proximity to the main round-housue structure suggests an association.
2003	2	Fill of Pit [2002]	Grey silty sand within Pit [2002]. Disturbed by burrowing.
2004	2	Cut of Pit	Circular, gently sloping pit with an uneven base and non-perceptible breaks of slope. Similar to [2002] and both located in similar orientations to those found in area 1 (Pits [1098] and [1138]).
2005	2	Fill of Pit [2004]	Dark brown clayish silt. Appears related to occupation of the main structure. Possible waste disposal/related to the destruction of the building.
2006	2	Cut of Pit	Sub-circular, shallow to steep-sided stone-hole with a rounded base and gradual breaks of slope. No archaeology nearby, unlikely to be archaeological.
2007	2	Fill of Pit [2006]	Mid brown silty sand with manganese flecks. Fill of Stone-hole [2006].
2008	2	Cut of Post-hole	Circular, steep-sided cut of post-hole with a rounded base and sharp to gradual breaks of slope. Likely part of 'lean-to' of the structure on the eastern edge of the building.
2009	2	Fill of Post-hole [2008]	Grey silty sand within Post-hole [2008]. Diffuse edges towards base and no evidence of a post-pipe.
2010	2	Cut of Post-hole	Circular, steep-sided cut of post-hole with a rounded base and sharp to gradual breaks of slope. Likely part of 'lean-to' of the structure on the eastern edge of the building.
2011	2	Fill of Post-hole [2010]	Grey silty sand within Post-hole [2010]. No evidence of a post-pipe.
2012	2	Cut of Post-hole	Sub-circular, gently sloping cut of post-hole with a rounded base and gradual breaks of slope. In post-ring of structure in area 2.
2013	2	Fill of Post-hole [2012]	Light-grey silty sand with diffuse edges within Post-hole [2012]. No post-pipe.

2014	2	Cut of Post-hole	Circular, steep-sided cut of post-hole with a rounded base and sharp breaks of slope. In post-ring of structure in area 2.
2015	2	Fill of Post-hole [2014]	Light-grey silty sand with diffuse edges within Post-hole [2012]. No post-pipe.
2016	2	Cut of Post-hole	Circular, gently sloping cut of post-hole with an uneven base and non-perceptible breaks of slope. In post-ring of structure in area 2. defined at base by bedrock. Post-hole between [2016] and [2018] likely truncated away.
2017	2	Fill of Post-hole [2016]	Mid brown silty sand within Post-hole [2016]. No post-pipe.
2018	2	Cut of Post-hole	Circular, steep-sided cut of post-hole with a rounded base and sharp breaks of slope. In post-ring of structure in area 2, cut into bedrock.
2019	2	Fill of Post-hole [2018]	Mid brown silty sand within Post-hole [2016]. No post-pipe.
2020	2	Cut of Post-hole	Circular, steep-sided cut of post-hole with a rounded base and sharp breaks of slope. In post-ring of structure in area 2. contains post-pipe (2040).
2021	2	Fill of Post-hole [2020]	Orangey-brown silty sand with diffuse edges to natural within Post-hole [2020]. Packing material for post.
2022	2	Cut of Post-hole	Circular, steep-sided cut of post-hole with a rounded base and sharp breaks of slope. In post-ring of structure in area 2, cut into bedrock.
2023	2	Fill of Post-hole [2022]	Mid-brown sandy silt within Post-hole [2022]. No evidence of post-pipe.
2024	2	Cut of Post-hole	Circular, vertically-sided cut of post-hole with a flat base and sharp breaks of slope. Part of lean-to of structure in area 2.
2025	2	Fill of Post-hole [2024]	Mid-brown sandy silt within fill of Post-hole [2024] with rare charcoal flecks. No post-pipe, but possible stone packing within fill.
2026	2	Cut of Stake-hole	Circular, gently sloping cut of stake-hole with a rounded base and gradual breaks of slope. Located at edge of post-ring so possibly structural, but no similar features found.

2027	2	Fill of Stake-hole [2026]	Mid-brown sandy silt fill of Stake-hole [2026]. Similar to post-hole fills, but looser, could be topsoil within small stone-hole.
2028	2	Cut of Post-hole	Circular, vertically-sided cut of post-hole with a flat to rounded base and sharp breaks of slope. In post-ring of area 2.
2029	2	Fill of Post-hole [2028]	Mid-brown sandy silt within Post-hole [2028]. No evidence of post-pipe.
2030	2	Cut of Post-hole	Circular, vertically-sided cut of post-hole with a flat base and sharp breaks of slope. In post-ring of area 2.
2031	2	Fill of Post-hole [2030]	Mid-brown sandy silt within Post-hole [2028]. No evidence of post-pipe, but some packing stones in fill.
2032	2	Cut of Post-hole	Circular, vertically-sided cut of post-hole with a flat base and sharp breaks of slope. In post-ring of area 2.
2033	2	Fill of Post-hole [2032]	Mid-brown sandy silt within Post-hole [2028]. No evidence of post-pipe or packing.
2034	2	Cut of Post-hole	Circular, steep-sided cut of post-hole with a flat base and sharp breaks of slope. In post-ring of area 2.
2035	2	Fill of Post-hole [2034]	Greyish-brown silty sand fill of Post-hole [2034]. No evidence of post-pipe or packing.
2036	2	Cut of Post-hole	Sub-circular, gently-sloping cut of stone-hole, with an uneven base and non-perceptible breaks of slope.
2037	2	Fill of Post-hole [2036]	Mid-brown clayish-silt within Stone-hole [2036]. Likely topsoil infill.
2038	2	Cut of possible Erosion gully	Curvilinear, steep to gently sloping cut of possible Erosion gully [2038] with rounded base and gradual breaks of slope. Appears to follow line of post-ring but may be coincidental.
2039	2	Fill of possible Erosion gully [2038]	Light brown silty sand fill of Erosion gully [2038] with diffuse edges. Difficult to define particularly at the southern edge.
2040	2	Post-pipe fill within [2020]	Light grey silty sand post-pipe within Post-hole [2020], but no charcoal present.

Appendix 1.2 Drawing Register

Drawing	Plan	Section	Description
1000		S	South-facing section of Souterrain terminus slot [1003]
1001		S	South-facing section of Souterrain terminus slot [1012]
1002		S	North-east-facing section of Post-hole [2020]
1003		S	East-facing section of Souterrain terminus slot [1012]
1004		S	East-facing section of Souterrain terminus slot [1003]
1005		S	East-facing section of Souterrain slot [1053]
1006		S	South-west-facing section of Souterrain slot [1027]
1007		S	North-east-facing section of Souterrain slot [1027]
1008		S	West-facing section of Souterrain slot [1079]
1009		S	North-west-facing section of Ditch slot [1082]
1010		S	South-east-facing section of Ditch slot [1082]
1011		S	East-facing section of Post-hole [1028]
1012		S	South-east-facing section of Post-hole [1033]
1013		S	North-west-facing section of Post-hole [1046]
1014		S	North-east-facing section of Post-hole [1048]
1015		S	South-facing section of Pit [1092]
1016		S	West-facing section of Pit [1095]
1017		S	North-west-facing section of Ditch slot [1015]
1018		S	East-facing section of Post-hole [1098]
1019		S	North-east-facing section of Souterrain slot [1102]
1020		S	South-west-facing section of Souterrain slot [1102]
1021		S	North-east-facing section of Ditch slot [1014]
1022		S	South-east-facing section of Stake-hole [1133]
1023		S	South-east-facing section of Stake-hole [1168]
1024		S	East-facing section of Stake-hole [1176]
1025		S	West-facing section of Pit [1138]

Appendix 1.3 Photographic Register

Photo	Direction	Description
1001	-	Set-up shot
1002	S	General site pre-condition survey
1003	W	Pre-condition survey of site access
1004	NE	Pre-condition survey of site access
1005	W	Pre-condition survey of site access
1006	E	Site Cabin
1007	S	Machining shot
1008	E	Machining shot
1009	E	Machining shot
1010	W	Machining shot
1011	N	General shot of Area 2 focusing on Post-holes of round-house
1012	N	General shot of Area 2 focusing on Post-holes of round-house
1013	N	General shot of Area 2 focusing on Post-holes of round-house
1014	E	General shot of Area 2 focusing on Post-holes of round-house
1015	NW	Pre-ex shot of pits at northern end of Area 2
1016	NW	Pre-ex shot of pits at northern end of Area 2
1017	SE	General shot of Round-house in Area 2
1018	NW	Pre-ex shot of possible pits at the east end of round-house in Area 2
1019	N	South-facing section of Souterrain terminus slot [1003]
1020	N	South-facing section of Souterrain terminus slot [1003]
1021	N	General shot of Souterrain terminus slot [1003]
1022	W	East-facing section of Souterrain terminus slot [1003]
1023	W	East-facing section of Souterrain terminus slot [1003]
1024	W	General shot of Souterrain terminus slot [1003]
1025	E	General shot of Souterrain terminus slot [1003] showing base and sides
1026	S	General shot of Souterrain terminus slot [1003] showing base and sides
1027	SW	North-east-facing section of Pit [2002]
1028	SW	Plan shot of Pit [2002]
1029	W	East-facing section of Pit [2004]
1030	W	East-facing section of Pit [2004]
1031	W	East-facing section of Pit [2006]
1032	SE	General shot of Pit [2006]
1033	SE	General shot of Pit [2006]
1034	SW	North-east-facing section of Post-hole [2008]

1035	NW	South-east facing section of Post-hole [2010]
1036	SW	North-east-facing section of Post-hole [2012]
1037	N	South-facing section of Souterrain terminus slot [1012]
1038	SW	North-east-facing section of Post-hole [2014]
1039	SW	General shot of Pits [2002], [2004] and Post-holes [2008], [2010], [2012] and [2014]
1040	SW	General shot of Pits [2002], [2004] and Post-holes [2010], [2012] and [2014]
1041	SW	NE-facing section of Post-hole [2016]
1042	SW	NE-facing section of Post-hole [2020]
1043	SE	NW-facing section of Post-hole [2022]
1044	SE	NW-facing section of Post-hole [2022]
1045	W	General shot of Souterrain terminus slot [1012]
1046	W	East-facing section of Souterrain terminus slot [1012]
1047	S	North-facing section of Erosion gully [2038]
1048	W	Erosion gully [2038] and Post-hole [2034]
1049	N	South-facing section of Post-hole [2020]
1050	W	East-facing section of Post-hole [2032]
1051	W	East-facing section of Pit [2036]
1052	W	East-facing section of Post-hole [2030]
1053	W	East-facing section of Post-hole [2028]
1054	W	East-facing section of Stake-hole [2026] with Post-hole [2028]
1055	W	East-facing section of Post-hole [2024]
1056	W	View of Round-house in area 2 from entrance
1057	NW	Western side of post-ring including [2032]
1058	W	Post-holes and Erosion gully [2038] at western side of Round-house
1059	N	General shot of Round-house in Area 2
1060	NE	General shot of Round-house in Area 2
1061	W	East-facing section of Post-hole [2018]
1062	W	East-facing section of Post-hole [2034]
1063	SE	Setting shot of south-east of Ditch terminus slot [1014]
1064	SE	North-west-facing section of Ditch terminus slot [1014]
1065	SE	North-west-facing section of Ditch terminus slot [1014]
1066	NE	Oblique shot of north-west facing section of Ditch slot [1015]
1067	SW	Oblique shot of north-west facing section of Ditch slot [1015]
1068	NW	South-east facing section of Ditch slot [1015]
1069	NW	South-east facing section of Ditch slot [1015]
1070	SW	North-east-facing section of Post-hole [2018]

1071	NW	East-facing section of Souterrain terminus slot [1003]
1072	NW	East-facing section of Souterrain terminus slot [1003]
1073	NW	General shot of Souterrain terminus slot [1003]
1074	S	Half-section of Stake-hole [1023] in base of Souterrain slot [1003]
1075	S	Half-section of Stake-hole [1023] in base of Souterrain slot [1003]
1076	N	Half-section of Stake-hole [1025] in base of Souterrain slot [1003]
1077	N	Half-section of Stake-hole [1025] in base of Souterrain slot [1003]
1078	W	General shot of Stake-holes [1023] and [1025] in Souterrain slot [1003]
1079	W	General shot of Stake-holes [1023] and [1025] in Souterrain slot [1003]
1080	W	General shot of East-facing section of Souterrain terminus slot [1003]
1081	W	General shot of East-facing section of Souterrain terminus slot [1003]
1082	W	General shot of Souterrain terminus slot [1003]
1083	W	East-facing section of Souterrain slot [1055]
1084	SW	General shot of Souterrain slot [1055]
1085	NW	General shot of Souterrain slot [1055]
1086	E	West-facing section of Souterrain slot [1055]
1087	SE	General shot of Souterrain slot [1055]
1088	NE	General shot of Souterrain slot [1055]
1089	SW	North-east-facing section of Souterrain slot [1027]
1090	NE	General shot of south-west-facing section of Souterrain slot [1079]
1091	NE	Detailed shot of south-west-facing section of Souterrain slot [1079]
1092	NE	Detailed shot of south-west-facing section of Souterrain slot [1079]
1093	W	Stake-hole [1148] by east-facing section of Souterrain slot [1055]
1094	W	Stake-hole [1148] by east-facing section of Souterrain slot [1055]
1095	SE	General shot of Ditch slot [1082]
1096	SE	North-west-facing section of Ditch slot [1082]
1097	SE	North-west-facing section of Ditch slot [1082]
1098	NW	General shot of Ditch slot [1082]
1099	NW	South-east-facing section of Ditch slot [1082]
1100	NE	South-west-facing section of Souterrain slot [1027] - overexposed
1101	NE	South-west-facing section of Souterrain slot [1027] - underexposed
1102	SW	North-east-facing section of Souterrain slot [1027] - underexposed
1103	SW	North-east-facing section of Souterrain slot [1027] - overexposed
1104	SW	North-east-facing section of Souterrain slot [1027]
1105	SW	Working shot
1106	NE	Working shot
1107	NE	Working shot

1108	S	Working shot
1109	S	Working shot
1110	NE	South-west-facing section of Souterrain slot [1027]
1111	SW	North-east-facing section of Souterrain slot [1027]
1112	S	General shot of Souterrain slot [1027]
1113	N	South-facing section of Souterrain slot [1079]
1114	N	South-facing section of Souterrain slot [1079]
1115	W	General/working shot
1116	S	General/working shot
1117	S	General/working shot
1118	NW	General/working shot
1119	NW	General/working shot
1120	N	General/working shot
1121	N	General/working shot
1122	N	General/working shot
1123	NE	General/working shot
1124	N	General/working shot
1125	N	General/working shot
1126	N	General/working shot
1127	S	General/working shot
1128	S	General/working shot
1129	S	General/working shot
1130	S	General/working shot
1131	S	General/working shot
1132	S	General/working shot
1133	S	General/working shot
1134	S	General/working shot
1135	S	General/working shot
1136	S	General/working shot
1137	N	General/working shot
1138	W	East-facing section of Post-hole [1028]
1139	W	East-facing section of Post-hole [1031]
1140	NW	South-east-facing section of Post-hole [1033]
1141	NE	South-west-facing section of Post-hole [1036]
1142	E	West-facing section of Post-hole [1038]
1143	W	East-facing section of Post-hole [1040]
1144	E	West-facing section of Post-hole [1042]

1145	E	West-facing section of Post-hole [1044]
1146	SE	North-east-facing section of Post-hole [1046]
1147	SW	North-east-facing section of Post-hole [1048]
1148	SW	North-east-facing section of Post-hole [1051]
1149	S	General shot of Post-ring in Area 1
1150	S	General shot of Post-ring in Area 1
1151	S	Working shot
1152	S	Working shot
1153	NE	Working shot
1154	NE	Working shot
1155	S	Working shot
1156	S	Working shot
1157	S	Working shot
1158	S	Working shot
1159	N	South-facing section of Souterrain slot [1102]
1160	N	South-facing section of Souterrain slot [1102]
1161	S	North-facing section of Souterrain slot [1102]
1162	S	North-facing section of Souterrain slot [1102]
1163	S	North-facing section of Souterrain slot [1102]
1164	W	Working shot
1165	N	South-facing section of Pit [1092]
1166	E	West-facing section of Pit [1095]
1167	W	East-facing section of Post-hole [1098]
1168	NE	South-west-facing section of Post-hole [1100]
1169	W	General shot of Post-holes [1098] and [1100]
1170	W	General shot of Post-holes [1098] and [1100]
1171	SW	North-east-facing section of Ditch slot [1014]
1172	SW	North-east-facing section of Ditch slot [1014]
1173	SW	General shot of Ditch terminus slot [1014]
1174	SW	General shot of Ditch terminus slot [1014]
1175	NW	South-east facing slot of Ditch terminus slot [1014]
1176	S	Mid-ex shot of section between Souterrain slots [1012] and [1079]
1177	SW	Mid-ex shot of Souterrain [1002] with flagged Post-holes
1178	SW	Mid-ex shot of Souterrain [1002] with flagged Post-holes
1179	-	Void
1180	SE	Mid-ex shot of Souterrain [1002] with flagged Post-holes
1181	S	North-facing section of Pit [1129]

1182	W	East-facing section of Pit [1129]
1183	N	South-facing section of Pit [1129]
1184	E	West-facing section of Pit [1129]
1185	NW	General shot of Pit [1129]
1186	W	Post-ex shot of Stake-hole [1148]
1187	NW	South-east-facing section of Ditch terminus slot [1014]
1188	NW	South-east-facing section of Ditch terminus slot [1014]
1189	NW	General shot of Ditch terminus slot [1014]
1190	SE	General shot of Ditch terminus slot [1014] including Tunnel [1141]
1191	NW	Working shot of Souterrain slots [1012] and [1079]
1192	NW	Working shot of Souterrain slots [1012] and [1079]
1193	SW	Post-ex shot of Souterrain slots [1012] and [1079]
1194	SW	Post-ex shot of Souterrain slots [1012] and [1079]
1195	SW	Post-ex shot of Souterrain slots [1012] and [1079]
1196	SW	Post-ex shot of Souterrain slots [1012] and [1079]
1197	SW	Post-ex shot of Souterrain slots [1012] and [1079]
1198	SW	Post-ex shot of Souterrain slots [1012] and [1079]
1199	SW	Post-ex shot of Souterrain slots [1012] and [1079]
1200	S	Post-ex shot of Souterrain slots [1012] and [1079]
1201	S	Post-ex shot of Souterrain slots [1012] and [1079]
1202	SW	North-facing section of Souterrain slot [1102] with Monolith Sample [1009]
1203	SW	North-facing section of Souterrain slot [1102] with Monolith Sample [1009]
1204	SW	North-facing section of Souterrain slot [1102] with Monolith Sample [1009]
1205	SW	North-facing section of Souterrain slot [1102] with Monolith Sample [1009]
1206	SW	North-facing section of Souterrain slot [1102] with Monolith Sample [1009]
1207	S	North-facing section of Stake-hole [1188]
1208	-	Void
1209	N	South-facing section of Stake-hole [1190]
1210	W	East-facing section of Stake-hole [1133]
1211	W	East-facing section of Stake-hole [1168]
1212	W	East-facing section of Stake-hole [1176]
1213	N	South-facing section of Stake-hole [1186]
1214	N	South-facing section of Stake-hole [1166]
1215	W	East-facing section of Stake-hole [1184]

1216	W	East-facing section of Stake-hole [1180]
1217	W	East-facing section of Stake-hole [1164]
1218	W	East-facing section of Stake-hole [1146]
1219	S	North-facing section of Stake-hole [1150]
1220	W	East-facing section of Stake-hole [1154]
1221	N	Frog
1222	SE	Mid-ex shot of section between Souterrain slots [1027] and [1102]
1223	SE	Mid-ex shot of section between Souterrain slots [1027] and [1102]
1224	SE	Mid-ex shot of section between Souterrain slots [1027] and [1102]
1225	S	Working Shot
1226	E	Working Shot
1227	S	Working Shot
1228	E	Working Shot
1229	E	Working Shot
1230	E	Working Shot
1231	N	Working Shot
1232	N	Working Shot
1233	N	Working Shot
1234	N	Working Shot
1235	N	Working Shot
1236	S	Working Shot
1237	S	Working Shot
1238	SE	Working Shot
1239	SE	Working Shot
1240	SE	Working Shot
1241	SE	Working Shot
1242	E	Working Shot
1243	E	West-facing section of Pit [1138]
1244	E	West-facing section of Pit [1138]
1245	E	West-facing section of Pit [1138]
1246	E	General shot of Pit [1138]
1247	S	General shot of Pit [1138]
1248	N	Pre-ex shot of Tunnel [1141]
1249	SE	Pre-ex shot of Tunnel [1141]
1250	SE	Pre-ex shot of Tunnel [1141]
1251	SE	Pre-ex shot of Tunnel [1141]
1252	N	Pre-ex shot of Tunnel [1141]

1253	N	Pre-ex shot of Tunnel [1141]
1254	E	West-facing section of Pit [1138]
1255	E	West-facing section of Pit [1138]
1256	E	West-facing section of Pit [1138]
1257	E	West-facing section of Pit [1138]
1258	E	West-facing section of Pit [1138]
1259	NW	Working shot
1260	NW	Working shot
1261	NW	Working shot
1262	NW	Working shot
1263	SE	Working shot
1264	SE	Working shot
1265	SE	Working shot
1266	SE	Working shot
1267	SE	North-west-facing section of Ditch slot [1144]
1268	SE	North-west-facing section of Ditch slot [1144]
1269	SE	North-west-facing section of Ditch slot [1144]
1270	E	Oblique shot of Ditch slot [1144]
1271	S	Oblique shot of Ditch slot [1144]
1272	SW	Plan shot of Ditch slot [1144]
1273	-	Photogrammetry of tunnel [1141]
1274	-	Photogrammetry of tunnel [1141]
1275	-	Photogrammetry of tunnel [1141]
1276	-	Photogrammetry of tunnel [1141]
1277	-	Photogrammetry of tunnel [1141]
1278	-	Photogrammetry of tunnel [1141]
1279	-	Photogrammetry of tunnel [1141]
1280	-	Photogrammetry of tunnel [1141]
1281	-	Photogrammetry of tunnel [1141]
1282	-	Photogrammetry of tunnel [1141]
1283	-	Photogrammetry of tunnel [1141]
1284	-	Photogrammetry of tunnel [1141]
1285	-	Photogrammetry of tunnel [1141]
1286	-	Photogrammetry of tunnel [1141]
1287	-	Photogrammetry of tunnel [1141]
1288	-	Photogrammetry of tunnel [1141]
1289	-	Photogrammetry of tunnel [1141]

1290	-	Photogrammetry of tunnel [1141]
1291	-	Photogrammetry of tunnel [1141]
1292	-	Photogrammetry of tunnel [1141]
1293	-	Photogrammetry of tunnel [1141]
1294	-	Photogrammetry of tunnel [1141]
1295	-	Photogrammetry of tunnel [1141]
1296	-	Photogrammetry of tunnel [1141]
1297	-	Photogrammetry of tunnel [1141]
1298	-	Photogrammetry of tunnel [1141]
1299	-	Photogrammetry of tunnel [1141]
1300	-	Photogrammetry of tunnel [1141]
1301	-	Photogrammetry of tunnel [1141]
1302	-	Void
1303	-	Void
1304	E	Working shot
1305	E	General shot of Drainage gully [1191]
1306	E	General shot of Drainage gully [1191]
1307	E	Working shot
1308	E	General shot of Drainage gully [1191] and Tunnel [1141]
1309	E	General shot of Drainage gully [1191] and Tunnel [1141]
1310	NE	Working shot
1311	S	General shot of Drainage gully [1191] and Tunnel [1141]
1312	S	General shot of Drainage gully [1191] and Tunnel [1141]
1313	S	General shot of Drainage gully [1191] and Tunnel [1141]
1314	S	General shot of Drainage gully [1191] and Tunnel [1141]
1315	SW	General shot of Drainage gully [1191] and Tunnel [1141]
1316	SW	General shot of Drainage gully [1191] and Tunnel [1141]
1317	SW	General shot of Drainage gully [1191] and Tunnel [1141]
1318	W	General shot of Drainage gully [1191] and Tunnel [1141]
1319	NW	General shot of Drainage gully [1191] and Tunnel [1141]
1320	N	General shot of Drainage gully [1191] and Tunnel [1141]
1321	SE	Working Shot
1322	S	Working Shot
1323	S	Working Shot
1324	S	Working Shot
1325	S	Working Shot
1326	S	Working Shot

1327	S	Working Shot
1328	S	Working Shot
1329	E	Post-ex shot of Pit [1138]
1330	E	Post-ex shot of Pit [1138]
1331	W	General shot of Pit [1138] with Souterrain
1332	-	Post-ex photogrammetry and working shots
1333	-	Post-ex photogrammetry and working shots
1334	-	Post-ex photogrammetry and working shots
1335	-	Post-ex photogrammetry and working shots
1336	-	Post-ex photogrammetry and working shots
1337	-	Post-ex photogrammetry and working shots
1338	-	Post-ex photogrammetry and working shots
1339	-	Post-ex photogrammetry and working shots
1340	-	Post-ex photogrammetry and working shots
1341	-	Post-ex photogrammetry and working shots
1342	-	Post-ex photogrammetry and working shots
1343	-	Post-ex photogrammetry and working shots
1344	-	Post-ex photogrammetry and working shots
1345	-	Post-ex photogrammetry and working shots
1346	-	Post-ex photogrammetry and working shots
1347	-	Post-ex photogrammetry and working shots
1348	-	Post-ex photogrammetry and working shots
1349	-	Post-ex photogrammetry and working shots
1350	-	Post-ex photogrammetry and working shots
1351	-	Post-ex photogrammetry and working shots
1352	-	Post-ex photogrammetry and working shots
1353	-	Post-ex photogrammetry and working shots
1354	-	Post-ex photogrammetry and working shots
1355	-	Post-ex photogrammetry and working shots
1356	-	Post-ex photogrammetry and working shots
1357	-	Post-ex photogrammetry and working shots
1358	-	Post-ex photogrammetry and working shots
1359	-	Post-ex photogrammetry and working shots
1360	-	Post-ex photogrammetry and working shots
1361	-	Post-ex photogrammetry and working shots
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1363	-	Post-ex photogrammetry and working shots

1364	-	Post-ex photogrammetry and working shots
1365	-	Post-ex photogrammetry and working shots
1366	-	Post-ex photogrammetry and working shots
1367	-	Post-ex photogrammetry and working shots
1368	-	Post-ex photogrammetry and working shots
1369	-	Post-ex photogrammetry and working shots
1370	-	Post-ex photogrammetry and working shots
1371	-	Post-ex photogrammetry and working shots
1372	-	Post-ex photogrammetry and working shots
1373	-	Post-ex photogrammetry and working shots
1374	-	Post-ex photogrammetry and working shots
1375	-	Post-ex photogrammetry and working shots
1376	-	Post-ex photogrammetry and working shots
1377	-	Post-ex photogrammetry and working shots
1378	-	Post-ex photogrammetry and working shots
1379	-	Post-ex photogrammetry and working shots
1380	-	Post-ex photogrammetry and working shots
1381	-	Post-ex photogrammetry and working shots
1382	-	Post-ex photogrammetry and working shots
1383	-	Post-ex photogrammetry and working shots
1384	-	Post-ex photogrammetry and working shots
1385	-	Post-ex photogrammetry and working shots
1386	-	Post-ex photogrammetry and working shots
1387	-	Post-ex photogrammetry and working shots
1388	-	Post-ex photogrammetry and working shots
1389	-	Post-ex photogrammetry and working shots
1390	-	Post-ex photogrammetry and working shots
1391	-	Post-ex photogrammetry and working shots
1392	-	Post-ex photogrammetry and working shots
1393	-	Post-ex photogrammetry and working shots
1394	-	Post-ex photogrammetry and working shots
1395	-	Post-ex photogrammetry and working shots
1396	-	Post-ex photogrammetry and working shots
1397	-	Post-ex photogrammetry and working shots
1398	-	Post-ex photogrammetry and working shots
1399	-	Post-ex photogrammetry and working shots
1400	-	Post-ex photogrammetry and working shots

1401	-	Post-ex photogrammetry and working shots
1402	-	Post-ex photogrammetry and working shots
1403	-	Post-ex photogrammetry and working shots
1404	-	Post-ex photogrammetry and working shots
1405	-	Post-ex photogrammetry and working shots
1406	-	Post-ex photogrammetry and working shots
1407	-	Post-ex photogrammetry and working shots
1408	-	Post-ex photogrammetry and working shots
1409	-	Post-ex photogrammetry and working shots
1410	-	Post-ex photogrammetry and working shots
1411	-	Post-ex photogrammetry and working shots
1412	-	Post-ex photogrammetry and working shots
1413	-	Post-ex photogrammetry and working shots
1414	-	Post-ex photogrammetry and working shots
1415	-	Post-ex photogrammetry and working shots
1416	-	Post-ex photogrammetry and working shots
1417	-	Post-ex photogrammetry and working shots
1418	-	Post-ex photogrammetry and working shots
1419	-	Post-ex photogrammetry and working shots
1420	-	Post-ex photogrammetry and working shots
1421	-	Post-ex photogrammetry and working shots
1422	-	Post-ex photogrammetry and working shots
1423	-	Post-ex photogrammetry and working shots
1424	-	Post-ex photogrammetry and working shots
1425	-	Post-ex photogrammetry and working shots
1426	-	Post-ex photogrammetry and working shots
1427	-	Post-ex photogrammetry and working shots
1428	-	Post-ex photogrammetry and working shots
1429	-	Post-ex photogrammetry and working shots
1430	-	Post-ex photogrammetry and working shots
1431	-	Post-ex photogrammetry and working shots
1432	-	Post-ex photogrammetry and working shots
1433	-	Post-ex photogrammetry and working shots
1434	-	Post-ex photogrammetry and working shots
1435	-	Post-ex photogrammetry and working shots
1436	-	Post-ex photogrammetry and working shots
1437	-	Post-ex photogrammetry and working shots

1438	-	Post-ex photogrammetry and working shots
1439	-	Post-ex photogrammetry and working shots
1440	-	Post-ex photogrammetry and working shots
1441	-	Post-ex photogrammetry and working shots
1442	-	Post-ex photogrammetry and working shots
1443	-	Post-ex photogrammetry and working shots
1444	-	Post-ex photogrammetry and working shots
1445	-	Post-ex photogrammetry and working shots
1446	-	Post-ex photogrammetry and working shots
1447	-	Post-ex photogrammetry and working shots
1448	-	Post-ex photogrammetry and working shots
1449	-	Post-ex photogrammetry and working shots
1450	-	Post-ex photogrammetry and working shots
1451	-	Post-ex photogrammetry and working shots
1452	-	Post-ex photogrammetry and working shots
1453	-	Post-ex photogrammetry and working shots
1454	-	Post-ex photogrammetry and working shots
1455	-	Post-ex photogrammetry and working shots
1456	-	Post-ex photogrammetry and working shots
1457	-	Post-ex photogrammetry and working shots
1458	-	Post-ex photogrammetry and working shots
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1461	-	Post-ex photogrammetry and working shots
1462	-	Post-ex photogrammetry and working shots
1463	-	Post-ex photogrammetry and working shots
1464	-	Post-ex photogrammetry and working shots
1465	-	Post-ex photogrammetry and working shots
1466	-	Post-ex photogrammetry and working shots
1467	-	Post-ex photogrammetry and working shots
1468	-	Post-ex photogrammetry and working shots
1469	-	Working shot
1470	-	Working shot
1471	-	Working shot
1472	-	Working shot
1473	-	Post-ex photogrammetry and working shots
1474	-	Post-ex photogrammetry and working shots

1475	-	Post-ex photogrammetry and working shots
1476	-	Post-ex photogrammetry and working shots
1477	-	Post-ex photogrammetry and working shots
1478	-	Post-ex photogrammetry and working shots
1479	-	Post-ex photogrammetry and working shots
1480	-	Post-ex photogrammetry and working shots
1481	-	Post-ex photogrammetry and working shots
1482	-	Post-ex photogrammetry and working shots
1483	-	Post-ex photogrammetry and working shots
1484	-	Post-ex photogrammetry and working shots
1485	-	Post-ex photogrammetry and working shots
1486	-	Post-ex photogrammetry and working shots
1487	-	Post-ex photogrammetry and working shots
1488	-	Post-ex photogrammetry and working shots
1489	-	Post-ex photogrammetry and working shots
1490	NW	Working shot of Tunnel [1141] with Stone
1491	NW	Working shot of Tunnel [1141] with Stone
1492	NW	Tunnel [1141] with Stone
1493	NW	Tunnel [1141] with Stone
1494	NW	Tunnel [1141] with Stone
1495	NW	Tunnel [1141] with Stone
1496	NW	Tunnel [1141] with Stone
1497	S	Site 1 Pre-ex
1498	S	Site 1 Pre-ex
1499	S	Site 1 Pre-ex
1500	S	Site 1 Pre-ex
1501	S	Site 1 Pre-ex
1502	SE	Site 1 Pre-ex
1503	SE	Site 1 Pre-ex
1504	E	Site 1 Pre-ex
1505	E	Site 1 Pre-ex
1506	E	Site 1 Pre-ex
1507	E	Site 1 Pre-ex
1508	N	Site 1 Pre-ex
1509	N	Site 1 Pre-ex
1510	N	Site 1 Pre-ex
1511	N	Site 1 Pre-ex

1512	N	Site 2 general shots
1513	N	Site 2 general shots
1514	-	Site 2 general shots
1515	S	Site 2 general shots
1516	S	Site 2 general shots
1517	NW	Site 2 general shots
1518	W	Site 2 general shots
1519	W	Site 2 general shots
1520	-	Site 2 general shots
1521	SE	Site 2 general shots
1522	-	Site 2 general shots
1523	-	Site 2 general shots
1524	W	View of Round-house in area 2 from entrance

Appendix 1.4 Sample Register

Sample	Context	Description
1000	1004	Fill of Souterrain slot [1003]
1001	1006	Fill of Souterrain slot [1003]
1002	1007	Fill of Souterrain slot [1003]
1003	1008	Fill of Souterrain slot [1003]
1004	1010	Basal fill of Souterrain slot [1003]
1005	1011	Basal fill of Souterrain slot [1012]
1006	1090	Fill of Souterrain slot [1055]
1007	1091	Basal fill of Souterrain slot [1055]
1008	1128	Basal fill of Souterrain slot [1014]
1009	1102	Monolith sample from Souterrain slot [1102]
1010	1104	Fill of Souterrain slot [1079]
1011	1105	Fill of Souterrain slot [1079]
1012	1114	Fill of Souterrain slot [1079]
1013	1165	Fill of Stake-hole [1164]
1014	1134	Fill of Stake-hole [1133]
1015	1169	Fill of Stake-hole [1168]
1016	1179	Fill of Stake-hole [1178]
1017	1142	Basal fill of Tunnel [1141]
1018	1125	Fill of Souterrain slot [1102]
1019	1122	Basal fill of Souterrain slot [1102]
1020	1139	Fill of Pit [1138]
1021	1140	Basal fill of Pit [1138]
1022	1050	Post-pipe deposit within [1048]
1023	1030	Post-pipe deposit within [1028]
1024	1126	Post-pipe deposit within [1098]
1025	1094	Fill of Pit [1092]
2001	2003	Fill of Pit [2002]
2002	2005	Fill of Pit [2004]
2003	2009	Fill of Post-hole [2008]
2004	2015	Fill of Post-hole [2014]
2005	2040	Post-pipe deposit within [2020]

Appendix 2. Finds Catalogue

Context	Context Notes	Sample	Quantity	Weight (g)	Material	Object	Description	Spot Date	
1122	Souterrain 1002 last use/abandonment		1	194	CBM	Fired clay	large lump of amorphous red fired clay?, possibly very soft very braded brick ? or accidentally fired lump of clay, seem to light and soft for stone		
1011	Souterrain 1002 post-abandonment	1005	1	0	Glass	Fragment	small sliver of colourless glass	Mod?	
1140	Pit 1138	1021			0	Industrial Waste	Mag Res	small quantity of hammerscale ?	
1142	Tunnel 1141				29	Industrial Waste	Slag	Vitrified fragments, possibly burnt soil and stone ?	
2015	PH 2014	2004			0	Industrial Waste	Slag	small vitrified fragments ?	
1008	Souterrain 1002 post-abandonment	1003	2		0	Lithics	Debitage	one burnt, one fresh flint chip	PH
1104	Souterrain 1002 infill	1010	2		0	Lithics	Debitage	two small burnt flint fragments	PH
1105	Souterrain 1002 post-abandonment	1011	1		0	Lithics	Debitage	burnt flint fragment	PH
1106	Souterrain 1002 post-abandonment	1001	1		0	Lithics	Debitage	secondary burnt flint flake fragment	PH

1139	Pit 1138		1	0	Lithics	Debitage	burnt flint fragment, probable flake	PH
2005	Pit 2004	2002	1	0	Lithics	Debitage	fresh flint fragment	PH
2009	PH 2008	2003	1	0	Lithics	Debitage	inner flint flake	PH
2015	PH 2014	2004	1	0	Lithics	Debitage	fresh flint chip	PH
1030	PH 1028		1	25	Pottery (Rom)	Reduced Ware	Cooking pot base sherd	RB?
1094	Pit 1092		3	105	Pottery (Rom)	Reduced Ware	Cooking pot base/body sherd, and two body sherds	RB?
1139	Pit 1138		2	16	Pottery (Rom)	Reduced Ware	Cooking pot everted rim sherd and body sherd	RB?
1008	Souterrain 1002 post-abandonment	1003	1	0	Stone	Amber bead	two fragments from amber bead, central perforation and part of exterior remain, no complete dimensions but at least L12+mm, Diam 10+mm	?
1139	Pit 1138		1	713	Stone	Whetstone	long stone, of roughly triangular section with wear on three sides, particularly on the largest flat face, fine grained metamorphic stone, L187	IA-Medi

1139	Pit 1138		1	41	Stone	Disc	small disc roughly chipped from piece of grey sandstone, Diam 60, T6	?
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Appendix 3. Environmental Tables

Appendix 3.1 Retent Results

Context Number	Sample Number	Feature	Sample Vol (l)	Ceramic		Stone		Glass	Burnt bone	Unburnt bone	Charred peat?	Charred nutshell	Charcoal		Material available for AMS Dating	Comments
				Pottery	CBM	Lithics	Stone		Mammal	Mammal			Quantity	Max Size (mm)		
					Daub											
1004	1000	Fill of Souterrain slot [1003]	5						++				++	18	Charcoal ++	Charcoal oak and non-oak. Bone <1g
1006	1001	Fill of Souterrain slot [1003]	40			+			+++	+			++++	19	Charcoal ++++	Tooth enamel fragment. Bone 9g
1007	1002	Fill of Souterrain slot [1003]	40			+			+++	++		++	++++	20	Charcoal +++	Charcoal oak and non-oak. Tooth enamel fragment. Hazelnut shell 0.4 g. Bone <1g
1008	1003	Fill of Souterrain slot [1003]	30			+	+		+++	+		++	++++	20	Charcoal ++++	Charcoal non-oak. Tooth enamel fragments. Nutshell 0.4g. Burnt bone 10g
1010	1004	Basal fill of Souterrain slot [1003]	8			+							++	20	Charcoal +	Charcoal non-oak
1011	1005	Basal fill of Souterrain slot [1012]	10			+		+	+				++	16	Charcoal ++	Charcoal oak. Bone <1g
1090	1006	Fill of Souterrain slot [1055]	8						++	+			+++	17	Charcoal ++	Charcoal oak and non-oak. Burnt bone 0.8g
1091	1007	Basal fill of Souterrain slot [1055]	10			+			++	+	+		++++	17	Charcoal +++	Charcoal oak and non-oak. Bone 3.2g
1128	1008	Basal fill of Souterrain slot [1014]	40			++			++				+++	20	Charcoal ++	Charcoal oak and non-oak. Bone <1g
1104	1010	Fill of Souterrain slot [1079]	10			+			+			+	+++	50	Charcoal ++	Charcoal oak and non-oak. Charred nutshell <0.1g. Bone <1g
1105	1011	Fill of Souterrain slot [1079]	10			+			++	++		+	+++	25	Charcoal +++	Charcoal non-oak. Tooth enamel fragments. Nutshell <0.1g. Bone 2g

1114	1012	Fill of Souterrain slot [1079]	10			+			+	++		+	++	21	Charcoal ++	Charcoal non-oak. Pig and cow tooth fragments. Nutshell
1165	1013	Fill of Stake-hole [1164]	3						+				++	8	Charcoal +	Charcoal non-oak. Bone <1g
1134	1014	Fill of Stake-hole [1133]	3										+	10	Charcoal +	Charcoal oak
1169	1015	Fill of Stake-hole [1168]	3										++	10	Charcoal +	Charcoal non-oak
1185	1016	Fill of Stake-hole [1178]	3													Archaeologically sterile
1142	1017	Basal fill of Tunnel [1141]	30 of 40			+			++	+	++	+	+++	16	Charcoal ++	Charcoal oak and non-oak. Sheep tooth. Bone 3g
1125	1018	Fill of Souterrain slot [1102]	20			+			++++	+	+	++	++++	20	Charcoal +++	Charcoal oak and non-oak. Nutshell 0.3g. Burnt bone 13.6g
1122	1019	Basal fill of Souterrain slot [1102]	10 of 20			+			++	+			+++	41	Charcoal ++	Charcoal oak and non-oak. Tooth enamel fragment. Bone <1g
1139	1020	Fill of Pit [1138]	20						+++	+		+	+++	30	Charcoal ++	Charcoal oak and non-oak. Sheep tooth fragment. Nutshell <0.1g. Bone <1g
1140	1021	Basal fill of Pit [1138]	20						++				++++	23	Charcoal ++++	Charcoal oak and non-oak. Bone <1g
1050	1022	Post-pipe deposit within [1048]	10			+			++				++	16	Charcoal +	Charcoal oak. Bone <1g
1030	1023	Post-pipe deposit within [1028]	10	+					++	+			++	19	Charcoal ++	Charcoal oak and non-oak. Tooth enamel fragments. Bone <1g
1126	1024	Post-pipe deposit within [1098]	10			+			++			+	+++	18	Charcoal ++	Charcoal oak. Nutshell <0.1g. Bone <1g
1094	1025	Fill of Pit [1092]	10						++			+	+++	10	Charcoal ++	Charcoal oak and non-oak. Nutshell <0.1g. Bone 2g
2003	2001	Fill of Pit [2002]	10			+			++				+++	10	Charcoal ++	Charcoal oak and non-oak. Bone 2g
2005	2002	Fill of Pit [2004]	10			+			++				+++	20	Charcoal ++	Charcoal oak. Bone 2g
2009	2003	Fill of Post-hole [2008]	10			+			+++				+++	14	Charcoal +++	Charcoal oak and non-oak. Bone 3.5g

Appendix 3.2 Flotation Results

Context Number	Sample Number	Feature	Total flot Vol (ml)	Barley	Indet. cereal	Other Charred plant remains	Charcoal Quantity	Charcoal Max size (mm)	Material available for AMS	Comments
1004	1000	Fill of Souterrain slot [1003]	5				+	<5	No	Archaeologically sterile
1006	1001	Fill of Souterrain slot [1003]	10		+	+	++	20	Yes	<i>Chenopodium</i> sp. Charcoal oak and non-oak
1007	1002	Fill of Souterrain slot [1003]	50						No	Archaeologically sterile. Sand
1008	1003	Fill of Souterrain slot [1003]	10			+	+	5	No	Small legume, <i>Carex</i> sp. 2 hulled barley grains
1010	1004	Basal fill of Souterrain slot [1003]	1						No	Archaeologically sterile
1011	1005	Basal fill of Souterrain slot [1012]	2	+			+	<5	No	Hulled barley
1090	1006	Fill of Souterrain slot [1055]	5						No	Archaeologically sterile

1091	1007	Basal fill of Souterrain slot [1055]	5		+		+	<5	No	2 heavily abraded cereal grains
1128	1008	Basal fill of Souterrain slot [1014]	10						No	Modern roots
1104	1010	Fill of Souterrain slot [1079]	10				++	10	Yes	Charcoal non-oak. Modern roots
1105	1011	Fill of Souterrain slot [1079]	5		+		+	<5	No	1 indeterminate cereal grain
1114	1012	Fill of Souterrain slot [1079]	0						No	Archaeologically sterile
1165	1013	Fill of Stake-hole [1164]	1							Archaeologically sterile
1134	1014	Fill of Stake-hole [1133]	0							Archaeologically sterile
1169	1015	Fill of Stake-hole [1168]	0							Archaeologically sterile
1185	1016	Fill of Stake-hole [1178]	0							Archaeologically sterile

1142	1017	Basal fill of Tunnel [1141]	10				+	<5		Small twigs and bark
1125	1018	Fill of Souterrain slot [1102]	30				+++	20	Yes	Large fragments of non-oak charcoal
1122	1019	Basal fill of Souterrain slot [1102]	15							Archaeologically sterile
1139	1020	Fill of Pit [1138]	20			+	++	10	Yes	Charcoal oak and non-oak. Also includes a small legume
1140	1021	Basal fill of Pit [1138]	1						No	Archaeologically sterile
1050	1022	Post-pipe deposit within [1048]	2				+	5	No	
1030	1023	Post-pipe deposit within [1028]	5							Archaeologically sterile. Modern roots
1126	1024	Post-pipe deposit within [1098]	5							Archaeologically sterile. Modern roots
1094	1025	Fill of Pit [1092]	10				+	5	No	Modern roots

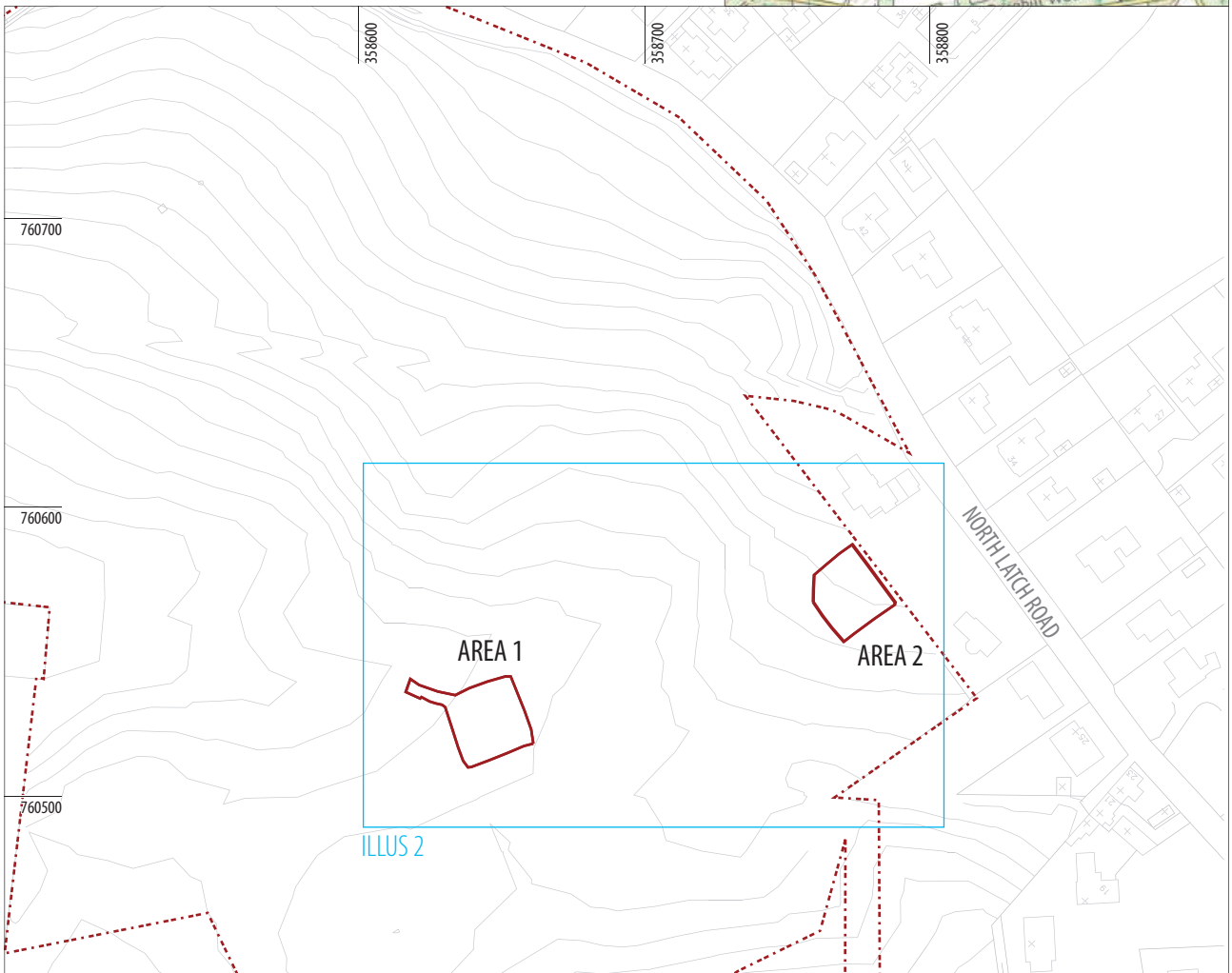
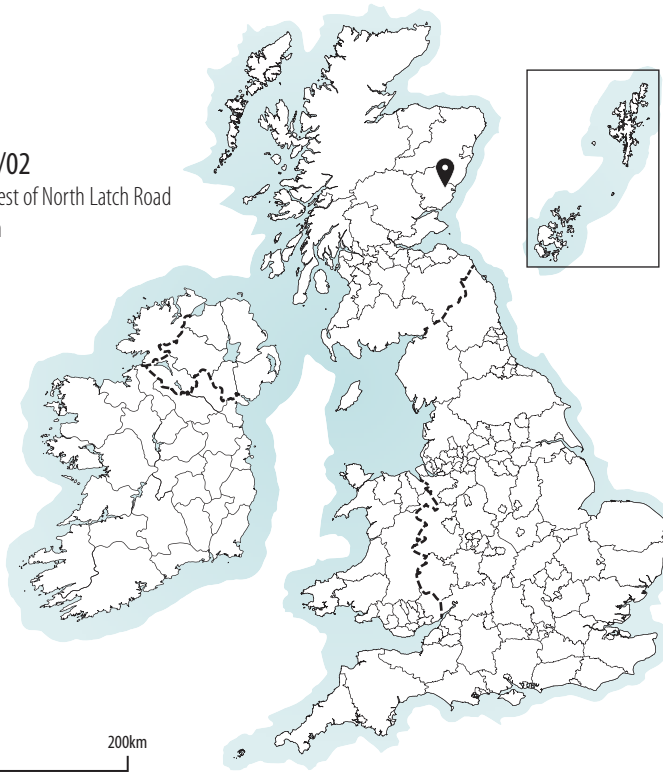
2003	2001	Fill of Pit [2002]	5							Modern roots
2005	2002	Fill of Pit [2004]	5						No	Modern roots
2009	2003	Fill of Post-hole [2008]	2						No	Modern roots
2015	2004	Fill of Post-hole [2014]	5						No	Modern roots
2040	2005	Post-pipe fill within [2020]	0							Archaeologically sterile
Key: += rare (1-5), ++ = occasional (6-15), +++ = common (16-50) and ++++ = abundant (>50)										
NB charcoal over 1cm is suitable for identification and AMS dating										



Appendix 4. DES Entry

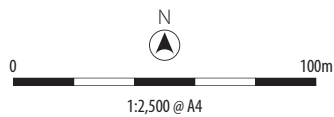
LOCAL AUTHORITY:	Angus Council
PROJECT TITLE/SITE NAME:	Results of an Archaeological Excavation at Dubton Farm, Brechin, Angus
PROJECT CODE:	DBFA15
PARISH:	Brechin
NAME OF CONTRIBUTOR(S):	Matthew Ginnever
NAME OF ORGANISATION:	Headland Archaeology Ltd
TYPE(S) OF PROJECT:	Excavation
NMRS NO(S):	None
SITE/MONUMENT TYPE(S):	Round-house, Souterrain
SIGNIFICANT FINDS:	Roman Pottery, Amber Bead
NGR (2 letters, 8 or 10 Figures)	NO 58616 60622
START DATE (this season)	29 th February 2016
END DATE (this season)	11 th March 2016
PREVIOUS WORK (incl. DES ref.)	N/A
MAIN (NARRATIVE) DESCRIPTION: (May include information from other fields)	<p>Headland Archaeology was commissioned by Scotia Homes (North) Ltd to undertake an archaeological excavation in advance of a residential development at Dubton Farm, Brechin. The work was carried out in response to a planning condition on an application (09/00675/FUL) submitted to Angus Council. The work took place between the 29th of February and the 11th of March 2016. The excavation recorded two discreet concentrations of prehistoric settlement activity. The first consisted of a large post built round house with east facing porch, within which was located a pennanular souterrain. This souterrain consisted of two chambers accessed from the south-west terminus and separated by a narrow door way. A small tunnel connected the first chamber of the souterrain with a north-west to south-east running ditch allowing water to drain into the souterrain. Evidence for timber lining was found in the form of stake-holes spaced along the inner edges of the souterrain cut. The second concentration of activity was located c.125m to the north-east and comprised another post-built roundhouse with east facing entrance porch. Both structures appear to have been abandoned at a similar time during the Roman Iron Age and have associated ritual pits placed into their entrance ways.</p>
PROPOSED FUTURE WORK:	unknown
ARCHIVE LOCATION (intended/deposited)	Report to be lodged with HES
SPONSOR OR FUNDING BODY:	Scotia Homes

CAPTION(S) FOR ILLUSTRS:	-
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EMAIL ADDRESS:	matthew.ginnever@headlandarchaeology.com

DBFA/02
land west of North Latch Road
Brechin
Angus



KEY
 limit of excavation
 development boundary

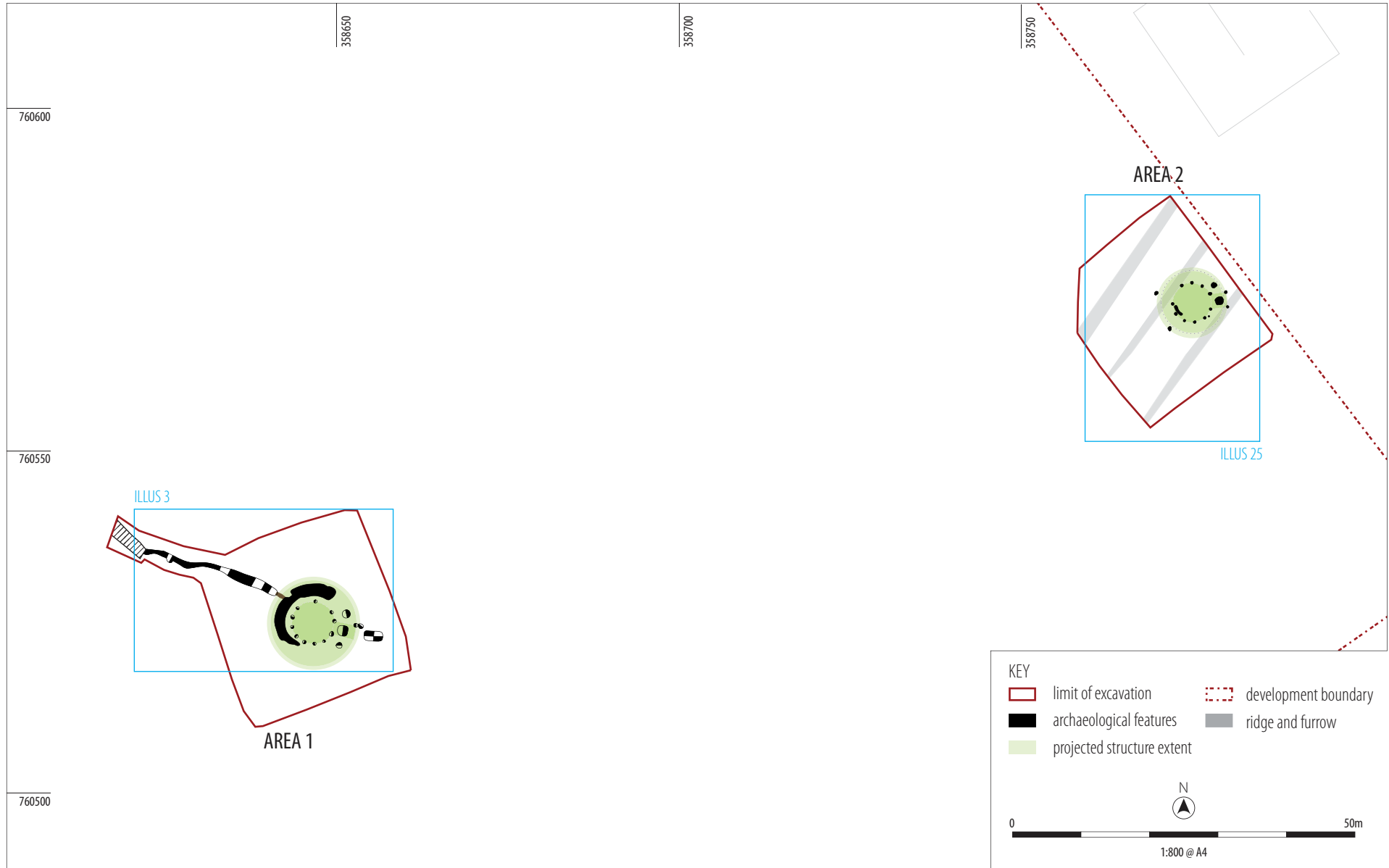


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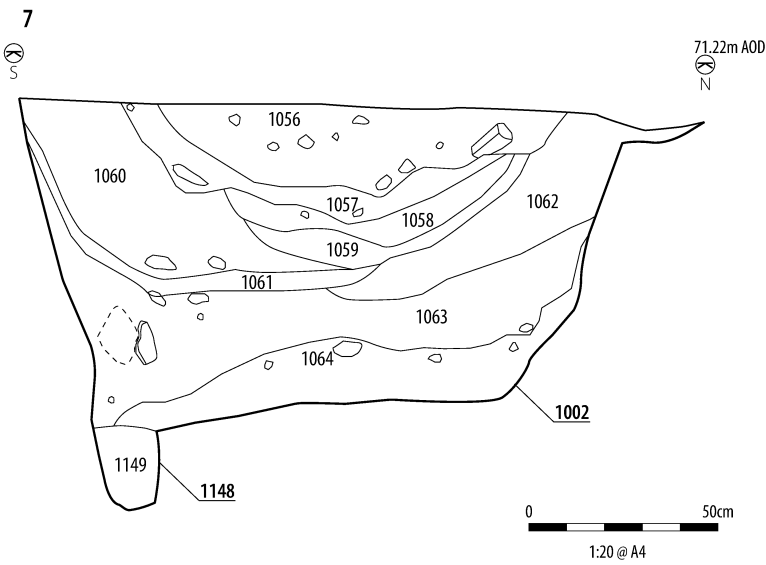
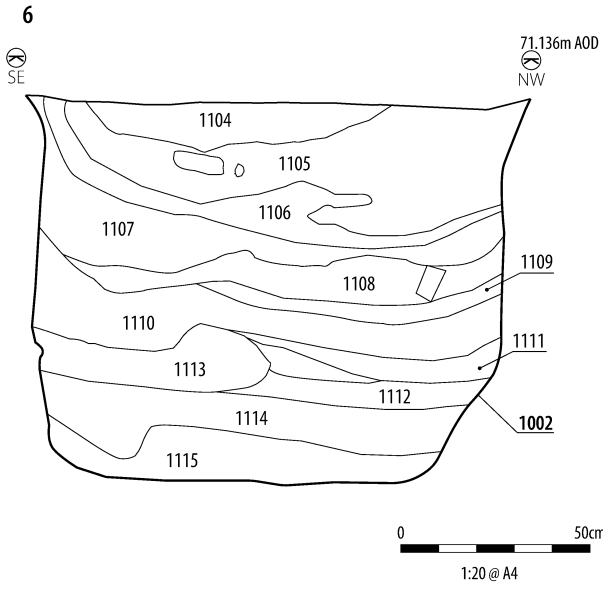
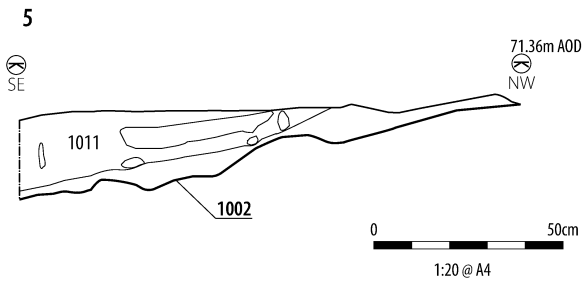
ILLUS 1 Site location



ILLUS 2 Site plan



ILLUS 4 View of Area 1 post-excavation looking north-west



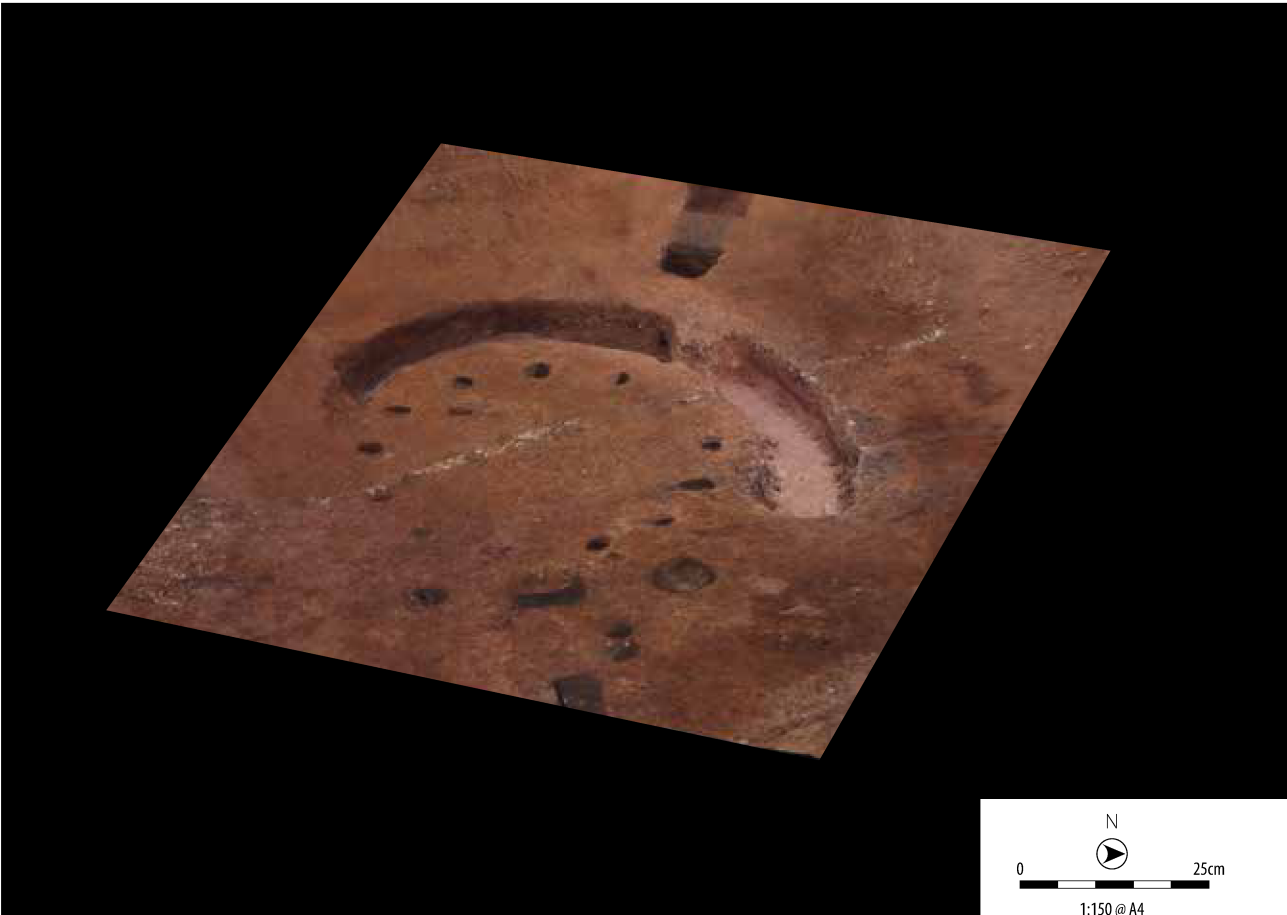
ILLUS 5 South facing section of entrance way to souterrain [1002] **ILLUS 6** North-west facing section across south western chamber of souterrain [1002]
ILLUS 7 East-facing section across north eastern chamber of souterrain [1002]



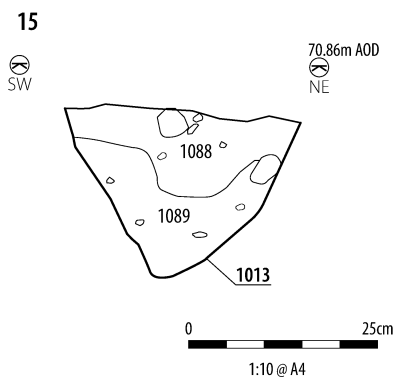
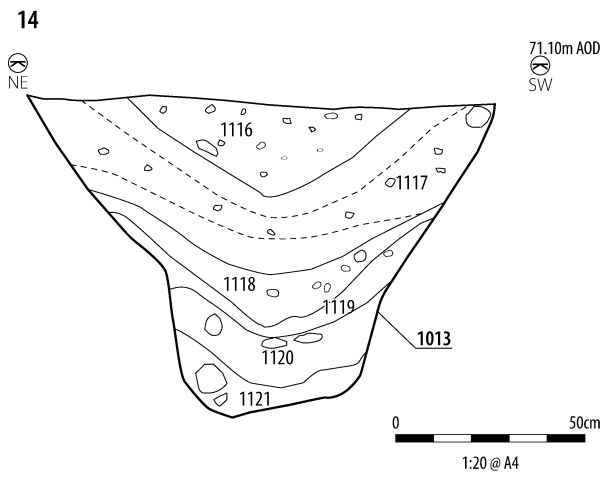
ILLUS 8 South facing section of eastern terminus of souterrain [1002] **ILLUS 9** South facing section of deposits in south western chamber of souterrain [1002]
ILLUS 10 Working shot of south western chamber of souterrain [1002] under excavation **ILLUS 11** Photo of north eastern chamber of souterrain [1002] looking west



ILLUS 12 Photo of gully running between chambers of souterrain [1002] looking south-west



ILLUS 13 3D model of souterrain



ILLUS 14 North-west facing section across second south eastern section of ditch [1013] **ILLUS 15** South-west facing section across north western section of ditch [1013]



ILLUS 16 North-west-facing section of south-eastern terminus of ditch [1013]

ILLUS 17 Ditch [1013] post-excavation looking north-west

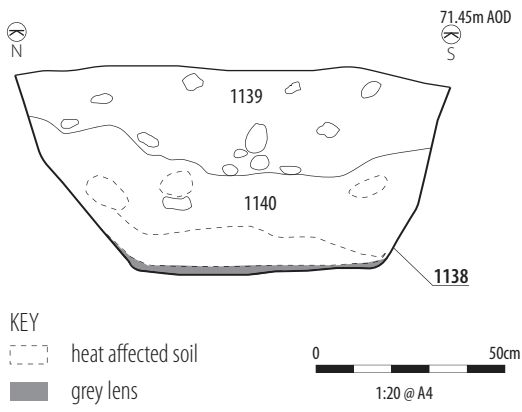
ILLUS 18 Photo of tunnel [1141] looking south-east



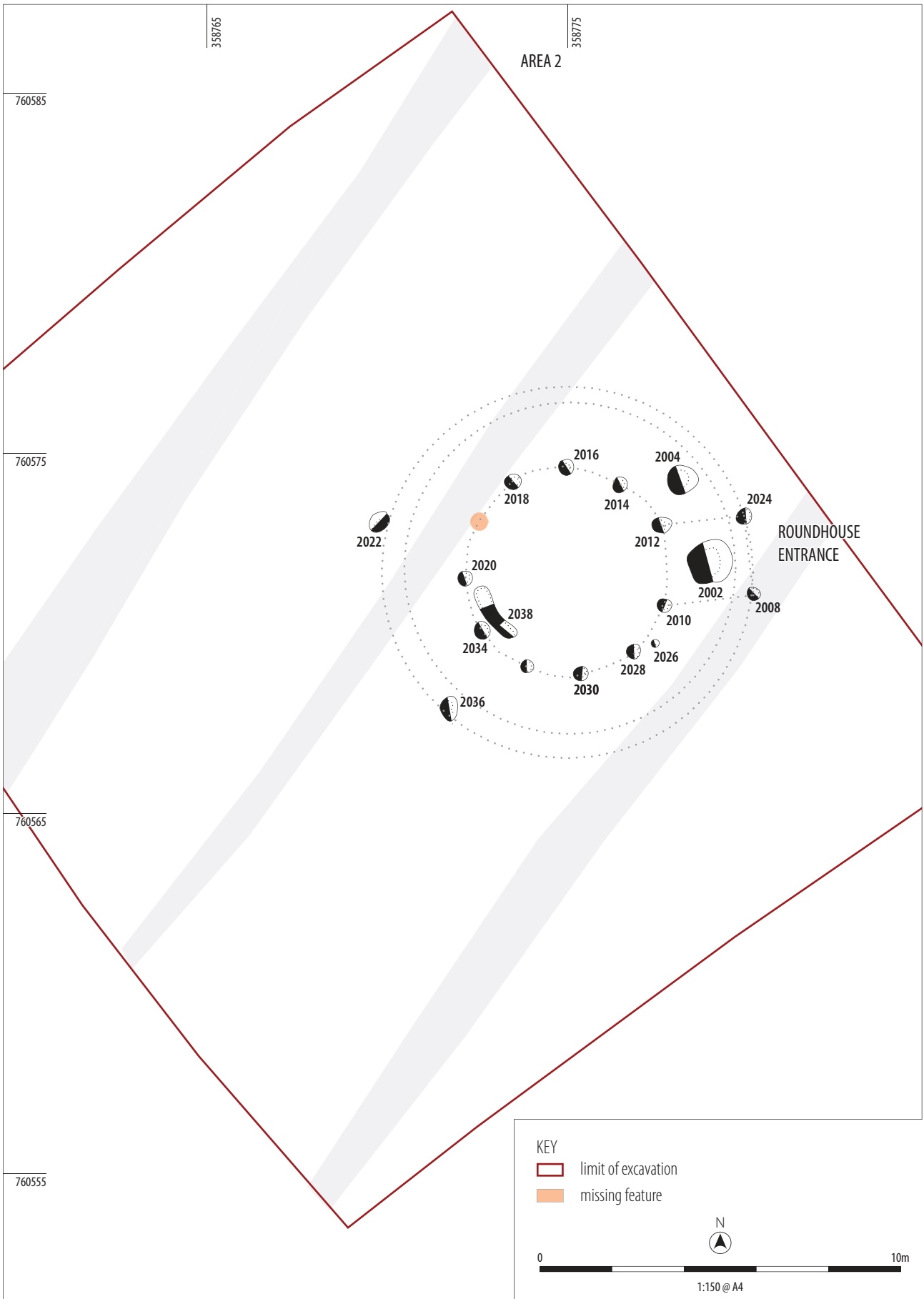
ILLUS 19 Photo of tunnel [1141] looking north-west **ILLUS 20** Photo of possible stone plug for tunnel [1141] **ILLUS 21** North-east-facing section of post-hole [1048] **ILLUS 22** North-east-facing section of post-hole [1051]



ILLUS 23 Photo of Area 1 looking north



ILLUS 24 West facing section across pit [1138]



ILLUS 25 Plan of Area 2



ILLUS 26 View of Area 2 post-excavation looking west